

股票代码 603915

GUOMAO
国茂股份



G 系列减速电机 G Series Geared Motor

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🌐 www.guomaoreducer.com



传动精品 传递真情

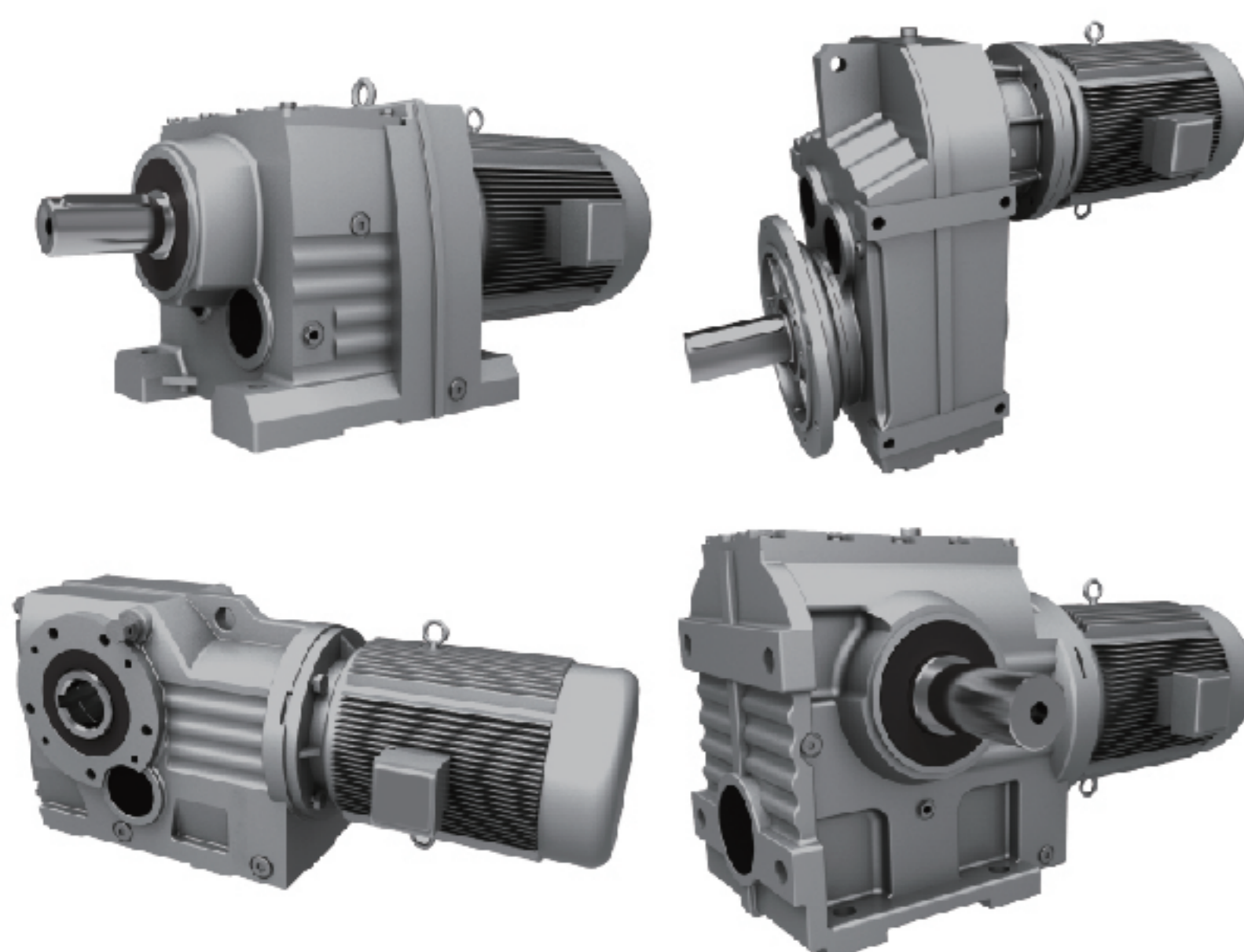
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产品样本 NO.001
版本 V3.5-2022

Product Overview

产品总览

NO.001



G系列减速机

G Series Gear Reducer

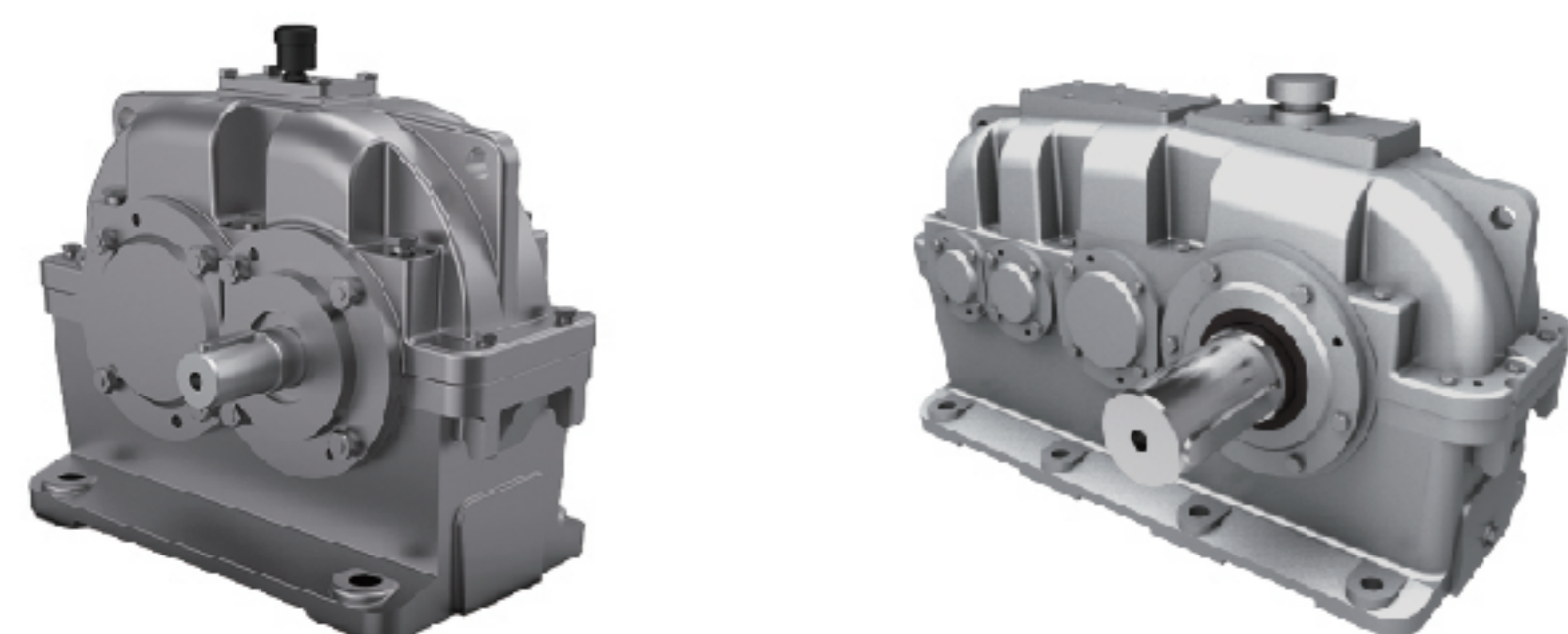
NO.002



摆线针轮减速机

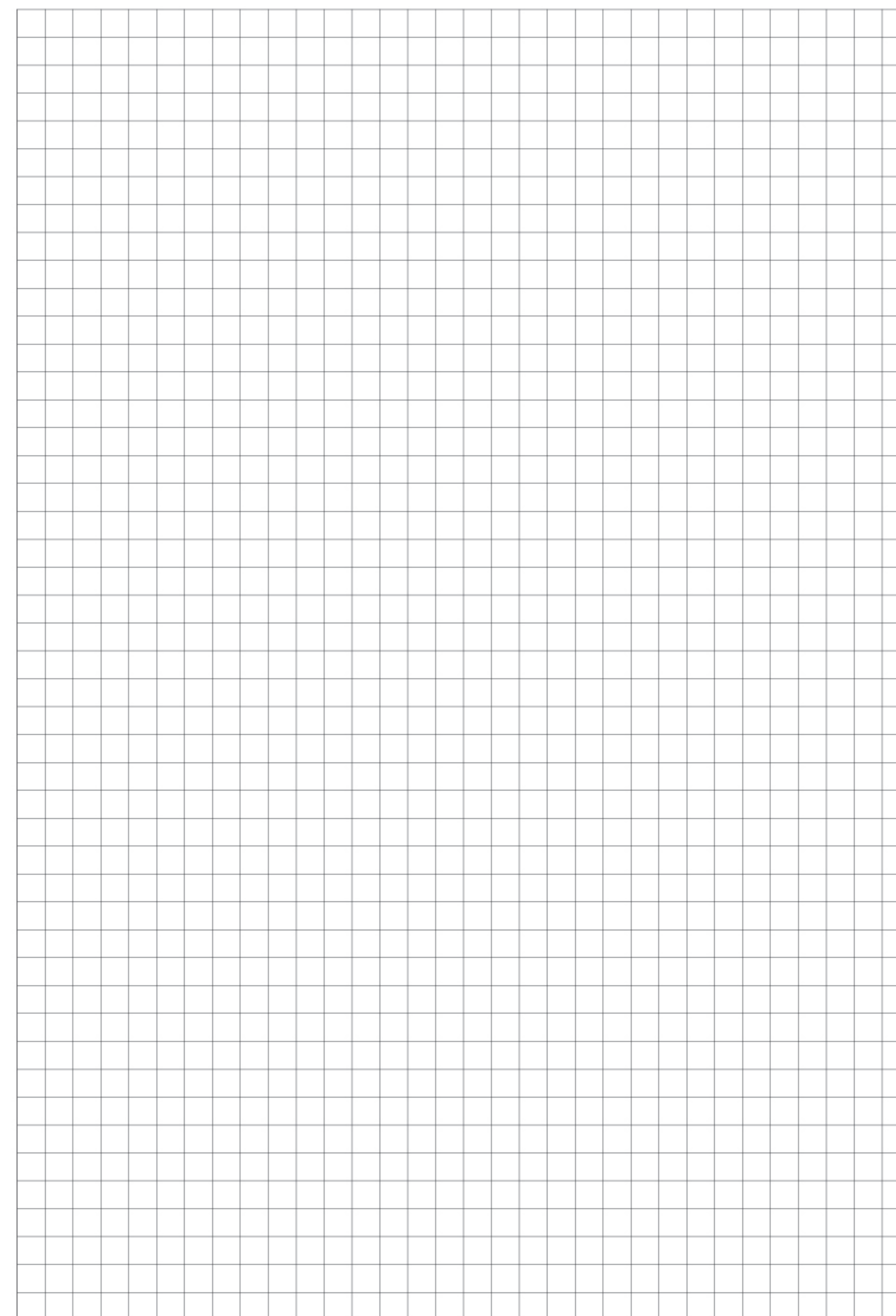
Cycloidal Reducer

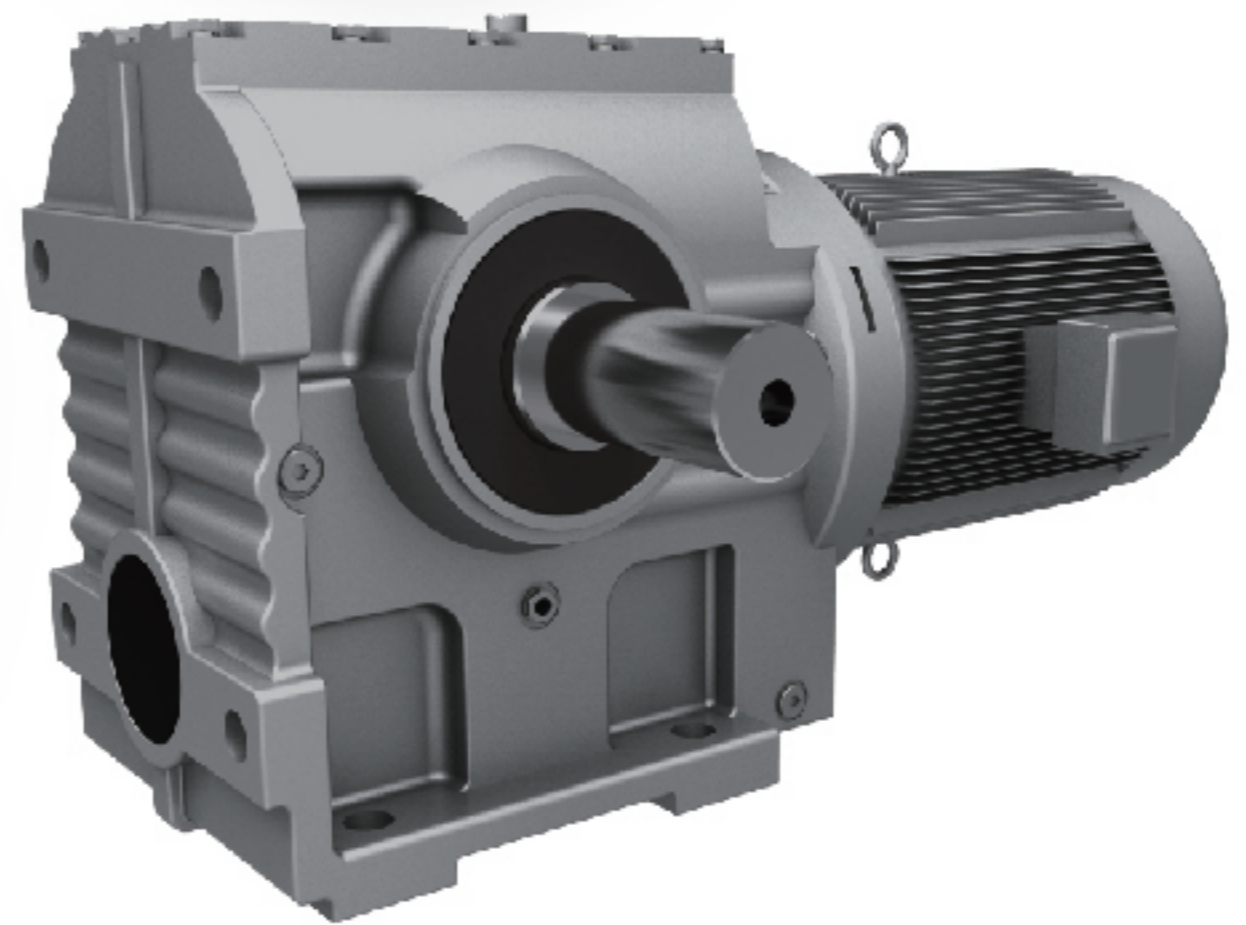
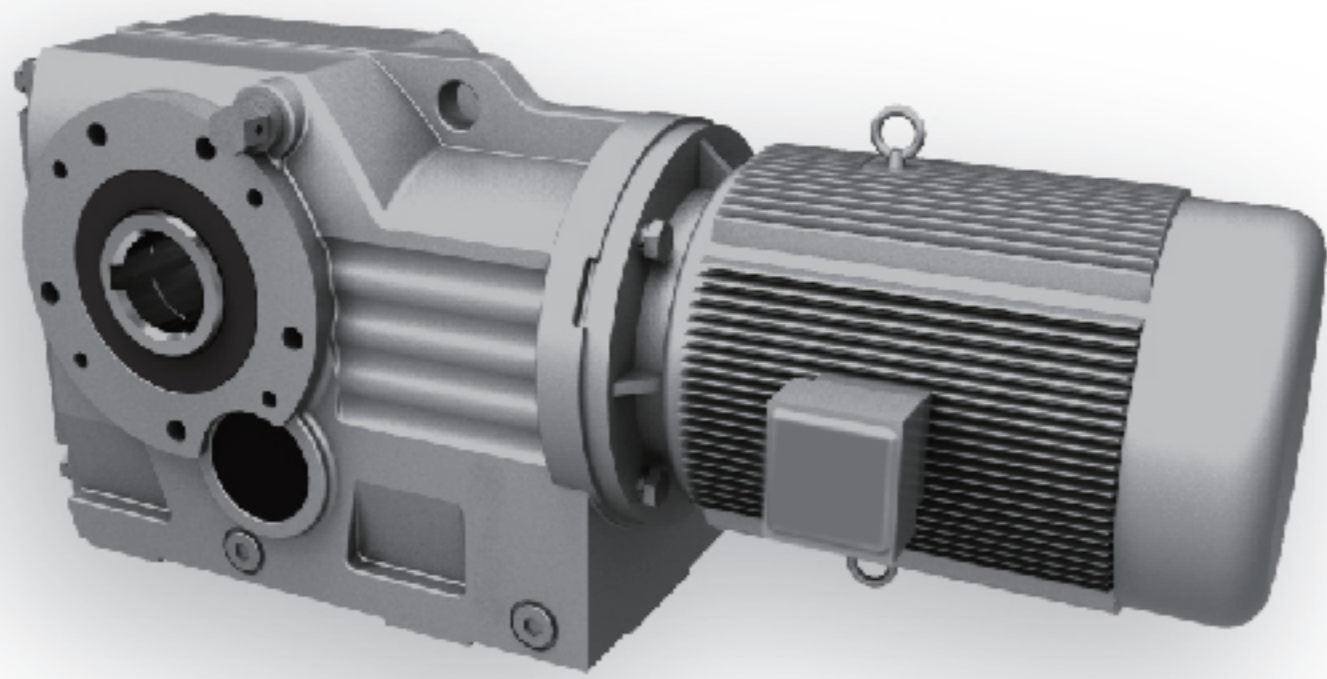
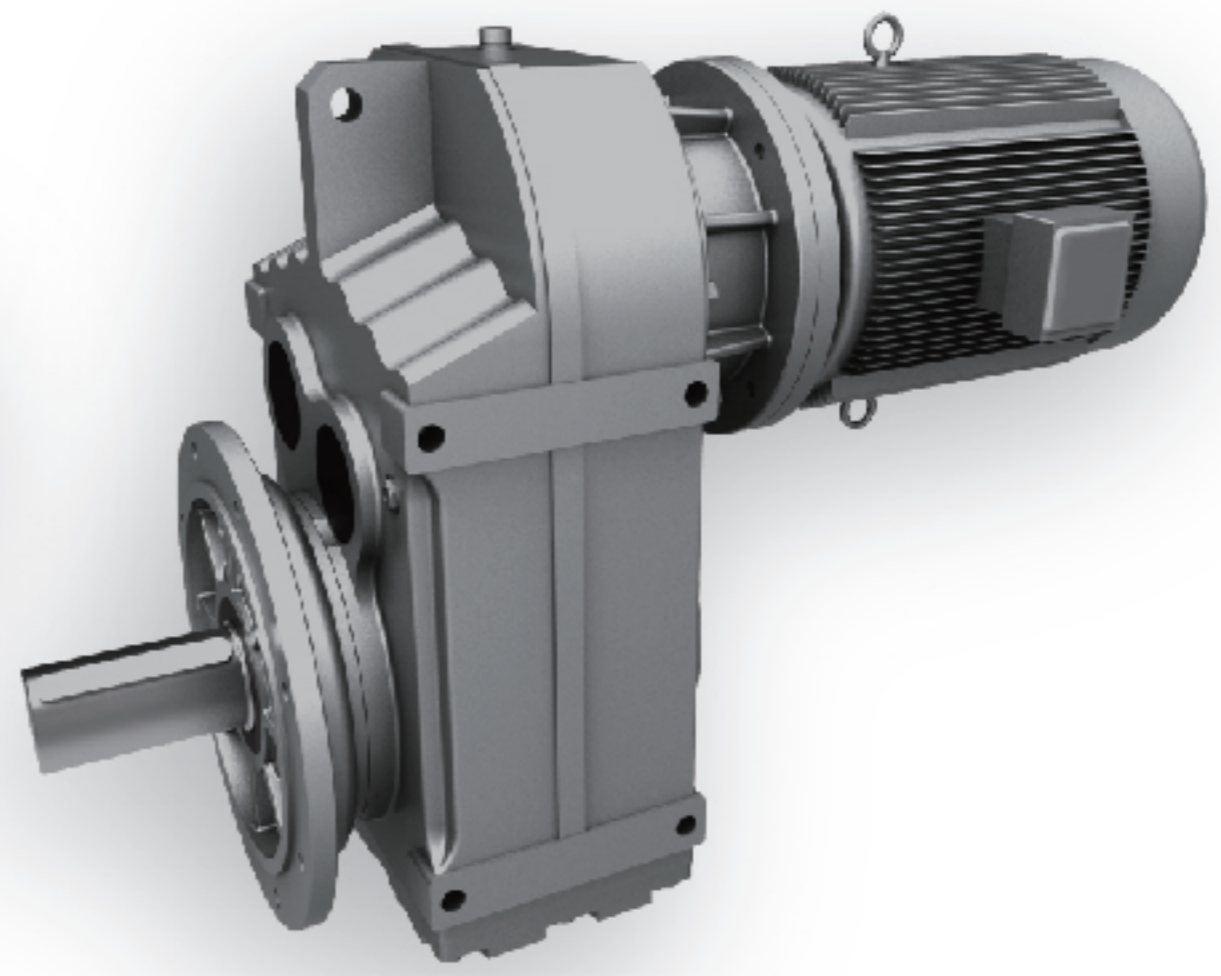
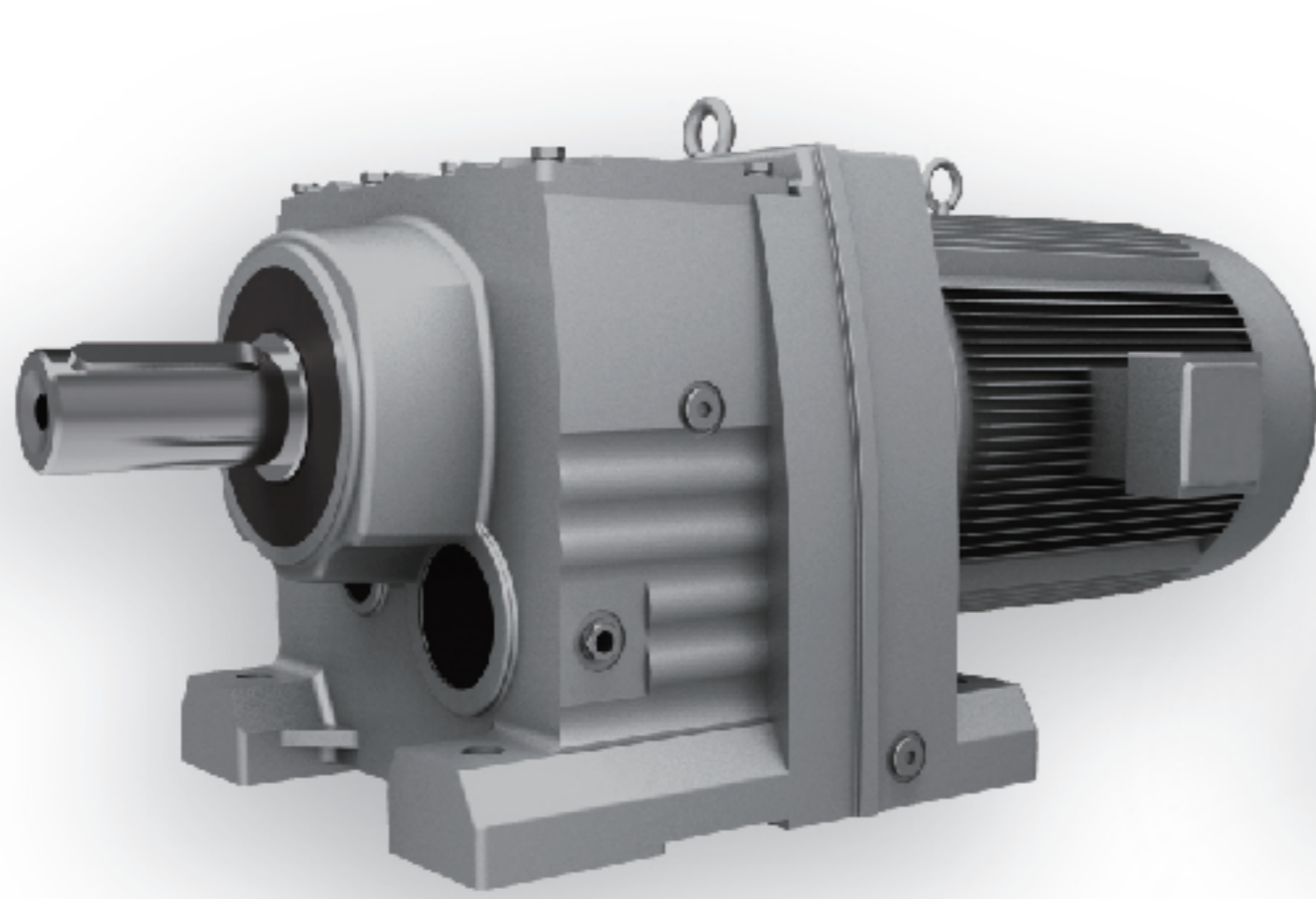
NO.003



ZY系列圆柱齿轮减速机

ZY Series Cylindrical Gear Reducer

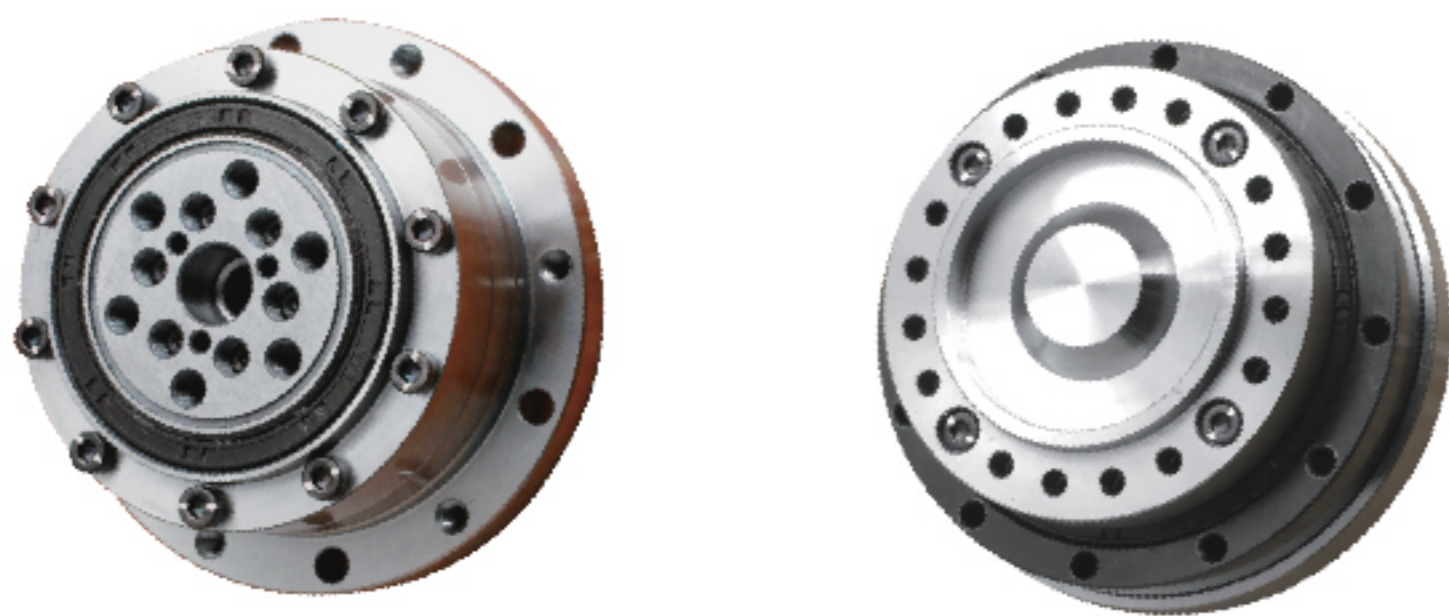




G Series Geared Motor

G 系列减速电机

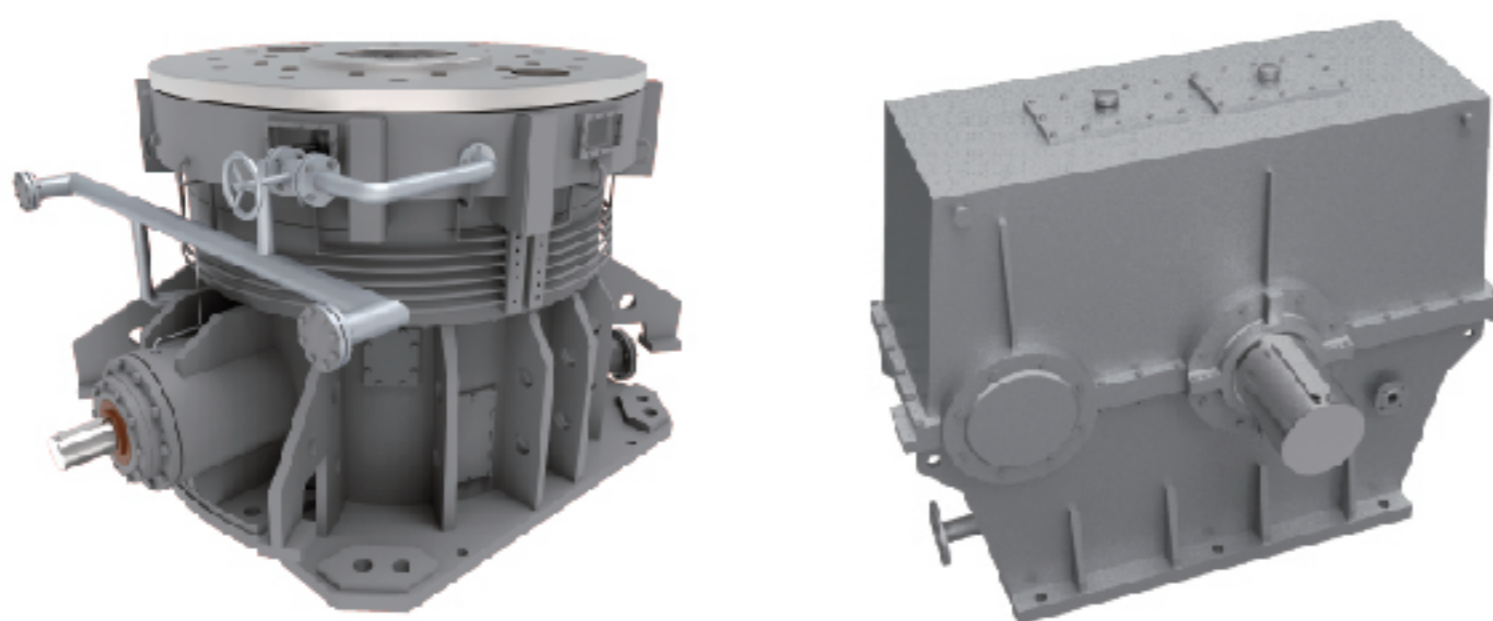
NO.009



精密减速机

Precision Reducer

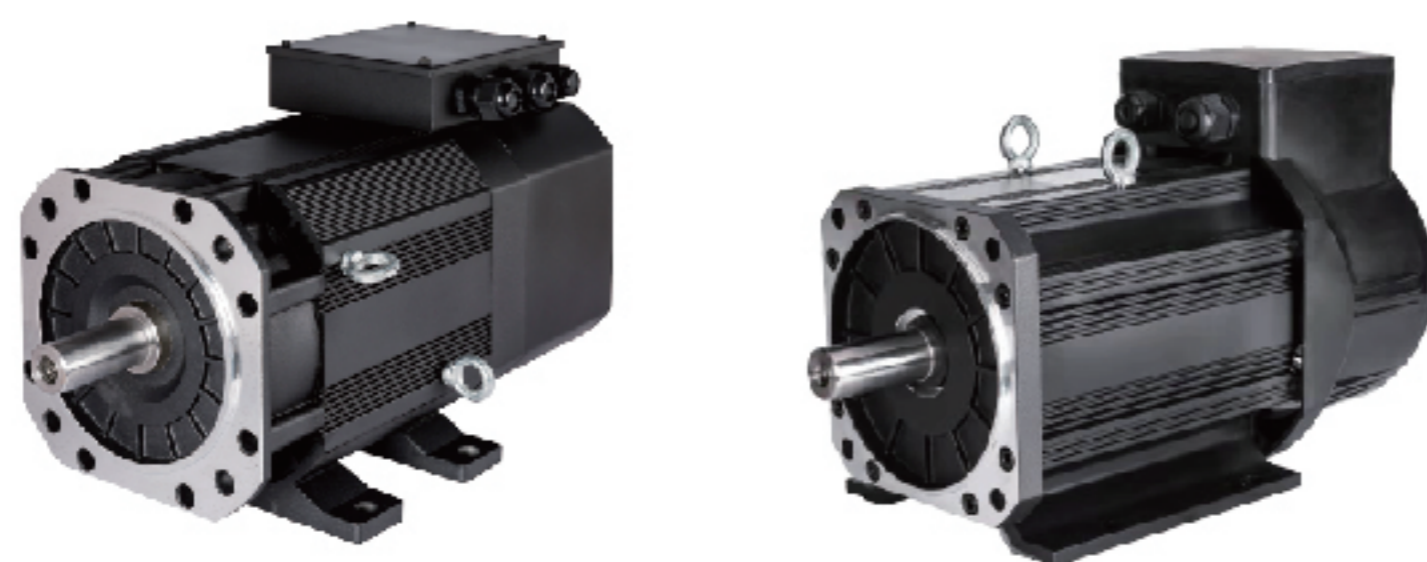
NO.010



重载齿轮箱

Heavy-duty Gearbox

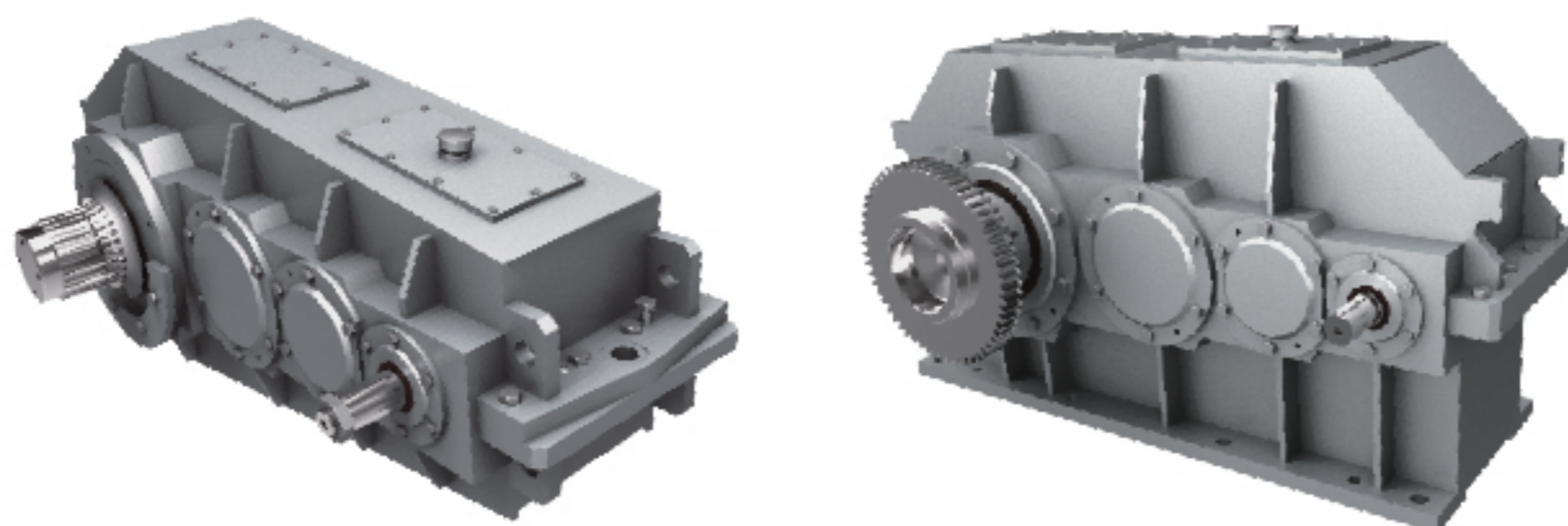
NO.011



交流感应伺服电机

Ac Induction Servo Motor

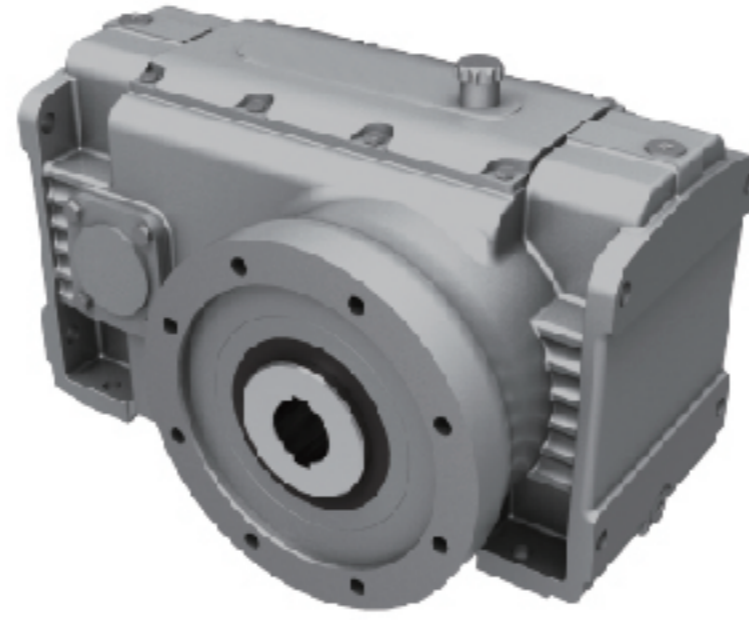
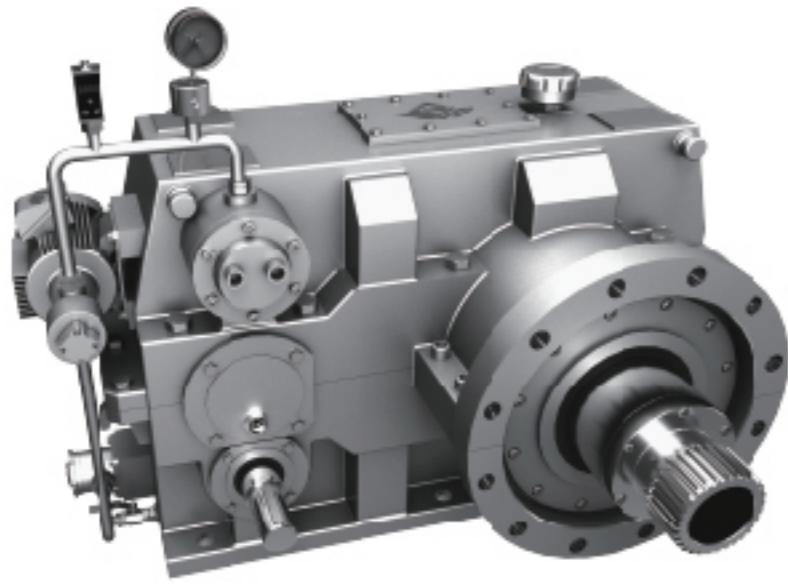
NO.012



起重专用减速机

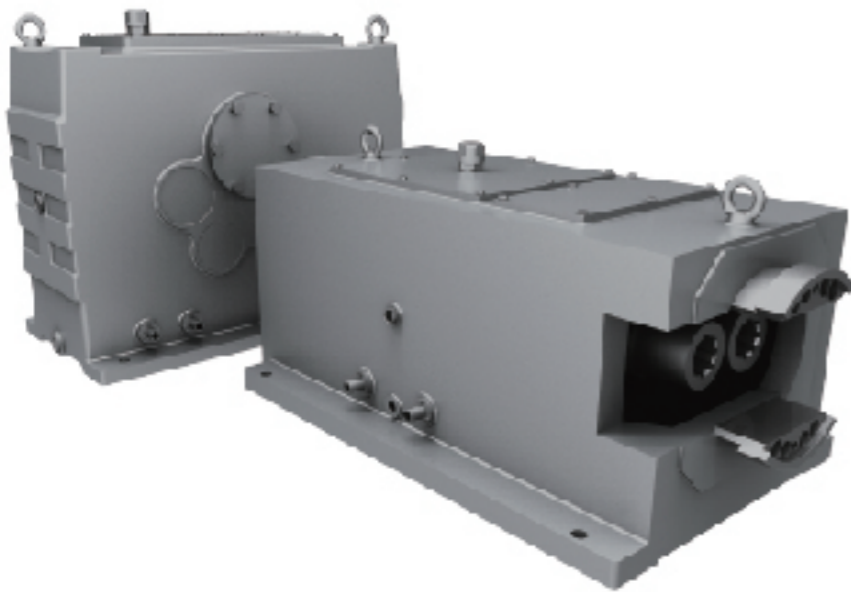
Lifting Special Reducer

NO.006

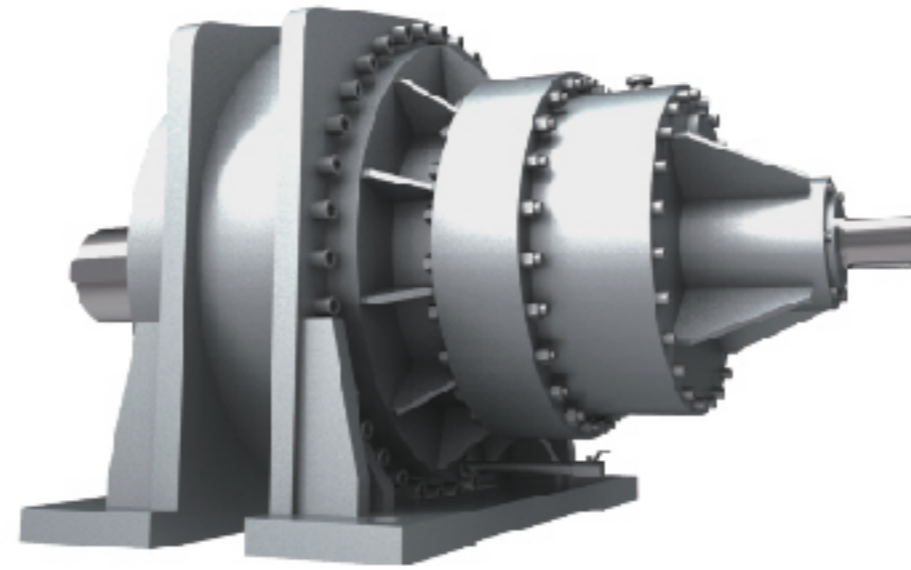
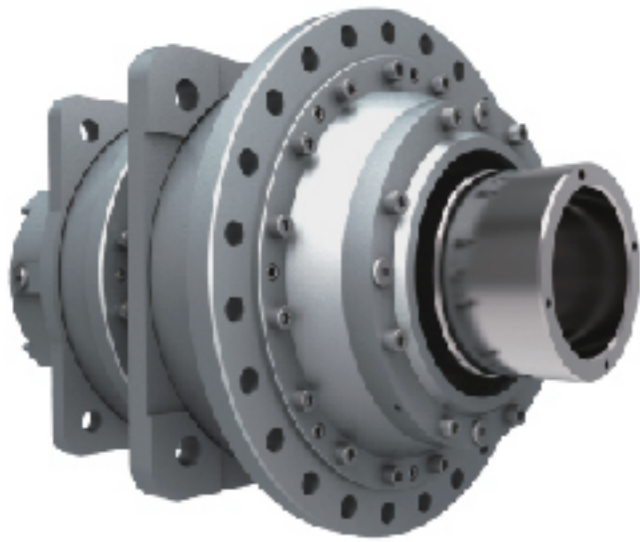


橡塑专用减速机

Plastic and Rubber Special Reducer



NO.007



GX系列行星齿轮减速机

GX Series Planetary Gear Reducer

NO.008



工程机械减速机

Engineering Machinery Reducer

GK 系列 斜齿轮-弧齿锥齿轮减速电机

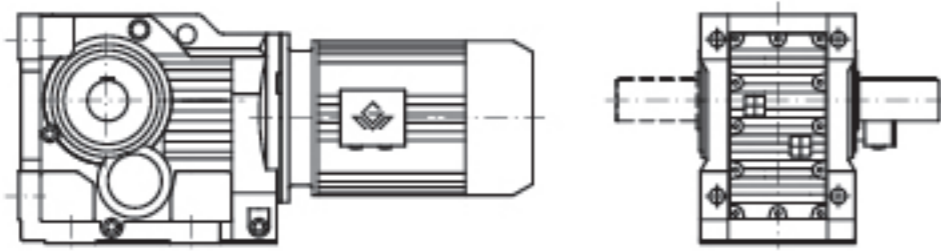
结构形式说明 Dimensional Description

GK 系列输出轴垂直于输入轴，由二级斜齿轮和一级弧齿锥齿轮构成。

Output shafts of GK series geared motors are vertical to input shafts. Each units consist of two stages helical gears and one stage bevel gears.

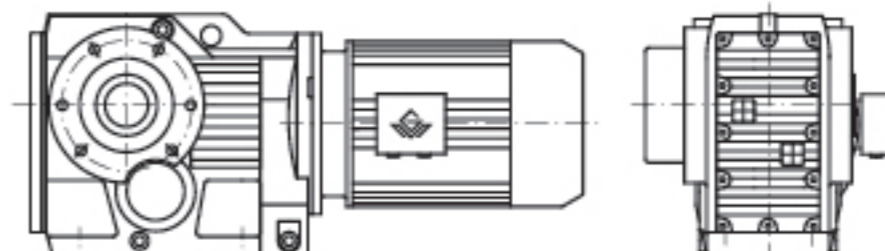
1.GK 型：底脚安装，输出轴为实心轴。

Type GK: Foot mounted. Solid output shaft.



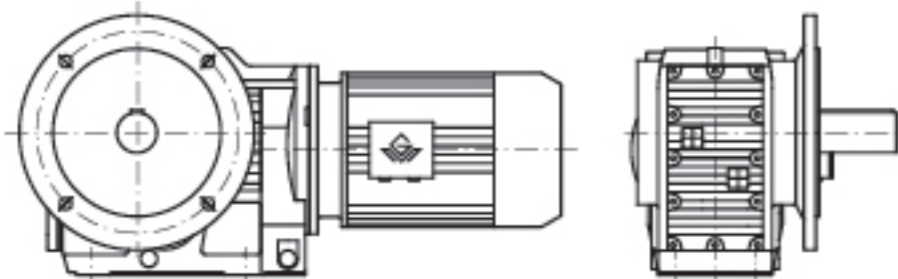
7.GKH 型：空心轴锁紧盘安装。

Type GKH: Hollow shaft and shrink disk.



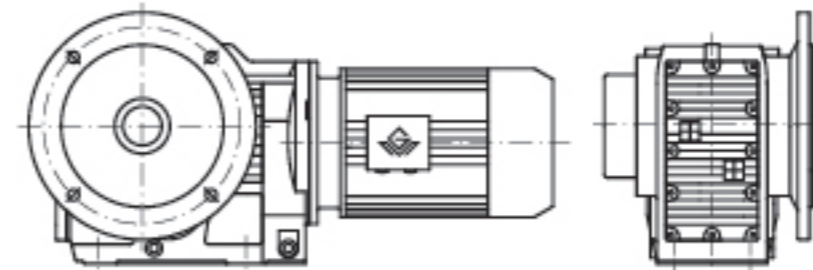
2.GKF 型：B5 法兰安装，输出轴为实心轴。

Type GKF: B5 flange-mounted. Solid output shaft.



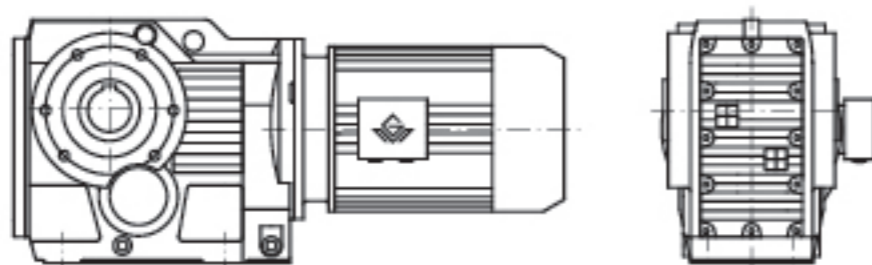
8.GKHF 型：B5 法兰，空心轴锁紧盘安装。

Type GKHF: B5 flange-mounted version with hollow shaft and shrink disk.



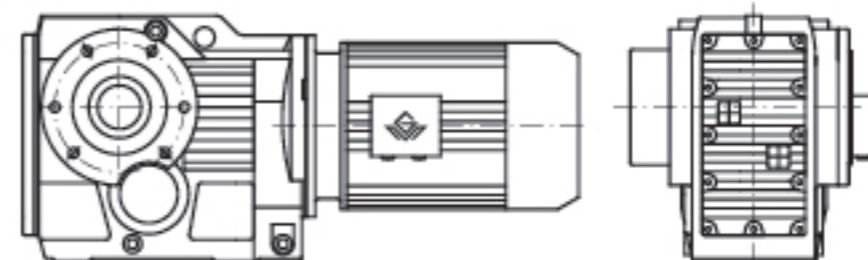
3.GKA 型：轴装式，输出轴为空心轴。

Type GKA : Shaft mounted. Hollow output shaft.



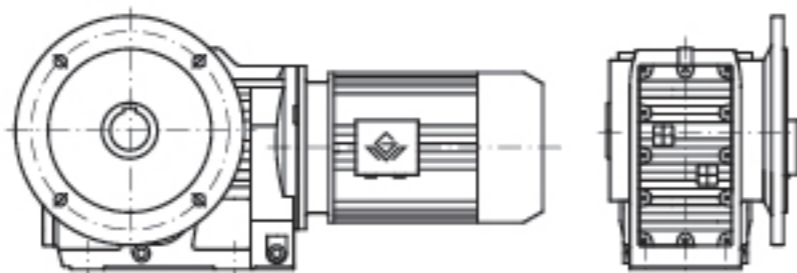
9.GKHZ 型：B14 法兰，空心轴锁紧盘安装。

Type GKHZ: B14 flange-mounted version with hollow shaft and shrink disk.



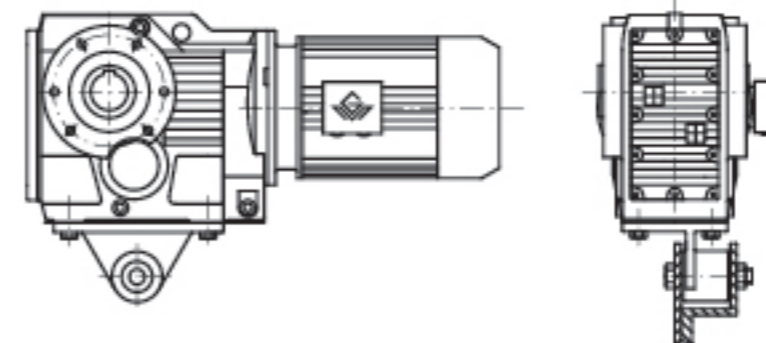
4.GKAF 型：B5 法兰安装，输出轴为空心轴。

Type GKAF: B5 flange-mounted. Hollow output shaft.



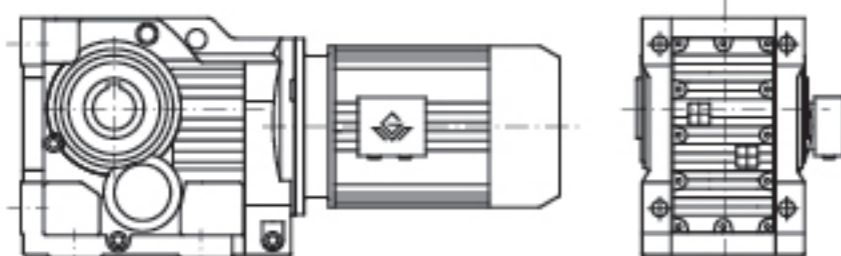
10.GKAT 型/GKHT 型：防转臂安装

Type GKAT/GKHT: Torque arm mounted.



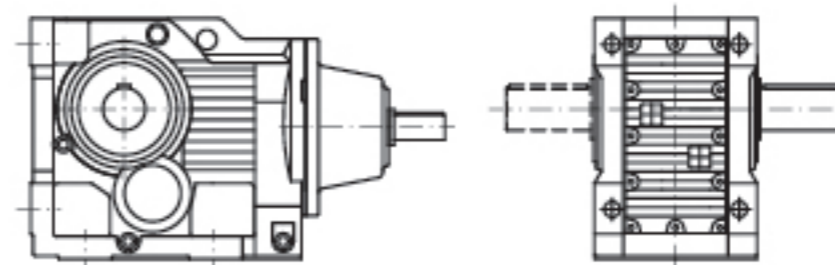
5.GKAB/GKHB 型：用 GK 型箱体，输出轴为空心轴。

Type GKAB/GKHB: Housings of type GK are used. Hollow output shaft.



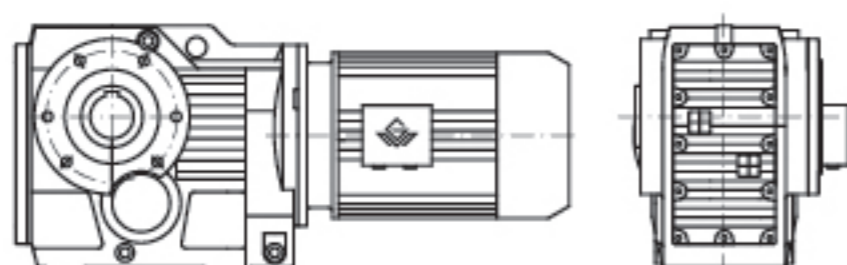
11.GK..AD..型：输入轴型。

Type GK..AD..: Input shaft types.



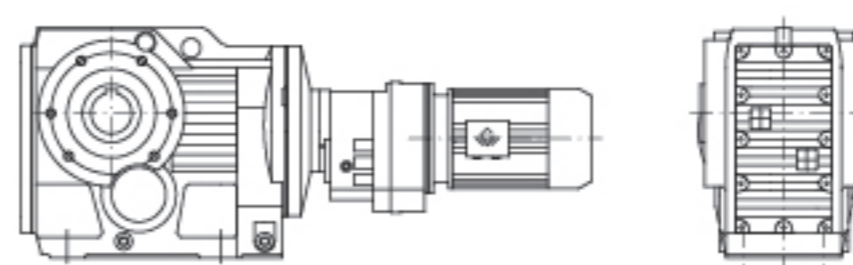
6.GKAZ 型：B14 法兰，空心轴安装。

Type GKAZ: B14 flange-mounted version with hollow shaft.

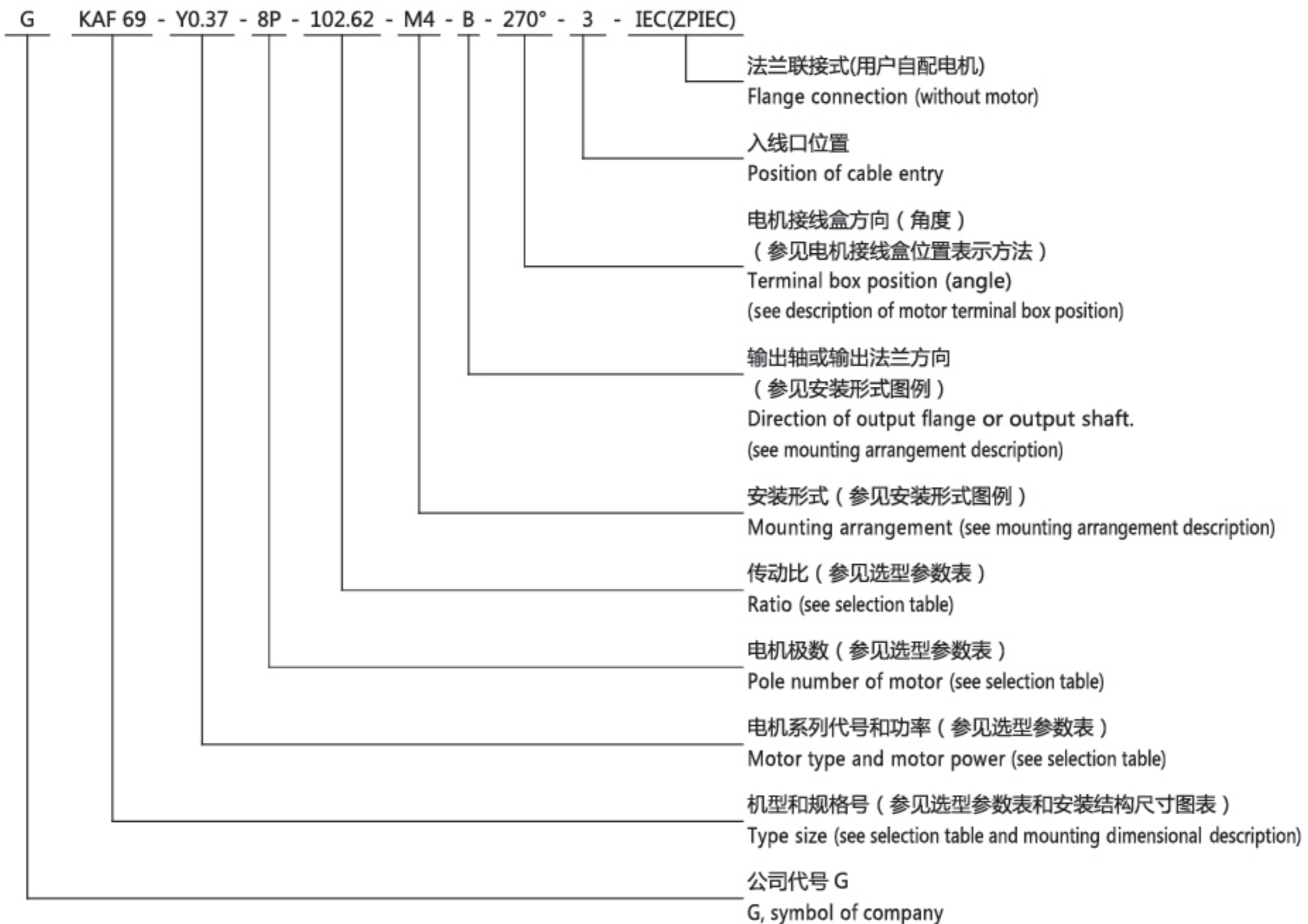


12.GK..R 型：GK 系列和 GR 系列的组合。

Type GK..R: Combined types of type GK and type GR.



GK 系列机型号表示方法 Type Expression of GK Series

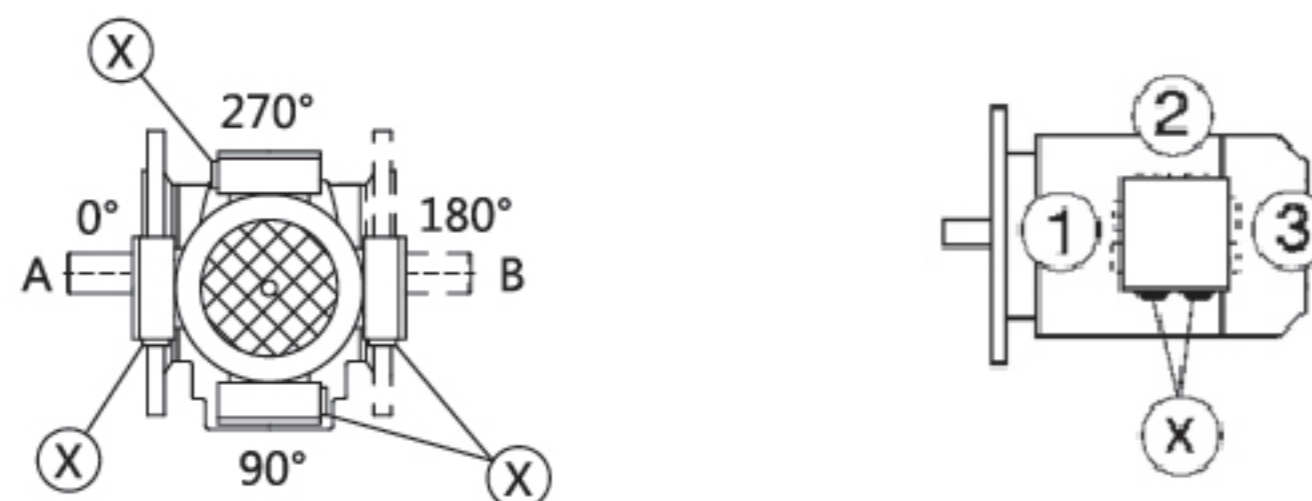


- 注： 1、需带联接法兰时请注明 IEC。
 2、输入轴型没有电机各项内容。
 3、不注明减速机的安装形式时，则默认为安装形式中的 M1 位置。不注明接线盒方向时，则默认为安装形式中的 0 度位置。不注明入线口位置时，则默认为 X 位置。
 4、对输出轴旋转方向和输入轴旋转方向有特别要求的用户，请与技术部联系，并在订货时用简图或文字说明。

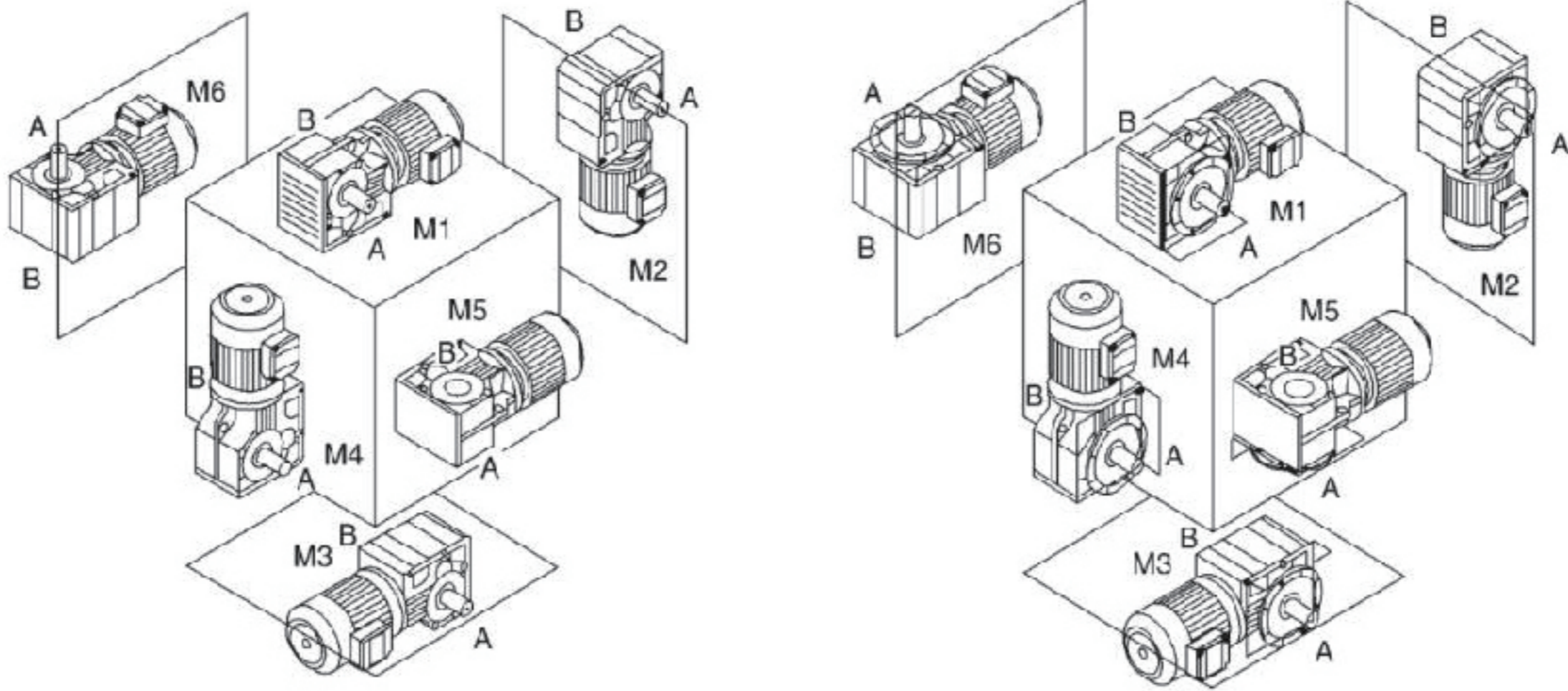
- Note: 1、Please make a note, if it needs connecting flange.
 2、Contents of motors for input shaft types are not listed.
 3、It is M1, When the mounting arrangement of the reducer is not mentioned. Degree=0°, if terminal box position is not mentioned. It is X, if cable entry position is not mentioned.
 4、If specific rotation directions of output shaft or/and input shaft are specially requested, please contact our technology department, and make detailed description while placing order.

电机接线盒位置及入线口位置表示方法

Description of Motor Terminal Box Position and Cable Entry Position



安装形式图例 Mounting Arrangements Description



安装形式定义：

M1-电机水平放置；减速机底脚朝下。

M2-电机居下。

M3-电机水平放置；减速机底脚朝上。

M4-电机居上。

M5-电机水平放置；当减速机在 M1 安装位置时，从电机方向看，减速机的左面旋转到下方位置。

M6-电机水平放置；当减速机在 M1 安装位置时，从电机方向看，减速机的左面旋转到上方位置。

注：电机水平放置时，若电机过重或过长，建议电机增加辅助支撑。

Mounting arrangements are defined as following:

M1-horizontally mounted motor,unit base is at bottom.

M2-motor is vertically mounted downwards.

M3-horizontally mounted motor,unit base is top.

M4-motor is vertically mounted upwards.

M5-horizontally mounted motor,if placed on M1 position,left side of unit turns to bottom(view point:towards from motor side).

M6-horizontally mounted motor,if placed on M1 position,left side of unit turns to top(view point:towards from motor side).

Note: When the motor is placed horizontally, if the motor is too heavy or too long, it is recommended to add auxiliary support to the motor.

减速机重量 Gear Unit Weight

机型号 Type size	GK39 /GKF39	GK49/ GKF49	GK59/ GKF59	GK69/ GKF69	GK79/ GKF79	GK89/ GKF89	GK99/ GKF99	GK109/ GKF109	GK129/ GKF129	GK159/ GKF159	GK169	GK189
重量(kg) Weight	11.9/ 14	18.4/ 21.4	25.2/ 32.1	30/ 35.7	52.4/ 61	93.4/ 104.9	160.9/ 185.8	273/ 281.4	441.4/ 484.5	668.8/ 743.1	1079.4	1690

注：减速机重量为平均值，仅供参考。其重量不包括电机、联接单元、输入单元以及加油量。

Note: The gear weights mean values without the motor and IEC unit and AD unit and refueling volume, only for reference.

选型参数表注释 Description of Selection Table

恒功率 Constant power

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_b	机型号 Type size	极数 Pole
↓	↓	↓	↓	↓		
输出转速 Output speed	输出转矩 Output torque	减速比 Ratio	许用径向载荷 Permissible radial load	使用系数 Service factor		

恒转矩 Constant torque

M_{max} [N.m]	n_a [r/min]	i	F_{Ra} [kN]	机型号 Type size	P [kW]/4P
↓	↓	↓	↓		↓
最大输出转矩 Max.output torque	输出转速 Output speed	减速比 Ratio	许用径向载荷 Permissible radial load		电机功率 Motor power

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole		
0.12kW							0.12kW								
0.07	13856	17550	76	1.00	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.42	726	920	19	2.25	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P		
0.08	12637	16006	76	1.10			1.61	641	812	19	2.55				
0.09	11823	14975	77	1.20			1.86	557	706	19	2.95				
0.11	9822	12440	77	1.40			2.11	489	620	19	3.35				
0.12	8617	10914	78	1.60			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.97	1067	1351	8.8	0.80	GK69R39 GKF69R39 GKA69R39 GKAF69R39	4P
0.13	7752	9819	78	1.80					1.1	925	1171	10	0.95		
0.16	6666	8443	78	2.10					1.3	816	1034	11	1.05		
0.18	5908	7483	78	2.40					1.5	713	903	11	1.20		
0.09	11299	14311	62	0.80	1.7	626			793	12	1.40				
0.11	9641	12211	62	0.90	1.9	550			697	12	1.60				
0.12	8430	10678	62	1.00	2.1	484			613	12	1.80				
0.14	7519	9524	62	1.15	2.4	428			542	12	2.05				
0.16	6575	8328	62	1.30	2.8	372			471	12	2.35				
0.18	5739	7269	62	1.45	3.1	332			420	12	2.60				
0.21	4882	6184	62	1.75	3.6	285	361	12	3.05						
0.23	4470	5662	62	1.90	4.1	255	323	12	3.40						
0.25	4057	5138	62	2.10	4.7	220	279	12	3.95						
0.30	3442	4360	62	2.50	5.3	194	246	12	4.50						
0.16	6360	8055	38	0.80	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.4	715	906	7.4	0.90	GK59R39 GKF59R39 GKA59R39 GKAF59R39	4P		
0.19	5502	6969	38	0.85			1.6	636	806	7.8	1.00				
0.22	4758	6027	38	0.95			1.9	552	699	8.3	1.15				
0.24	4257	5392	38	1.05			2.1	486	615	8.5	1.30				
0.28	3686	4669	38	1.25			2.4	429	544	8.7	1.50				
0.32	3222	4081	38	1.40			2.8	373	473	8.8	1.70				
0.37	2829	3583	38	1.60			3.1	332	421	8.9	1.90				
0.42	2454	3108	38	1.85			3.6	286	362	9.0	2.25				
0.48	2176	2756	38	2.10	4.1	252	319	9.1	2.55						
0.54	1910	2419	38	2.50	4.7	221	280	9.2	2.90						
0.62	1676	2123	38	2.70	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	5.3	194	246	9.3	3.30	GK49R39 GKF49R39 GKA49R39 GKAF49R39	4P		
0.71	1465	1856	38	3.10			6.1	170	215	9.3	3.75				
0.81	1283	1625	38	3.55			6.8	152	192	9.4	4.20				
0.92	1129	1430	38	4.05			2.1	505	639	2.4	0.85				
1.04	996	1261	38	4.60			2.4	436	552	6.0	0.95				
1.19	870	1102	38	5.25			2.6	391	495	6.6	1.10				
0.25	4136	5239	25	0.80			3.1	336	426	6.9	1.25				
0.29	3602	4562	26	0.80			3.5	296	375	7.2	1.45				
0.32	3187	4037	26	0.90	4.0	258	327	7.3	1.65						
0.36	2849	3609	26	1.00	4.5	228	289	7.4	1.85						
0.42	2452	3106	27	1.15	GK89R59 GKF89R59 GKA89R59 GKAF89R59	4P	3.8	273	346	4.6	0.80	GK39R19 GKF39R19 GKA39R19 GKAF39R19	4P		
0.48	2154	2728	27	1.35			4.3	240	304	5.4	0.90				
0.55	1872	2371	27	1.55			4.9	211	267	5.5	1.00				
0.63	1648	2087	27	1.75			5.6	185	234	5.8	1.15				
0.71	1464	1854	27	1.95			6.4	162	205	5.9	1.30				
0.79	1309	1658	27	2.20			7.2	143	181	6.0	1.50				
0.93	1117	1415	27	2.55			8.2	126	160	6.1	1.70				
1.07	970	1229	27	2.95			9.6	107	136	6.2	2.00				
1.22	851	1078	27	3.35	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	5.9	185	144.79	12	4.40	GK69 GKF69 GKA69 GKAF69	6P*		
1.38	751	951	28	3.80			5.9	186	145.15	9.2	3.20				
1.57	661	837	28	4.35	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	6.9	159	123.85	9.3	3.80	GK59 GKF59 GKA59 GKAF59	6P*		
1.80	573	726	28	5.00			7.8	139	108.29	9.3	4.30				
0.48	2136	2706	13	0.80			8.3	132	102.88	9.3	4.60				
0.56	1863	2360	15	0.90			9.4	116	90.26	9.4	5.20				
0.64	1611	2041	16	1.00			11	98	76.56	9.4	6.20				
0.74	1393	1764	17	1.15											

*0.12kW (6P) 电机需特制。*0.12kW motor of 6 poles needs to be specially requested and then manufactured.

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole		
0.18kW							0.18kW								
6.8	227	192	9.1	2.80	GK59R39	4P	44	37	29.96	5.0	5.10	GK39 GKF39 GKA39 GKAF39	4P		
7.9	197	166	9.2	3.25	GKF59R39		45	36	28.83	4.9	5.30				
3.5	444	375	5.6	0.95	GKA59R39		52	31	24.99	4.7	6.20				
4.0	387	327	6.1	1.10	GKAF59R39		56	29	23.36	4.6	6.40				
4.5	342	289	6.6	1.25	GK49R39 GKF49R39 GKA49R39 GKAF49R39	4P	65	25	20.19	4.4	7.00				
5.1	303	256	6.9	1.40			76	21	17.15	4.2	8.10				
5.8	266	225	7.1	1.60			86	19	15.32	4.1	8.80				
6.6	234	198	7.3	1.80			100	16	13.08	3.9	9.70				
7.7	203	171	7.5	2.10			108	15	12.14	3.8	10				
8.6	181	153	7.6	2.35			125	13	10.49	3.6	12				
10	155	131	7.6	2.75			147	11	8.91	3.4	14				
									165	9.9	7.96			3.3	15
6.4	243	205	5.0	0.85	GK39R19	4P	0.25kW								
7.2	214	181	5.4	1.00	GKF39R19		0.14	16151	9819	72	0.85			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P
8.2	189	160	5.6	1.10	GKA39R19		0.16	13887	8443	75	1.00				
9.6	161	136	5.8	1.30	GKAF39R19		0.18	12308	7483	76	1.15				
10	150	127	5.9	1.40	GK69 GKF69 GKA69 GKAF69	6P	0.20	10798	6565	77	1.30				
5.9	276	144.79	12	2.90			0.23	9547	5804	77	1.45				
6.9	236	123.54	12	3.40			0.26	8269	5027	78	1.70				
7.9	206	108.03	12	3.80			0.30	7275	4423	78	1.95				
8.3	196	102.62	12	4.00			0.34	6397	3889	78	2.20				
9.0	180	144.79	12	4.30			0.40	5446	3311	78	2.55				
11	154	123.54	12	5.10			GK69 GKF69 GKA69 GKAF69	4P	0.22	10019	6184	62	0.85		
12	135	108.03	12	5.80					0.23	9173	5662	62	0.90		
5.9	279	145.15	8.9	2.10	0.26	8324			5138	62	1.00				
6.9	238	123.85	9.0	2.50	0.31	7064			4360	62	1.20				
7.8	208	108.29	9.1	2.80	GK59	6P	0.35	6174	3811	62	1.35	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P		
8.3	198	102.88	9.1	3.00	GKF59		0.40	5440	3358	62	1.55				
9.4	173	90.26	9.2	3.40	GKA59		0.45	4823	2977	62	1.75				
9.0	181	145.15	9.2	3.20	GKAF59		0.51	4209	2598	62	2.00				
11	154	123.85	9.3	3.70	GK59 GKF59 GKA59 GKAF59		4P	0.58	3704	2286	62			2.25	
12	135	108.29	9.3	4.30				0.69	3141	1939	62			2.65	
13	128	102.88	9.3	4.50				0.78	2775	1713	62			3.00	
15	113	90.26	9.4	5.10				0.86	2519	1555	62			3.30	
17	95	76.56	9.4	6.00	GK49	6P	1.0	2164	1336	62	3.85				
6.4	253	131.87	7.0	1.55	GKF49		0.43	5035	3108	38	0.85			GK109R79 GKF109R79 GKA109R79 GKAF109R79 GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P
7.0	233	121.48	7.2	1.65	GKA49		0.48	4465	2756	38	1.00				
8.1	201	104.37	7.4	1.95	GKAF49		0.55	3919	2419	38	1.15				
9.4	175	90.86	7.5	2.20	GK49 GKF49 GKA49 GKAF49	4P	0.63	3439	2123	38	1.30				
10	164	85.12	7.5	2.40			0.72	3007	1856	38	1.50				
10	164	131.87	7.5	2.30			0.82	2633	1625	38	1.70				
11	151	121.48	7.6	2.50			0.93	2317	1430	38	1.95				
13	130	104.37	7.7	2.90			1.1	2043	1261	38	2.20				
14	113	90.86	7.7	3.40			1.2	1785	1102	38	2.50				
15	106	85.12	7.7	3.60			1.4	1550	957	38	2.90				
15	106	85.12	7.7	3.60			1.6	1385	855	38	3.25				
8.0	204	106.38	5.2	0.95	GK39	6P	0.64	3381	2087	25	0.85				
8.7	188	97.81	5.4	1.05	GKF39		0.72	3004	1854	26	0.95				
10	161	83.69	5.7	1.20	GKA39		0.80	2686	1658	26	1.05				
12	139	72.54	5.9	1.40	GKAF39		0.94	2292	1415	26	1.25				
12	133	106.38	5.9	1.45	GK39 GKF39 GKA39 GKAF39	4P	1.1	1991	1229	27	1.40				
13	122	97.81	6.0	1.55			1.2	1746	1078	27	1.60				
16	104	83.69	6.1	1.85			1.4	1541	951	27	1.85				
18	90	72.54	6.1	2.10			1.6	1356	837	27	2.10				
19	85	67.80	6.2	2.30			1.8	1176	726	27	2.40				
22	73	58.60	6.0	2.60			2.1	1034	638	27	2.75				
26	62	49.79	5.7	3.10											
29	55	44.46	5.5	3.50											
35	47	37.97	5.3	4.10											
37	44	35.57	5.2	4.30											

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole
0.25kW							0.25kW						
1.3	1698	1048	14	0.95			9.2	248	145.15	8.9	2.20		
1.4	1490	920	15	1.10			11	211	123.85	9.1	2.60	GK59	
1.6	1316	812	16	1.20			12	185	108.29	9.2	3.00	GKF59	4P
1.9	1144	706	17	1.40			13	175	102.88	9.2	3.20	GKA59	
2.1	1004	620	17	1.60			15	154	90.26	9.3	3.60	GKAF59	
2.4	891	550	18	1.80	GK79R39		17	131	76.56	9.3	4.30		
2.8	783	483	18	2.05	GKF79R39	4P	6.4	352	131.87	6.1	1.10	GK49	
3.1	690	426	18	2.35	GKA79R39		7.0	324	121.48	6.4	1.20	GKF49	6P
3.6	593	366	19	2.70	GKAF79R39		8.1	278	104.37	6.8	1.40	GKA49	
4.1	528	326	19	3.05			9.4	242	90.86	7.1	1.60	GKAF49	
4.6	468	289	19	3.45			10	227	85.12	7.2	1.75		
5.3	407	251	19	3.95			10	225	131.87	7.1	1.65	GK49	
6.0	356	220	19	4.50			11	207	121.48	7.3	1.80	GKF49	4P
6.9	314	194	19	5.15			13	178	104.37	7.4	2.10	GKA49	
7.6	282	174	19	5.70			15	155	90.86	7.5	2.40	GKAF49	
2.2	993	613	7.0	0.85			16	145	85.12	7.6	2.60		
2.5	878	542	10	1.00			10	223	83.69	5.0	0.90	GK39	
2.8	763	471	10	1.10	GK69R39		12	194	72.54	5.4	1.00	GKF39	6P
3.2	680	420	11	1.25	GKF69R39	4P	13	181	67.80	5.5	1.10	GKA39	
3.7	585	361	11	1.45	GKA69R39		15	156	58.60	5.7	1.25	GKAF39	
4.1	523	323	12	1.65	GKAF69R39		17	133	49.79	5.9	1.50		
4.8	452	279	12	1.90			13	181	106.38	5.4	1.00		
5.4	399	246	12	2.15			14	167	97.81	5.6	1.10		
6.1	352	217	12	2.45			16	143	83.69	5.8	1.30		
3.2	682	421	5.5	0.90			18	124	72.54	5.9	1.50		
3.7	586	362	7.4	1.05			20	116	67.80	5.9	1.60		
4.2	517	319	8.0	1.20			23	100	58.60	5.7	1.85		
4.8	454	280	8.3	1.40			27	85	49.79	5.5	2.20		
5.4	399	246	8.5	1.55	GK59R39		30	76	44.46	5.4	2.50		
6.2	348	215	8.7	1.80	GKF59R39	4P	35	65	37.97	5.2	2.90		
6.9	311	192	8.8	2.00	GKA59R39		37	61	35.57	5.1	3.10		
8.0	269	166	9.0	2.35	GKAF59R39		44	51	29.96	4.8	3.60	GK39	4P
9.2	235	145	9.1	2.65			46	49	28.83	4.8	3.80	GKF39	
10	209	129	9.1	3.00			53	43	24.99	4.6	4.40	GKA39	
12	180	111	9.2	3.50			57	40	23.36	4.5	4.60	GKAF39	
14	157	97	9.3	4.00			66	34	20.19	4.4	5.00		
4.2	544	153.40	19	2.90	GK79		78	29	17.15	4.2	5.70		
4.7	478	134.74	19	3.30	GKF79	8P	87	26	15.32	4.0	6.20		
5.0	454	128.00	19	3.40	GKA79		102	22	13.08	3.8	6.90		
5.7	401	113.10	19	3.90	GKAF79		110	21	12.14	3.7	7.20		
4.4	511	191.40	19	2.80	GK79		127	18	10.49	3.6	8.30		
4.8	477	178.64	19	3.00	GKF79	6P	149	15	8.91	3.4	9.80		
5.5	409	153.40	19	3.70	GKA79		167	14	7.96	3.3	11.00		
6.3	360	134.74	19	4.20	GKAF79		196	12	6.80	3.1	12.00		
5.2	438	123.54	12	1.90	GK69		209	11	6.37	3.1	12.00		
5.9	383	108.03	12	2.20	GKF69	8P	0.37kW						
6.2	364	102.62	12	2.30	GKA69		0.18	17942	7483	69	0.75		
7.1	319	90.04	12	2.60	GKAF69		0.20	15741	6565	73	0.90	GK129R79	
5.9	386	144.79	12	2.10	GK69		0.23	13916	5804	75	1.00	GKF129R79	4P
6.9	330	123.54	12	2.50	GKF69	6P	0.26	12053	5027	76	1.15	GKA129R79	
7.9	288	108.03	12	2.80	GKA69		0.30	10605	4423	77	1.30	GKAF129R79	
8.3	274	102.62	12	3.00	GKAF69		0.34	9325	3889	77	1.45		
9.2	247	144.79	12	3.10	GK69		0.40	7939	3311	78	1.75		
11	211	123.54	12	3.60	GKF69	4P	0.69	4618	1926	78	2.95	GK129R79	
12	184	108.03	12	4.10	GKA69		0.76	4213	1757	78	3.25	GKF129R79	4P
13	175	102.62	12	4.30	GKAF69		0.86	3695	1541	78	3.70	GKA129R79	
5.9	387	145.15	8.5	1.50								GKAF129R79	
6.9	330	123.85	8.7	1.80	GK59		0.35	9138	3811	62	0.90		
7.8	289	108.29	8.8	2.00	GKF59	6P	0.40	8052	3358	62	1.05	GK109R79	
8.3	275	102.88	8.9	2.20	GKA59		0.45	7138	2977	62	1.15	GKF109R79	4P
9.4	241	90.26	9.0	2.50	GKAF59		0.51	6229	2598	62	1.35	GKA109R79	
11	204	76.56	9.1	2.90			0.58	5481	2286	62	1.55	GKAF109R79	
							0.69	4649	1939	62	1.80		

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole
0.37kW							0.37kW						
0.78	4107	1713	62	2.05	GK109R79	4P	3.8	886	174.19	27	3.00	GK89	8P
0.86	3728	1555	62	2.25	GKF109R79		4.0	836	164.34	27	3.20	GKF89	
1.0	3203	1336	62	2.60	GKA109R79		4.5	749	147.33	27	3.50	GKA89	
1.1	2796	1166	62	3.00	GKAF109R79							GKAF89	
0.63	5090	2123	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	4.5	744	197.37	27	3.50	GK89	6P
0.72	4450	1856	38	1.00			5.1	657	174.19	27	4.00	GKF89	
0.82	3896	1625	38	1.15								GKA89	8P
0.93	3429	1430	38	1.30								GKAF89	
1.1	3024	1261	38	1.50								GK79	8P
1.2	2642	1102	38	1.70								GKF79	
1.4	2295	957	38	1.95								GKA79	
1.6	2050	855	38	2.20								GKAF79	
1.8	1782	743	38	2.50								GK79	6P
2.0	1561	651	38	2.90								GKF79	
2.3	1374	573	38	3.25						GKA79			
										GKAF79			
0.94	3393	1415	25	0.85	GK89R59 GKF89R59 GKA89R59 GKAF89R59	4P	6.9	483	191.40	19	3.00	GK79	4P
1.1	2947	1229	26	0.95			7.4	451	178.64	19	3.20	GKF79	
1.2	2585	1078	26	1.10								GKA79	8P
1.4	2280	951	27	1.25								GKAF79	
1.6	2007	837	27	1.40								GK79	6P
1.8	1741	726	27	1.60								GKF79	
2.1	1530	638	27	1.85								GKA79	
2.4	1348	562	27	2.10								GKAF79	
2.8	1137	474	27	2.50								GK79	4P
3.1	1021	426	27	2.75								GKF79	
3.6	894	373	27	3.15						GKA79			
										GKAF79			
1.6	1947	812	10	0.85	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	6.1	549	108.03	11	1.45	GK69	8P
1.9	1693	706	14	0.95			6.4	522	102.62	12	1.55	GKF69	
2.1	1487	620	16	1.10			7.3	458	90.04	12	1.75	GKA69	
2.4	1319	550	16	1.20								GKAF69	
2.8	1158	483	17	1.40								GK69	6P
3.1	1021	426	18	1.60								GKF69	
3.6	878	366	18	1.85								GKA69	
4.1	782	326	18	2.05								GKAF69	
4.6	693	289	18	2.30								GK69	4P
5.3	602	251	19	2.70								GKF69	
6.0	528	220	19	3.05								GKA69	
6.9	465	194	19	3.45								GKAF69	
7.6	417	174	19	3.85								GK69	6P
8.7	367	153	19	4.40								GKF69	
										GKA69			
										GKAF69			
3.2	1007	420	8.6	0.85	GK69R39 GKF69R39 GKA69R39 GKAF69R39	4P	7.2	467	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	6P
3.7	866	361	10	1.00			8.2	408	108.29	8.3	1.40		
4.1	774	323	11	1.10			8.7	388	102.88	8.4	1.50		
4.8	669	279	11	1.30			9.9	340	90.26	8.6	1.70		
5.4	590	246	12	1.45			11.6	289	76.56	8.8	2.00	GK49 GKF49 GKA49 GKAF49	6P
6.1	520	217	12	1.65			12.9	261	69.12	8.9	2.20		
7.0	458	191	12	1.85								GK59 GKF59 GKA59 GKAF59	4P
8.0	398	166	12	2.15			9.2	366	145.15	8.6	1.60		
9.2	345	144	12	2.50			11	313	123.85	8.8	1.90		
11	293	122	12	2.95			12	273	108.29	8.9	2.20		
4.8	671	280	7.1	0.95			GK59R39 GKF59R39 GKA59R39 GKAF59R39	4P	13	260	102.88	8.9	2.30
5.4	590	246	7.6	1.05	15	228			90.26	9.1	2.60		
6.2	516	215	8.1	1.20	17	193			76.56	9.2	3.10		
6.9	460	192	8.3	1.35	19	174			69.12	9.2	3.40		
8.0	398	166	8.6	1.55	8.5	394			104.37	5.2	1.00	GK49 GKF49 GKA49 GKAF49	4P
9.2	348	145	8.7	1.80	9.8	343			90.86	6.2	1.10		
10	309	129	8.9	2.00	10	321			85.12	6.4	1.20		
12	266	111	9.0	2.35	12	284			75.20	6.7	1.35		
14	233	97	9.1	2.70								GK49 GKF49 GKA49 GKAF49	4P
					10	333			131.87	6.4	1.20		
					11	307			121.48	6.6	1.30		
					13	263	104.37	7.0	1.50				
					15	229	90.86	7.2	1.70				
					16	215	85.12	7.3	1.85	GK49 GKF49 GKA49 GKAF49	4P		
					18	190	75.20	7.4	2.10				
					19	176	69.84	7.5	2.20				
					21	160	63.30	7.6	2.50				

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	
0.37kW							0.55kW							
14	247	97.81	2.4	0.80			1.3	3513	1030	62	2.30			
16	211	83.69	5.2	0.95			1.5	3083	904	62	2.60	GK109R79	4P	
18	183	72.54	5.4	1.10			1.8	2704	793	62	2.95	GKF109R79		
20	171	67.80	5.3	1.15			2.0	2374	696	62	3.35	GKA109R79		
23	148	58.60	5.2	1.35			2.3	2094	614	62	3.80	GKAF109R79		
27	126	49.79	5.1	1.55			0.97	4877	1430	38	0.90			
30	112	44.46	5.0	1.75			1.1	4300	1261	38	1.00			
35	96	37.97	4.8	2.10			1.3	3758	1102	38	1.15			
37	90	35.57	4.7	2.20			1.5	3264	957	38	1.30			
44	76	29.96	4.6	2.60			1.6	2916	855	38	1.45	GK99R59	4P	
46	73	28.83	4.5	2.70	GK39	4P	1.9	2534	743	38	1.70	GKF99R59		
53	63	24.99	4.4	3.10	GKF39		2.1	2220	651	38	1.95	GKA99R59		
57	59	23.36	4.3	3.30	GKA39		2.4	1954	573	38	2.20	GKAF99R59		
66	51	20.19	4.1	3.60	GKAF39		2.8	1719	504	38	2.50			
78	43	17.15	4.0	4.10			3.2	1490	437	38	2.90			
87	39	15.32	3.8	4.50			3.6	1303	382	38	3.30			
102	33	13.08	3.7	4.90			4.6	1040	305	38	4.15			
110	31	12.14	3.6	5.10			1.5	3243	951	25	0.85			
127	26	10.49	3.4	5.90			1.7	2854	837	26	0.95			
149	22	8.91	3.3	7.00			1.9	2476	726	26	1.10			
167	20	7.96	3.2	7.60		2.2	2176	638	27	1.25				
196	17	6.80	3.0	8.60		2.5	1917	562	27	1.40	GK89R59	4P		
209	16	6.37	3.0	8.90		2.9	1617	474	27	1.65	GKF89R59			
248	14	5.36	2.8	10		3.3	1453	426	27	1.85	GKA89R59			
						3.7	1272	373	27	2.10	GKAF89R59			
						4.2	1125	330	27	2.40				
						4.7	999	293	27	2.70				
						5.6	853	250	27	3.15				
						5.9	805	236	27	3.35				
						6.9	685	201	27	3.95				
						2.5	1876	550	5.5	0.80				
						2.9	1647	483	14	0.95				
						3.3	1453	426	15	1.05				
						3.8	1248	366	16	1.25	GK79R39	4P		
						4.3	1112	326	17	1.40	GKF79R39			
						4.8	986	289	17	1.55	GKA79R39			
						5.5	856	251	18	1.80	GKAF79R39			
						6.3	750	220	18	2.05				
						7.2	662	194	18	2.35				
						8.0	593	174	19	2.60				
						9.1	522	153	19	2.95				
						5.0	951	279	7	0.85				
						5.7	839	246	10	1.00	GK69R39		4P	
						6.4	740	217	10	1.10	GKF69R39			
						7.3	651	191	11	1.25	GKA69R39			
						8.4	566	166	11	1.45	GKAF69R39			
						9.7	491	144	12	1.65				
						11	416	122	12	1.95				
						7.2	655	192	4.9	0.90				
						8.4	566	166	7.5	1.05	GK59R39	4P		
						9.6	495	145	8.0	1.20	GKF59R39			
						11	440	129	8.2	1.35	GKA59R39			
						13	379	111	8.5	1.60	GKAF59R39			
						14	331	97	8.7	1.80				
						3.8	1317	174.19	27	2.00	GK89		8P	
						4.0	1242	164.34	27	2.10	GKF89			
						4.5	1114	147.33	27	2.40	GKA89			
											GKAF89			

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
0.55kW							0.55kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
4.5	1107	197.37	27	2.30	GK89	6P	91	55	15.32	3.7	3.00	GK39 GKF39 GKA39 GKAF39	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
5.1	977	174.19	27	2.70	GKF89		5.4	921	164.34	27	2.80			GKA89	6.0	826	147.33	27	3.10	GKAF89	4.9	1019	134.74	17	1.50	GK79	8P	106	47	13.08	3.5	3.30	5.2	968	128.00	17	1.55	GKF79	5.8	855	113.10	18	1.75	GKA79	6.8	731	96.66	18	2.10	GKAF79	5.8	860	153.40	18	1.70	GK79	6P	114	44	12.14	3.5	3.40	6.6	755	134.74	18	1.95	GKF79	7.0	718	128.00	18	2.10	GKA79	7.9	634	113.10	18	2.30	GKAF79	9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91	3.2	4.70	10	484	134.74	19	3.00	GKF79	11	459	128.00	19	3.10	GKA79	12	406	113.10	19	3.50	GKAF79	14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2	606	108.03	11	1.30	GKF69	8.7	575	102.62	11	1.35	GKA69	9.9	505	90.04	12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13	388	108.03	12	1.95	GKF69	15	323	90.04	12	2.40	GKA69	18	274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90	8.7	577	102.88	7.2	1.00	9.9	506	90.26	7.8	1.15	12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50	15	341	60.81	8.6	1.70	15	322	57.42	8.7	1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80	13	389	108.29	8.4	1.45	14	369	102.88	8.4	1.50	15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00	20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24	204	56.83	7.3	1.80	28	176	48.95	7.4	2.10	30	165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179	49.79	4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861	5991	171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10	0.26	24903	5355	135	1.35	0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																						
5.4	921	164.34	27	2.80	GKA89		6.0	826	147.33	27	3.10			GKAF89	4.9	1019	134.74	17	1.50	GK79	8P	106	47	13.08	3.5	3.30		5.2	968	128.00	17	1.55	GKF79	5.8	855	113.10	18	1.75	GKA79	6.8	731	96.66	18	2.10	GKAF79	5.8	860	153.40	18	1.70	GK79	6P	114	44	12.14	3.5		3.40	6.6	755	134.74	18	1.95	GKF79	7.0	718	128.00	18	2.10	GKA79	7.9	634	113.10	18	2.30	GKAF79	9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91		3.2	4.70	10	484	134.74	19	3.00	GKF79	11	459	128.00	19	3.10	GKA79	12	406	113.10	19	3.50	GKAF79	14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29		7.96	3.1	5.10	8.2	606	108.03	11	1.30	GKF69	8.7	575	102.62	11	1.35	GKA69	9.9	505	90.04	12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204		24	6.80	3.0	5.70	13	388	108.03	12	1.95	GKF69	15	323	90.04	12	2.40	GKA69	18	274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59			6P	218	23	6.37	2.9	5.90	8.7	577	102.88	7.2	1.00	9.9	506	90.26	7.8	1.15	12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50	15	341	60.81	8.6	1.70	15	322	57.42	8.7	1.80	11	445	123.85	8.1			1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80	13	389	108.29	8.4	1.45	14	369	102.88	8.4	1.50	15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00	20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375			104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50			22	227	63.30	7.1	1.65			GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24	204	56.83	7.3	1.80	28	176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179	49.79	4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9			2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377			6747	171	1.65	0.23	27861	5991	171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10	0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10			0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051			108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78			2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204			904	62	1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																													
6.0	826	147.33	27	3.10	GKAF89		4.9	1019	134.74	17	1.50			GK79	8P	106	47	13.08	3.5	3.30		5.2	968	128.00	17	1.55		GKF79	5.8	855	113.10	18	1.75	GKA79	6.8	731	96.66	18	2.10	GKAF79	5.8	860	153.40	18	1.70	GK79	6P	114	44	12.14	3.5		3.40	6.6	755	134.74		18	1.95	GKF79	7.0	718	128.00	18	2.10	GKA79	7.9	634	113.10	18	2.30	GKAF79	9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91		3.2	4.70	10		484	134.74	19	3.00	GKF79	11	459	128.00	19	3.10	GKA79	12	406	113.10	19	3.50	GKAF79	14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29		7.96	3.1		5.10	8.2	606	108.03	11	1.30	GKF69	8.7	575	102.62	11	1.35	GKA69	9.9	505	90.04	12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204		24		6.80	3.0	5.70	13	388	108.03	12	1.95	GKF69	15	323	90.04	12	2.40	GKA69	18	274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59					6P	218	23	6.37	2.9	5.90	8.7	577	102.88	7.2	1.00	9.9	506	90.26	7.8	1.15	12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50	15	341	60.81	8.6	1.70	15	322	57.42	8.7	1.80	11	445	123.85			8.1			1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80	13	389	108.29	8.4	1.45	14	369	102.88	8.4	1.50	15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00	20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1			2.70	13	375			104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50					22	227	63.30	7.1	1.65			GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24	204			56.83	7.3	1.80	28	176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179	49.79	4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99			4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9			2.40	81			62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377			6747	171	1.65	0.23	27861	5991	171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10	0.26	24903	5355	135	1.35	0.34	18969	4079	135			1.75	0.41	15700			3376	135	2.10	0.39	16463	3540	107			1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715			1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957			1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177			78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555			62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8			3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65								
4.9	1019	134.74	17	1.50	GK79	8P	106	47	13.08	3.5	3.30			5.2		968	128.00	17	1.55	GKF79		5.8	855	113.10	18	1.75		GKA79	6.8	731	96.66	18	2.10	GKAF79	5.8	860	153.40	18	1.70	GK79	6P	114	44	12.14	3.5	3.40		6.6	755	134.74	18		1.95	GKF79	7.0	718		128.00	18	2.10	GKA79	7.9	634	113.10	18	2.30	GKAF79	9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91	3.2		4.70	10	484		134.74	19	3.00		GKF79	11	459	128.00	19	3.10	GKA79	12	406	113.10	19	3.50	GKAF79	14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96		3.1	5.10		8.2	606		108.03	11	1.30	GKF69	8.7	575	102.62	11	1.35	GKA69	9.9	505	90.04	12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24		6.80		3.0		5.70	13	388	108.03	12	1.95	GKF69	15	323	90.04	12	2.40	GKA69	18	274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P							218	23	6.37	2.9	5.90	8.7	577	102.88	7.2	1.00	9.9	506	90.26	7.8	1.15	12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50	15	341	60.81	8.6	1.70	15	322	57.42	8.7	1.80	11	445	123.85			8.1			1.25			GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80	13	389	108.29	8.4	1.45	14	369	102.88	8.4	1.50	15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00	20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206			57.42	9.1	2.70			13	375	104.37			5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50	18			270	75.20	6.8	1.40	20					251	69.84	6.9	1.50	22					227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49			4P	0.11			60996	13116	158	0.85	GK189R99 GKA189R99	4P	24	204	56.83			7.3	1.80	28	176	48.95	7.4	2.10	30	165			46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179	49.79	4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96			4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1			2.10	60			84	23.36	4.0	2.20	69	72	20.19	3.9	2.40			81	62			17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747			171	1.65	0.23	27861	5991	171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355	135	1.35	0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463			3540	107	1.10			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659			110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311			72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78			2.40	1.4	4767			1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336			62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688			793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258
5.2	968	128.00	17	1.55	GKF79		5.8	855	113.10	18	1.75			GKA79		6.8	731	96.66	18	2.10		GKAF79	5.8	860	153.40	18	1.70	GK79	6P	114	44	12.14	3.5	3.40	6.6	755	134.74	18	1.95	GKF79		7.0	718	128.00	18	2.10		GKA79	7.9	634	113.10		18	2.30	GKAF79	9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91	3.2	4.70	10	484	134.74	19	3.00	GKF79		11	459	128.00	19		3.10	GKA79	12		406	113.10	19	3.50	GKAF79	14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2	606	108.03	11	1.30	GKF69		8.7	575	102.62		11	1.35		GKA69	9.9	505	90.04	12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13	388	108.03	12	1.95	GKF69		15	323		90.04		12	2.40	GKA69	18	274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90	8.7	577	102.88	7.2	1.00									9.9	506	90.26	7.8	1.15	12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50	15	341	60.81	8.6	1.70	15	322	57.42	8.7	1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80	13			389			108.29					8.4	1.45	14	369	102.88	8.4	1.50	15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00	20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15			326	90.86			6.2	1.15	16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11					60996	13116	158	0.85	GK189R99 GKA189R99					4P	24	204	56.83					7.3			1.80	28	176	48.95			7.4	2.10	30			165	46.04	7.5	2.20	24	210	58.60	4.6	0.90			GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28			179	49.79	4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72			20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50			GK169R99 GKA169R99	4P			0.21	31377	6747	171	1.65	0.23	27861	5991			171	1.90	0.16			40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10	0.26			24903	5355	135	1.35	0.34			18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051			108	1.25	0.84	7715	1659			110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110			2.80	0.42			15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993			3009	75			0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90			7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025			78	2.80	1.5			4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231			1555	62	1.10	1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62			2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P			1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258
5.8	855	113.10	18	1.75	GKA79		6.8	731	96.66	18	2.10			GKAF79		5.8	860	153.40	18	1.70	GK79	6P	114	44	12.14	3.5	3.40	6.6		755	134.74	18	1.95	GKF79	7.0	718	128.00	18	2.10	GKA79		7.9	634	113.10	18	2.30		GKAF79	9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91	3.2	4.70	10		484	134.74	19	3.00	GKF79	11	459	128.00	19	3.10	GKA79		12	406	113.10	19		3.50	GKAF79	14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2		606	108.03	11	1.30	GKF69	8.7	575	102.62	11	1.35	GKA69		9.9	505	90.04		12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15	323	90.04	12	2.40	GKA69		18	274		76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00	9.9	506	90.26	7.8	1.15									12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50	15	341	60.81	8.6	1.70	15	322	57.42	8.7	1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36			2.8	6.80	13	389	108.29	8.4			1.45			14					369	102.88	8.4	1.50	15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00	20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2			1.15	16			306	85.12	6.5	1.50	18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11			60996	13116	158	0.85	GK189R99 GKA189R99	4P	24	204	56.83							7.3	1.80	28					176			48.95	7.4	2.10	30			165	46.04	7.5			2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12					54164	11647	169	0.95	28	179			49.79	4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21					31377	6747	171	1.65	0.23	27861	5991	171	1.90	0.16			40129	8629	135			0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21			30516	6562	135	1.10	0.26	24903			5355	135	1.35	0.34	18969			4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	0.46	14189			3051	108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	1.0	6348	1365			110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	0.46			13993	3009			75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767			1025	78	2.80			1.5	4181	899	78	3.20	0.81	7966	1713	62			1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79			4P	0.89	7231	1555	62	1.10	1.0	6213			1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8			3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125					1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305
6.8	731	96.66	18	2.10	GKAF79		5.8	860	153.40	18	1.70			GK79	6P	114	44	12.14	3.5	3.40	6.6		755	134.74	18	1.95	GKF79	7.0		718	128.00	18	2.10	GKA79	7.9	634	113.10	18	2.30	GKAF79		9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91	3.2	4.70	10		484	134.74	19	3.00	GKF79	11		459	128.00	19	3.10	GKA79	12	406	113.10	19	3.50	GKAF79		14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2		606	108.03	11	1.30	GKF69	8.7		575	102.62	11	1.35	GKA69	9.9	505	90.04	12	1.55	GKAF69		12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15		323	90.04	12	2.40	GKA69	18	274	76.37	12	2.80	GKAF69		8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15	12	429	76.56	8.2	1.35									13	388	69.12	8.4	1.50	15	341	60.81	8.6	1.70	15	322	57.42	8.7	1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36			2.8	6.80	13			389	108.29	8.4	1.45	14	369			102.88			8.4					1.50	15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00	20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50	18			270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116			158			0.85	GK189R99 GKA189R99	4P	24			204	56.83	7.3		1.80	28	176	48.95		7.4	2.10	30					165			46.04	7.5	2.20	24			210	58.60	4.6			0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647			169					0.95	28	179	49.79	4.6	1.05			31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21			31377	6747	171			1.65	0.23	27861	5991	171	1.90	0.16	40129	8629	135			0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135			1.10	0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46		14189	3051		108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0		6348	1365		110	2.80	0.42			15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46					13993			3009	75			0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90			7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025			78	2.80	1.5			4181	899	78	3.20	0.81	7966	1713	62	1.00			GK109R79 GKF109R79 GKA109R79 GKAF109R79					4P	0.89	7231	1555	62	1.10	1.0			6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90			1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3					5125	1102	38			0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40
5.8	860	153.40	18	1.70	GK79	6P	114	44	12.14	3.5	3.40			6.6		755	134.74	18	1.95	GKF79	7.0		718	128.00	18	2.10	GKA79	7.9		634	113.10	18	2.30	GKAF79	9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91	3.2	4.70	10		484	134.74	19	3.00	GKF79	11		459	128.00	19	3.10	GKA79	12		406	113.10	19	3.50	GKAF79	14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2		606	108.03	11	1.30	GKF69	8.7		575	102.62	11	1.35	GKA69	9.9		505	90.04	12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15		323	90.04	12	2.40	GKA69	18		274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15			12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50					15	341			60.81	8.6	1.70	15	322	57.42	8.7	1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29			8.4	1.45	14			369	102.88	8.4	1.50	15	324	90.26	8.6	1.70			18					275	76.56	8.8	2.00	20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15			326			90.86	6.2	1.15	16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116			158	0.85	GK189R99 GKA189R99			4P			24			204			56.83	7.3	1.80		28	176	48.95	7.4		2.10	30	165	46.04	7.5	2.20	24	210			58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164			11647			169	0.95	28			179					49.79	4.6	1.05	31	160	44.46			4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21			31377			6747	171	1.65			0.23	27861	5991	171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21			30516	6562	135			1.10			0.26	24903	5355	135	1.35	0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051			108	1.25	0.84	7715	1659	110	2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365			110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	0.46	13993	3009			75					0.95	0.53	12124	2607	76			1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0			6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899			78	3.20	0.81			7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555									62	1.10	1.0	6213	1336	62			1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793			62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38					0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P			1.5			4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6
6.6	755	134.74	18	1.95	GKF79		7.0	718	128.00	18	2.10			GKA79		7.9	634	113.10	18	2.30	GKAF79		9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91	3.2	4.70	10	484	134.74	19	3.00	GKF79		11	459	128.00	19	3.10	GKA79		12	406	113.10	19	3.50	GKAF79		14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2	606	108.03	11	1.30	GKF69		8.7	575	102.62	11	1.35	GKA69		9.9	505	90.04	12	1.55	GKAF69		12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13	388	108.03	12	1.95	GKF69		15	323	90.04	12	2.40	GKA69		18	274	76.37	12	2.80	GKAF69		8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90	8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15			12	429	76.56	8.2	1.35			13	388	69.12	8.4	1.50			15	341	60.81	8.6	1.70	15	322	57.42	8.7	1.80				11	445	123.85	8.1		1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80	13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26			8.6	1.70	18			275	76.56	8.8	2.00	20	248	69.12	8.9	2.20	23	218	60.81					9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86			6.2	1.15	16	306	85.12			6.5			1.50	18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24			204	56.83	7.3			1.80	28					176	48.95	7.4			2.10			30	165	46.04		7.5	2.20	24	210		58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647			169	0.95	28		179	49.79		4.6	1.05			31			160	44.46	4.5			1.15					37	136	37.97	4.4	1.35	39			128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23			27861			5991			171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10	0.26			24903			5355	135	1.35			0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84			7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311			72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607					76	1.10	0.72			8957					1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89			7231	1555	62			1.10	1.0	6213	1336			62	1.30	1.2									5422	1166	62	1.50	1.3	4790			1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3			2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95					1.6					3976			855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200
7.0	718	128.00	18	2.10	GKA79		7.9	634	113.10	18	2.30	GKAF79	9.1	551		153.40	19	2.60	GK79	4P	156	32	8.91	3.2	4.70	10	484	134.74		19	3.00	GKF79	11	459	128.00	19	3.10	GKA79	12	406		113.10	19	3.50	GKAF79	14	347		96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2	606	108.03		11	1.30	GKF69	8.7	575	102.62	11	1.35	GKA69	9.9	505		90.04	12	1.55	GKAF69	12	428		76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13	388	108.03		12	1.95	GKF69	15	323	90.04	12	2.40	GKA69	18	274		76.37	12	2.80	GKAF69	8.2	607		108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90	8.7	577			102.88	7.2	1.00	9.9	506	90.26	7.8	1.15	12	429			76.56	8.2	1.35	13	388			69.12	8.4	1.50	15	341			60.81	8.6	1.70	15	322			57.42	8.7	1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P			259	19	5.36	2.8	6.80	13	389			108.29	8.4	1.45	14	369	102.88	8.4	1.50	15	324			90.26	8.6	1.70	18	275			76.56	8.8	2.00			20	248	69.12			8.9	2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375			104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW									15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P			24	204	56.83	7.3	1.80			28			176	48.95	7.4			2.10	30		165	46.04		7.5	2.20	24			210			58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179			49.79	4.6	1.05			31	160	44.46		4.5	1.15		37	136			37.97			4.4	1.35	39			128					35.57	4.4	1.45	46	108	29.96			4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90	0.16			40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355	135	1.35	0.34			18969			4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10	0.72	8957	1926		77	1.45		0.79	8171	1757			77					1.60	0.90	7166	1541	78			1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30	1.2			5422	1166	62	1.50			1.3	4790	1030									62	1.65	1.5	4204	904	62			1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102			38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10					1.9					3455			743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079
7.9	634	113.10	18	2.30	GKAF79		9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91	3.2	4.70	10		484	134.74	19	3.00	GKF79	11	459	128.00		19	3.10	GKA79	12	406	113.10	19	3.50	GKAF79	14	347		96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2		606	108.03	11	1.30	GKF69	8.7	575	102.62		11	1.35	GKA69	9.9	505	90.04	12	1.55	GKAF69	12	428		76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15	323	90.04		12	2.40	GKA69	18	274	76.37	12	2.80	GKAF69	8.2	607		108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00	9.9	506			90.26	7.8	1.15	12	429	76.56	8.2	1.35	13	388			69.12	8.4	1.50	15	341			60.81	8.6	1.70	15	322			57.42	8.7	1.80	11	445			123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36			2.8	6.80	13	389	108.29	8.4	1.45	14	369			102.88	8.4	1.50	15	324	90.26	8.6	1.70	18	275			76.56	8.8	2.00	20	248			69.12	8.9	2.20			23	218	60.81			9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306			85.12	6.5	1.50	18	270	75.20	6.8	1.40	20	251			69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P			24	204	56.83	7.3	1.80					28	176	48.95	7.4	2.10			30			165	46.04	7.5	2.20	24	210	58.60		4.6	0.90		GK39 GKF39 GKA39 GKAF39	4P	0.12			54164	11647	169	0.95	28	179			49.79	4.6	1.05	31	160	44.46	4.5			1.15	37	136	37.97	4.4	1.35	39	128		35.57	4.4		1.45	46			108			29.96	4.2	1.75			48					103	28.83	4.2	1.80	56	90			24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861			5991	171	1.90	0.16	40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21			30516	6562	135	1.10	0.26	24903			5355	135	1.35	0.34	18969			4079	135	1.75	0.41	15700	3376			135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715			1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398			3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124			2607	76	1.10	0.72	8957			1926	77	1.45	0.79	8171	1757	77	1.60		0.90	7166		1541	78	1.85			1.0					6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213			1336	62	1.30	1.2	5422			1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62			1.90	1.8	3688					793	62			2.15	2.0	3237	696	62	2.45			2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976			855	38			1.10	1.9	3455	743	38			1.25	2.1	3027	651	38					1.40					2.4			2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65	
9.1	551	153.40	19	2.60	GK79	4P	156	32	8.91	3.2	4.70	10		484	134.74	19	3.00	GKF79	11		459	128.00	19	3.10	GKA79	12	406	113.10		19	3.50	GKAF79	14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2		606	108.03	11	1.30	GKF69	8.7		575	102.62	11	1.35	GKA69	9.9	505	90.04		12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15		323	90.04	12	2.40	GKA69	18	274	76.37		12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15	12	429			76.56	8.2	1.35	13	388	69.12	8.4	1.50	15	341			60.81	8.6	1.70	15	322			57.42	8.7	1.80	11	445			123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29			8.4	1.45	14	369	102.88	8.4	1.50	15	324			90.26	8.6	1.70	18	275	76.56	8.8	2.00	20	248			69.12	8.9	2.20	23	218			60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50	18	270			75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28	176	48.95					7.4	2.10	30	165	46.04			7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12		54164	11647				169	0.95	28	179	49.79	4.6	1.05	31	160			44.46	4.5	1.15	37	136	37.97	4.4			1.35	39	128	35.57	4.4	1.45	46	108		29.96	4.2		1.75	48	103	28.83	4.2			1.80	56	90			24.99					4.1	2.10	60	84	23.36	4.0			2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90	0.16	40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			0.21	30516	6562			135	1.10	0.26	24903	5355	135	1.35	0.34	18969			4079	135	1.75	0.41	15700			3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10	0.72	8957			1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166	1541	78	1.85		1.0	6241		1342	78	2.10			1.2		5474	1177		78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30	1.2	5422			1166	62	1.50	1.3	4790			1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62			2.15	2.0	3237	696	62			2.45	2.3			2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976			855	38	1.10	1.9	3455	743	38			1.25	2.1			3027	651	38	1.40	2.4			2665	573	38	1.60	2.8					2344					504			38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65								
10	484	134.74	19	3.00	GKF79		11	459	128.00	19	3.10	GKA79		12	406	113.10	19	3.50	GKAF79		14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2	606	108.03	11	1.30	GKF69		8.7	575	102.62	11	1.35	GKA69		9.9	505	90.04	12	1.55	GKAF69		12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13	388	108.03	12	1.95	GKF69		15	323	90.04	12	2.40	GKA69		18	274	76.37	12	2.80	GKAF69		8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90	8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15			12	429	76.56	8.2	1.35			13	388	69.12	8.4	1.50	15	341			60.81	8.6	1.70	15	322	57.42	8.7	1.80	11	445			123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P			259	19	5.36	2.8	6.80	13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26			8.6	1.70	18	275	76.56	8.8	2.00	20	248			69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206			57.42	9.1	2.70	13	375			104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86			6.2	1.15	16	306	85.12			6.5	1.50	18	270	75.20			6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24			204	56.83	7.3	1.80	28					176	48.95	7.4					2.10	30	165	46.04	7.5			2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647	169	0.95	28			179	49.79	4.6	1.05	31			160	44.46	4.5	1.15	37	136	37.97	4.4	1.35			39	128	35.57	4.4	1.45	46	108			29.96	4.2	1.75	48	103	28.83	4.2	1.80		56	90		24.99	4.1	2.10	60	84			23.36	4.0	2.20			69	72	20.19			3.9	2.40	81	62	17.15	3.8			2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861	5991			171	1.90	0.16	40129	8629			135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10	0.26			24903	5355	135	1.35	0.34			18969	4079	135	1.75	0.41	15700	3376	135	2.10			0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659			110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311			72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607			76	1.10	0.72	8957	1926			77	1.45	0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10	1.2	5474	1177		78	2.40		1.4	4767	1025			78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336			62	1.30	1.2	5422	1166			62	1.50	1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90			1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855			614	62	2.80	1.3	5125		1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59		4P	1.5	4451	957	38	0.95	1.6	3976	855			38	1.10	1.9	3455	743	38	1.25			2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8			2344	504	38	1.85	3.2			2032	437	38	2.10	3.6					1776					382			38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																		
11	459	128.00	19	3.10	GKA79		12	406	113.10	19	3.50	GKAF79		14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2		606	108.03	11	1.30	GKF69	8.7	575	102.62	11	1.35	GKA69		9.9	505	90.04	12	1.55	GKAF69		12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15	323	90.04	12	2.40	GKA69		18	274	76.37	12	2.80	GKAF69		8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00	9.9	506	90.26	7.8	1.15			12	429	76.56	8.2	1.35			13	388	69.12	8.4	1.50			15	341	60.81	8.6	1.70	15	322			57.42	8.7	1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P			259	19	5.36			2.8	6.80	13	389	108.29	8.4	1.45	14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70			18	275	76.56			8.8	2.00	20	248	69.12	8.9	2.20	23	218			60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375			104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P			24	204	56.83	7.3	1.80			28			176	48.95	7.4	2.10	30					165	46.04	7.5			2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647	169	0.95		28	179		49.79	4.6	1.05	31	160	44.46			4.5	1.15	37	136	37.97			4.4	1.35	39	128	35.57	4.4	1.45	46	108			29.96	4.2	1.75	48	103	28.83	4.2			1.80	56	90	24.99	4.1	2.10	60	84		23.36	4.0		2.20	69	72	20.19	3.9			2.40	81	62			17.15	3.8	2.70			0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861			5991	171	1.90	0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10			0.26	24903	5355	135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376			135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715			1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398			3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124			2607	76	1.10	0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85	1.0	6241			1342	78	2.10	1.2	5474			1177	78	2.40	1.4	4767	1025	78	2.80		1.5	4181		899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213			1336	62	1.30	1.2	5422	1166	62	1.50			1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90	1.8	3688			793	62	2.15	2.0	3237			696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38			0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6		3976		855	38	1.10	1.9	3455	743	38	1.25			2.1	3027	651	38	1.40	2.4	2665			573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437			38	2.10	3.6	1776	382			38	2.40	4.6	1418	305			38	3.05	5.4					1200			258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																											
12	406	113.10	19	3.50	GKAF79		14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2		606	108.03	11	1.30	GKF69	8.7		575	102.62	11	1.35	GKA69	9.9	505	90.04	12	1.55	GKAF69		12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15		323	90.04	12	2.40	GKA69	18	274	76.37	12	2.80	GKAF69		8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15	12	429	76.56	8.2	1.35			13	388	69.12	8.4	1.50			15	341	60.81	8.6	1.70			15	322	57.42	8.7	1.80	11	445			123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36			2.8	6.80	13	389	108.29			8.4	1.45	14	369	102.88	8.4	1.50	15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00			20	248	69.12			8.9	2.20	23	218	60.81	9.0	2.60	24	206			57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28	176	48.95			7.4			2.10	30	165	46.04	7.5	2.20	24			210	58.60	4.6			0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647		169	0.95		28	179	49.79	4.6	1.05		31	160		44.46	4.5	1.15	37	136	37.97			4.4	1.35	39	128	35.57			4.4	1.45	46	108	29.96	4.2	1.75	48	103			28.83	4.2	1.80	56	90	24.99	4.1			2.10	60	84	23.36	4.0	2.20	69	72		20.19	3.9		2.40	81	62	17.15	3.8			2.70	0.19	34148			7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90	0.16	40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562					135	1.10	0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75	0.41	15700	3376			135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10	0.72	8957			1926	77	1.45	0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10	1.2	5474			1177	78	2.40	1.4	4767			1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30	1.2	5422			1166	62	1.50	1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90			1.8	3688	793	62	2.15	2.0	3237			696	62	2.45	2.3	2855			614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10	1.9		3455		743	38	1.25	2.1	3027	651	38	1.40			2.4	2665	573	38	1.60	2.8	2344			504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382			38	2.40	4.6	1418	305			38	3.05	5.4	1200	258	38	3.60	6.0	1079	232					38			4.00	7.0	925	199	38	4.65																																		
14	347	96.66	19	4.10	GKAF79	7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10	8.2		606	108.03	11	1.30	GKF69	8.7		575	102.62	11	1.35	GKA69	9.9		505	90.04	12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15		323	90.04	12	2.40	GKA69	18		274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15			12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50			15	341	60.81	8.6	1.70			15	322	57.42	8.7	1.80			11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29			8.4	1.45	14	369	102.88			8.4	1.50	15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20			23	218	60.81			9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647	169	0.95			28	179	49.79		4.6	1.05		31	160	44.46	4.5	1.15		37	136		37.97	4.4	1.35	39	128	35.57			4.4	1.45	46	108	29.96			4.2	1.75	48	103	28.83	4.2	1.80	56	90			24.99	4.1	2.10	60	84	23.36	4.0			2.20	69	72	20.19	3.9	2.40	81	62		17.15	3.8		2.70	0.19	34148	7343	171			1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			0.21	30516	6562			135	1.10	0.26	24903	5355			135	1.35	0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10			1.2	5474	1177	78	2.40	1.4	4767			1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50	1.3	4790			1030	62	1.65	1.5	4204	904	62	1.90			1.8	3688	793	62	2.15			2.0	3237	696	62	2.45	2.3	2855			614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25	2.1		3027		651	38	1.40	2.4	2665	573	38	1.60			2.8	2344	504	38	1.85	3.2	2032			437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305			38	3.05	5.4	1200	258			38	3.60	6.0	1079	232	38	4.00	7.0	925	199			38	4.65																																											
7.2	693	123.54	11	1.15	GK69	6P	175	29	7.96	3.1	5.10		8.2	606	108.03	11	1.30	GKF69		8.7	575	102.62	11	1.35	GKA69		9.9	505	90.04	12	1.55	GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70		13	388	108.03	12	1.95	GKF69		15	323	90.04	12	2.40	GKA69		18	274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9			5.90	8.7	577	102.88	7.2			1.00	9.9	506	90.26	7.8			1.15	12	429	76.56	8.2			1.35	13	388	69.12	8.4	1.50	15	341	60.81	8.6			1.70	15	322	57.42	8.7			1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8			6.80	13	389	108.29	8.4			1.45	14	369			102.88	8.4	1.50	15	324			90.26	8.6	1.70	18	275	76.56	8.8	2.00	20	248	69.12	8.9			2.20	23	218	60.81	9.0			2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2			1.15	16	306	85.12	6.5			1.50	18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158			0.85	GK189R99 GKA189R99	4P	24	204					56.83	7.3	1.80					28	176	48.95			7.4	2.10	30	165	46.04	7.5	2.20			24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164		11647	169		0.95	28	179	49.79	4.6			1.05	31	160		44.46	4.5		1.15	37	136	37.97	4.4		1.35	39		128	35.57	4.4	1.45	46	108			29.96	4.2	1.75	48	103			28.83	4.2	1.80	56	90	24.99	4.1	2.10	60			84	23.36	4.0	2.20	69	72	20.19			3.9	2.40	81	62	17.15	3.8	2.70	0.19		34148	7343		171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171			1.65	0.23	27861	5991	171			1.90	0.16	40129	8629	135			0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516			6562	135	1.10	0.26	24903			5355	135	1.35	0.34	18969			4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108			1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110			2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75			0.95	0.53	12124	2607	76			1.10	0.72	8957	1926	77			1.45	0.79	8171	1757	77	1.60	0.90			7166	1541	78	1.85	1.0	6241	1342	78			2.10	1.2	5474	1177	78			2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62			1.10	1.0	6213	1336	62			1.30	1.2	5422	1166	62			1.50	1.3	4790	1030	62	1.65	1.5			4204	904	62	1.90	1.8	3688	793	62			2.15	2.0	3237	696	62			2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38			0.95	1.6	3976	855	38			1.10	1.9	3455	743	38			1.25	2.1	3027	651	38	1.40		2.4		2665	573	38	1.60	2.8	2344	504	38			1.85	3.2	2032	437	38	2.10	3.6			1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200			258	38	3.60	6.0	1079			232	38	4.00	7.0	925	199	38	4.65																																																	
8.2	606	108.03	11	1.30	GKF69		8.7	575	102.62	11	1.35		GKA69	9.9	505	90.04	12	1.55		GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13	388	108.03	12	1.95	GKF69		15	323	90.04	12	2.40		GKA69	18	274	76.37	12	2.80		GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90	8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8			1.15	12	429	76.56	8.2			1.35	13	388	69.12	8.4			1.50	15	341	60.81	8.6			1.70	15	322	57.42	8.7	1.80	11	445	123.85	8.1			1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80	13	389	108.29	8.4	1.45			14	369	102.88	8.4			1.50	15	324	90.26	8.6			1.70	18	275			76.56	8.8	2.00	20	248			69.12	8.9	2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1			2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86			6.2	1.15	16	306			85.12	6.5	1.50	18	270			75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24			204	56.83	7.3	1.80			28			176	48.95					7.4	2.10	30	165	46.04			7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179	49.79			4.6	1.05		31	160		44.46	4.5	1.15	37	136			37.97	4.4	1.35		39	128		35.57	4.4	1.45	46	108		29.96	4.2		1.75	48	103	28.83	4.2	1.80			56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20	69	72	20.19	3.9			2.40	81	62	17.15	3.8	2.70	0.19			34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861	5991			171	1.90	0.16	40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			0.21	30516	6562	135	1.10	0.26	24903	5355			135	1.35			0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659			110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311			72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607			76	1.10	0.72	8957			1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166			1541	78	1.85	1.0	6241	1342	78			2.10	1.2	5474	1177	78	2.40	1.4	4767			1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336			62	1.30	1.2	5422			1166	62	1.50	1.3	4790			1030	62	1.65	1.5	4204			904	62	1.90	1.8	3688	793	62			2.15	2.0	3237	696	62	2.45	2.3	2855			614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855			38	1.10	1.9	3455			743	38	1.25	2.1	3027			651	38	1.40	2.4	2665			573	38	1.60	2.8	2344	504		38		1.85	3.2	2032	437	38	2.10	3.6	1776			382	38	2.40	4.6	1418	305	38			3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00			7.0	925	199	38	4.65																																																											
8.7	575	102.62	11	1.35	GKA69		9.9	505	90.04	12	1.55		GKAF69	12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15	323	90.04	12	2.40	GKA69		18	274	76.37	12	2.80		GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00	9.9	506	90.26	7.8	1.15			12	429	76.56	8.2			1.35	13	388	69.12	8.4			1.50	15	341	60.81	8.6			1.70	15	322	57.42	8.7			1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45	14	369	102.88	8.4	1.50			15	324	90.26	8.6			1.70	18	275	76.56	8.8			2.00	20	248			69.12	8.9	2.20	23	218			60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50			18	270	75.20	6.8			1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P			24	204	56.83	7.3	1.80			28			176	48.95	7.4	2.10			30			165	46.04	7.5	2.20			24	210	58.60	4.6	0.90			GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179			49.79	4.6	1.05	31	160	44.46	4.5	1.15			37	136		37.97	4.4		1.35	39	128	35.57	4.4			1.45	46	108		29.96	4.2		1.75	48	103	28.83	4.2		1.80	56		90	24.99	4.1	2.10	60	84			23.36	4.0	2.20	69	72			20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19			34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861			5991	171	1.90	0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516			6562	135	1.10			0.26	24903	5355	135	1.35	0.34	18969	4079	135	1.75			0.41	15700			3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715			1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398			3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124			2607	76	1.10	0.72	8957	1926	77	1.45			0.79	8171	1757	77			1.60	0.90	7166	1541	78			1.85	1.0	6241	1342	78			2.10	1.2	5474	1177	78	2.40	1.4			4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213			1336	62	1.30	1.2	5422	1166	62	1.50			1.3	4790	1030	62			1.65	1.5	4204	904	62			1.90	1.8	3688	793	62			2.15	2.0	3237	696	62	2.45	2.3			2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976			855	38	1.10	1.9	3455	743	38	1.25			2.1	3027	651	38			1.40	2.4	2665	573	38			1.60	2.8	2344	504	38			1.85	3.2	2032	437	38	2.10		3.6		1776	382	38	2.40	4.6	1418	305	38			3.05	5.4	1200	258	38	3.60	6.0			1079	232	38	4.00	7.0	925	199	38	4.65																																																																				
9.9	505	90.04	12	1.55	GKAF69		12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15		323	90.04	12	2.40	GKA69	18	274	76.37	12	2.80	GKAF69		8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15	12	429	76.56	8.2	1.35			13	388	69.12	8.4			1.50	15	341	60.81	8.6			1.70	15	322	57.42	8.7			1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50	15	324	90.26	8.6	1.70			18	275	76.56	8.8			2.00	20	248	69.12	8.9			2.20	23	218			60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28	176	48.95			7.4			2.10	30	165	46.04	7.5	2.20	24			210	58.60	4.6	0.90			GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95			28	179	49.79	4.6	1.05	31	160			44.46	4.5	1.15	37	136	37.97	4.4	1.35			39	128		35.57	4.4		1.45	46	108	29.96	4.2			1.75	48	103		28.83	4.2		1.80	56	90	24.99	4.1		2.10	60		84	23.36	4.0	2.20	69	72			20.19	3.9	2.40	81	62			17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90	0.16	40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562					135	1.10	0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10			0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10	0.72	8957			1926	77	1.45	0.79	8171	1757	77	1.60			0.90	7166	1541	78			1.85	1.0	6241	1342	78			2.10	1.2	5474	1177	78			2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30	1.2	5422			1166	62	1.50	1.3	4790	1030	62	1.65			1.5	4204	904	62			1.90	1.8	3688	793	62			2.15	2.0	3237	696	62			2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10	1.9	3455			743	38	1.25	2.1	3027	651	38	1.40			2.4	2665	573	38			1.60	2.8	2344	504	38			1.85	3.2	2032	437	38			2.10	3.6	1776	382	38	2.40		4.6		1418	305	38	3.05	5.4	1200	258	38			3.60	6.0	1079	232	38	4.00	7.0			925	199	38	4.65																																																																									
12	428	76.37	12	1.85	GKAF69	11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70	13		388	108.03	12	1.95	GKF69	15		323	90.04	12	2.40	GKA69	18		274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15			12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50			15	341	60.81	8.6			1.70	15	322	57.42	8.7			1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00			20	248	69.12	8.9			2.20	23	218	60.81	9.0			2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647	169	0.95			28	179	49.79	4.6	1.05			31	160	44.46	4.5	1.15	37	136			37.97	4.4	1.35	39	128	35.57	4.4	1.45			46	108		29.96	4.2		1.75	48	103	28.83	4.2			1.80	56	90		24.99	4.1		2.10	60	84	23.36	4.0		2.20	69		72	20.19	3.9	2.40	81	62			17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			0.21	30516	6562			135	1.10	0.26	24903	5355			135	1.35	0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166	1541	78	1.85			1.0	6241	1342	78			2.10	1.2	5474	1177	78			2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50	1.3	4790			1030	62	1.65	1.5	4204	904	62	1.90			1.8	3688	793	62			2.15	2.0	3237	696	62			2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25	2.1	3027			651	38	1.40	2.4	2665	573	38	1.60			2.8	2344	504	38			1.85	3.2	2032	437	38			2.10	3.6	1776	382	38			2.40	4.6	1418	305	38	3.05		5.4		1200	258	38	3.60	6.0	1079	232	38			4.00	7.0	925	199	38	4.65																																																																																
11	443	123.54	12	1.70	GK69	4P	204	24	6.80	3.0	5.70		13	388	108.03	12	1.95	GKF69		15	323	90.04	12	2.40	GKA69		18	274	76.37	12	2.80	GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9			5.90	8.7	577	102.88	7.2			1.00	9.9	506	90.26	7.8			1.15	12	429	76.56	8.2			1.35	13	388	69.12	8.4	1.50	15	341	60.81	8.6			1.70	15	322	57.42			8.7	1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8			6.80	13	389	108.29	8.4			1.45	14	369	102.88	8.4			1.50	15	324	90.26	8.6			1.70	18	275	76.56	8.8	2.00	20	248	69.12	8.9			2.20	23	218	60.81			9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2			1.15	16	306	85.12	6.5			1.50	18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158			0.85	GK189R99 GKA189R99	4P	24	204					56.83	7.3	1.80					28	176	48.95			7.4	2.10	30	165	46.04	7.5	2.20			24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164		11647	169		0.95	28	179	49.79	4.6			1.05	31	160	44.46	4.5			1.15	37	136	37.97	4.4	1.35	39			128	35.57	4.4	1.45	46	108	29.96	4.2			1.75	48		103	28.83		4.2	1.80	56	90	24.99			4.1	2.10	60		84	23.36		4.0	2.20	69	72	20.19		3.9	2.40		81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171			1.65	0.23	27861	5991	171			1.90	0.16	40129	8629	135			0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516			6562	135	1.10	0.26	24903			5355	135	1.35	0.34	18969			4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108			1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110			2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75			0.95	0.53	12124	2607	76			1.10	0.72	8957	1926	77			1.45	0.79	8171	1757	77	1.60	0.90			7166	1541	78	1.85	1.0	6241	1342	78			2.10	1.2	5474	1177			78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62			1.10	1.0	6213	1336	62			1.30	1.2	5422	1166	62			1.50	1.3	4790	1030	62	1.65	1.5			4204	904	62	1.90	1.8	3688	793	62			2.15	2.0	3237	696			62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38			0.95	1.6	3976	855	38			1.10	1.9	3455	743	38			1.25	2.1	3027	651	38	1.40	2.4			2665	573	38	1.60	2.8	2344	504	38			1.85	3.2	2032	437			38	2.10	3.6	1776	382			38	2.40	4.6	1418	305			38	3.05	5.4	1200	258	38		3.60		6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																						
13	388	108.03	12	1.95	GKF69		15	323	90.04	12	2.40		GKA69	18	274	76.37	12	2.80		GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90	8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8			1.15	12	429	76.56	8.2			1.35	13	388	69.12	8.4			1.50	15	341	60.81	8.6			1.70	15	322	57.42	8.7	1.80	11	445	123.85	8.1			1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80	13	389	108.29	8.4	1.45			14	369	102.88	8.4			1.50	15	324	90.26	8.6			1.70	18	275	76.56	8.8			2.00	20	248	69.12	8.9			2.20	23	218	60.81	9.0	2.60	24	206	57.42	9.1			2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86			6.2	1.15	16	306			85.12	6.5	1.50	18	270			75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24			204	56.83	7.3	1.80			28			176	48.95					7.4	2.10	30	165	46.04			7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179	49.79			4.6	1.05		31	160		44.46	4.5	1.15	37	136			37.97	4.4	1.35	39	128			35.57	4.4	1.45	46	108	29.96	4.2			1.75	48	103	28.83	4.2	1.80	56	90			24.99	4.1		2.10	60		84	23.36	4.0	2.20	69			72	20.19	3.9		2.40	81		62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861	5991			171	1.90	0.16	40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			0.21	30516	6562	135	1.10	0.26	24903	5355			135	1.35			0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659			110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311			72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607			76	1.10	0.72	8957			1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166			1541	78	1.85	1.0	6241	1342	78			2.10	1.2	5474	1177	78	2.40	1.4	4767			1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336			62	1.30	1.2	5422			1166	62	1.50	1.3	4790			1030	62	1.65	1.5	4204			904	62	1.90	1.8	3688	793	62			2.15	2.0	3237	696	62	2.45	2.3	2855			614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855			38	1.10	1.9	3455			743	38	1.25	2.1	3027			651	38	1.40	2.4	2665			573	38	1.60	2.8	2344	504	38			1.85	3.2	2032	437	38	2.10	3.6	1776			382	38	2.40	4.6			1418	305	38	3.05	5.4			1200	258	38	3.60	6.0			1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																
15	323	90.04	12	2.40	GKA69		18	274	76.37	12	2.80		GKAF69	8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00	9.9	506	90.26	7.8	1.15			12	429	76.56	8.2			1.35	13	388	69.12	8.4			1.50	15	341	60.81	8.6			1.70	15	322	57.42	8.7			1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45	14	369	102.88	8.4	1.50			15	324	90.26	8.6			1.70	18	275	76.56	8.8			2.00	20	248	69.12	8.9			2.20	23	218	60.81	9.0			2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50			18	270	75.20	6.8			1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P			24	204	56.83	7.3	1.80			28			176	48.95	7.4	2.10			30			165	46.04	7.5	2.20			24	210	58.60	4.6	0.90			GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179			49.79	4.6	1.05	31	160	44.46	4.5	1.15			37	136		37.97	4.4		1.35	39	128	35.57	4.4			1.45	46	108	29.96	4.2			1.75	48	103	28.83	4.2	1.80	56			90	24.99	4.1	2.10	60	84	23.36	4.0			2.20	69		72	20.19		3.9	2.40	81	62	17.15			3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861			5991	171	1.90	0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516			6562	135	1.10			0.26	24903	5355	135	1.35	0.34	18969	4079	135	1.75			0.41	15700			3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715			1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398			3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124			2607	76	1.10	0.72	8957	1926	77	1.45			0.79	8171	1757	77			1.60	0.90	7166	1541	78			1.85	1.0	6241	1342	78			2.10	1.2	5474	1177	78	2.40	1.4			4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213			1336	62	1.30	1.2	5422	1166	62	1.50			1.3	4790	1030	62			1.65	1.5	4204	904	62			1.90	1.8	3688	793	62			2.15	2.0	3237	696	62	2.45	2.3			2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976			855	38	1.10	1.9	3455	743	38	1.25			2.1	3027	651	38			1.40	2.4	2665	573	38			1.60	2.8	2344	504	38			1.85	3.2	2032	437	38	2.10	3.6			1776	382	38	2.40	4.6	1418	305	38			3.05	5.4	1200	258			38	3.60	6.0	1079	232			38	4.00	7.0	925	199	38	4.65																																																																																																									
18	274	76.37	12	2.80	GKAF69		8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15	12	429	76.56	8.2	1.35			13	388	69.12	8.4			1.50	15	341	60.81	8.6			1.70	15	322	57.42	8.7			1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50	15	324	90.26	8.6	1.70			18	275	76.56	8.8			2.00	20	248	69.12	8.9			2.20	23	218	60.81	9.0			2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28	176	48.95			7.4			2.10	30	165	46.04	7.5	2.20	24			210	58.60	4.6	0.90			GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95			28	179	49.79	4.6	1.05	31	160			44.46	4.5	1.15	37	136	37.97	4.4	1.35			39	128		35.57	4.4		1.45	46	108	29.96	4.2			1.75	48	103	28.83	4.2			1.80	56	90	24.99	4.1	2.10	60			84	23.36	4.0	2.20	69	72	20.19	3.9			2.40	81		62	17.15		3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90	0.16	40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562					135	1.10	0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10			0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10	0.72	8957			1926	77	1.45	0.79	8171	1757	77	1.60			0.90	7166	1541	78			1.85	1.0	6241	1342	78			2.10	1.2	5474	1177	78			2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30	1.2	5422			1166	62	1.50	1.3	4790	1030	62	1.65			1.5	4204	904	62			1.90	1.8	3688	793	62			2.15	2.0	3237	696	62			2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10	1.9	3455			743	38	1.25	2.1	3027	651	38	1.40			2.4	2665	573	38			1.60	2.8	2344	504	38			1.85	3.2	2032	437	38			2.10	3.6	1776	382	38	2.40	4.6			1418	305	38	3.05	5.4	1200	258	38			3.60	6.0	1079	232			38	4.00	7.0	925	199	38	4.65																																																																																																																
8.2	607	108.29	7.0	0.95	GK59 GKF59 GKA59 GKAF59	6P	218	23	6.37	2.9	5.90			8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15			12	429	76.56	8.2	1.35	13	388	69.12	8.4	1.50			15	341	60.81	8.6			1.70	15	322	57.42	8.7			1.80	11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00			20	248	69.12	8.9			2.20	23	218	60.81	9.0			2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647	169	0.95			28	179	49.79	4.6	1.05			31	160	44.46	4.5	1.15	37	136			37.97	4.4	1.35	39	128	35.57	4.4	1.45			46	108		29.96	4.2		1.75	48	103	28.83	4.2			1.80	56	90	24.99	4.1			2.10	60	84	23.36	4.0	2.20	69			72	20.19	3.9	2.40	81	62	17.15	3.8			2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			0.21	30516	6562			135	1.10	0.26	24903	5355			135	1.35	0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166	1541	78	1.85			1.0	6241	1342	78			2.10	1.2	5474	1177	78			2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50	1.3	4790			1030	62	1.65	1.5	4204	904	62	1.90			1.8	3688	793	62			2.15	2.0	3237	696	62			2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25	2.1	3027			651	38	1.40	2.4	2665	573	38	1.60			2.8	2344	504	38			1.85	3.2	2032	437	38			2.10	3.6	1776	382	38			2.40	4.6	1418	305	38	3.05	5.4			1200	258	38	3.60	6.0	1079	232	38			4.00	7.0	925	199	38	4.65																																																																																																																							
8.7	577	102.88	7.2	1.00			9.9	506	90.26	7.8	1.15			12	429	76.56	8.2	1.35			13	388	69.12	8.4	1.50			15	341	60.81	8.6	1.70	15	322	57.42	8.7	1.80			11	445	123.85	8.1			1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80	13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60			24	206	57.42	9.1			2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86			6.2	1.15	16	306	85.12			6.5	1.50	18	270	75.20			6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24			204	56.83	7.3	1.80	28					176	48.95	7.4					2.10	30	165			46.04	7.5	2.20	24	210	58.60	4.6			0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28		179	49.79		4.6	1.05	31	160	44.46			4.5	1.15	37	136	37.97			4.4	1.35	39	128	35.57	4.4	1.45			46	108	29.96	4.2	1.75	48	103	28.83			4.2	1.80		56	90		24.99	4.1	2.10	60	84			23.36	4.0	2.20	69	72			20.19	3.9	2.40	81	62	17.15	3.8			2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861	5991			171	1.90	0.16	40129	8629			135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21			30516	6562	135	1.10	0.26			24903	5355	135	1.35	0.34			18969	4079	135	1.75	0.41			15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659			110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311			72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607			76	1.10	0.72	8957	1926			77	1.45	0.79	8171	1757			77	1.60	0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10	1.2	5474	1177			78	2.40	1.4	4767			1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336			62	1.30	1.2	5422	1166			62	1.50	1.3	4790	1030			62	1.65	1.5	4204	904	62	1.90			1.8	3688	793	62	2.15	2.0	3237	696			62	2.45	2.3	2855			614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855			38	1.10	1.9	3455	743			38	1.25	2.1	3027	651			38	1.40	2.4	2665	573	38	1.60			2.8	2344	504	38	1.85	3.2	2032	437			38	2.10	3.6	1776			382	38	2.40	4.6	1418			305	38	3.05	5.4	1200			258	38	3.60	6.0	1079	232	38			4.00	7.0	925	199	38	4.65																																																																																																																																	
9.9	506	90.26	7.8	1.15			12	429	76.56	8.2	1.35			13	388	69.12	8.4	1.50			15	341	60.81	8.6	1.70			15	322	57.42	8.7	1.80	11	445	123.85	8.1	1.25			GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45	14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60	24	206	57.42	9.1	2.70			13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P			24	204	56.83	7.3	1.80			28			176	48.95	7.4	2.10	30					165	46.04	7.5	2.20	24			210	58.60	4.6			0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179			49.79	4.6	1.05	31	160	44.46		4.5	1.15		37	136	37.97	4.4	1.35			39	128	35.57	4.4	1.45			46	108	29.96	4.2	1.75	48	103			28.83	4.2	1.80	56	90	24.99	4.1	2.10			60	84		23.36	4.0		2.20	69	72	20.19	3.9			2.40	81	62	17.15	3.8			2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861			5991	171	1.90	0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10			0.26	24903	5355	135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376			135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715			1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398			3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124			2607	76	1.10	0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10	1.2	5474			1177	78	2.40	1.4	4767	1025	78	2.80			1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213			1336	62	1.30	1.2	5422	1166	62	1.50			1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90			1.8	3688	793	62	2.15	2.0	3237			696	62	2.45	2.3	2855	614	62	2.80			1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976			855	38	1.10	1.9	3455	743	38	1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60			2.8	2344	504	38	1.85	3.2	2032			437	38	2.10	3.6	1776	382	38	2.40			4.6	1418	305	38			3.05	5.4	1200	258	38			3.60	6.0	1079	232	38			4.00	7.0	925	199	38	4.65																																																																																																																																										
12	429	76.56	8.2	1.35			13	388	69.12	8.4	1.50			15	341	60.81	8.6	1.70			15	322	57.42	8.7	1.80			11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50	15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28	176	48.95			7.4			2.10	30	165	46.04	7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647	169	0.95			28	179	49.79	4.6	1.05	31	160			44.46	4.5	1.15	37	136	37.97		4.4	1.35		39	128	35.57	4.4	1.45			46	108	29.96	4.2	1.75			48	103	28.83	4.2	1.80	56	90			24.99	4.1	2.10	60	84	23.36	4.0	2.20			69	72		20.19	3.9		2.40	81	62	17.15	3.8			2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90	0.16	40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562					135	1.10	0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75	0.41	15700	3376			135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10	0.72	8957			1926	77	1.45	0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10			1.2	5474	1177	78	2.40	1.4	4767			1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30	1.2	5422			1166	62	1.50	1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90			1.8	3688	793	62	2.15			2.0	3237	696	62	2.45	2.3	2855			614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10	1.9	3455			743	38	1.25	2.1	3027	651	38	1.40			2.4	2665	573	38	1.60			2.8	2344	504	38	1.85			3.2	2032	437	38	2.10	3.6	1776			382	38	2.40	4.6	1418	305	38	3.05			5.4	1200	258	38			3.60	6.0	1079	232	38			4.00	7.0	925	199	38	4.65																																																																																																																																																	
13	388	69.12	8.4	1.50			15	341	60.81	8.6	1.70			15	322	57.42	8.7	1.80			11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70	18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647		169	0.95		28	179	49.79	4.6	1.05			31	160	44.46	4.5	1.15	37	136			37.97	4.4	1.35	39	128	35.57		4.4	1.45		46	108	29.96	4.2	1.75			48	103	28.83	4.2	1.80			56	90	24.99	4.1	2.10	60	84			23.36	4.0	2.20	69	72	20.19	3.9	2.40			81	62		17.15	3.8		2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			0.21	30516	6562			135	1.10	0.26	24903	5355			135	1.35	0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10			1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50	1.3	4790			1030	62	1.65	1.5	4204	904	62	1.90			1.8	3688	793	62	2.15			2.0	3237	696	62	2.45			2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25	2.1	3027			651	38	1.40	2.4	2665	573	38	1.60			2.8	2344	504	38	1.85			3.2	2032	437	38	2.10			3.6	1776	382	38	2.40	4.6	1418			305	38	3.05	5.4	1200	258	38	3.60			6.0	1079	232	38			4.00	7.0	925	199	38	4.65																																																																																																																																																								
15	341	60.81	8.6	1.70			15	322	57.42	8.7	1.80			11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00	20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4			2.10	30	165	46.04	7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647		169	0.95		28	179	49.79		4.6	1.05		31	160	44.46	4.5	1.15			37	136	37.97	4.4	1.35	39	128			35.57	4.4	1.45	46	108	29.96		4.2	1.75		48	103	28.83	4.2	1.80			56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20	69	72			20.19	3.9	2.40	81	62	17.15	3.8	2.70			0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10	0.26	24903	5355			135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60	0.90	7166			1541	78	1.85	1.0	6241	1342	78	2.10			1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50			1.3	4790	1030	62	1.65	1.5	4204			904	62	1.90	1.8	3688	793	62	2.15			2.0	3237	696	62	2.45			2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40	2.4	2665			573	38	1.60	2.8	2344	504	38	1.85			3.2	2032	437	38	2.10			3.6	1776	382	38	2.40			4.6	1418	305	38	3.05	5.4	1200			258	38	3.60	6.0	1079	232	38	4.00			7.0	925	199	38	4.65																																																																																																																																																															
15	322	57.42	8.7	1.80			11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20	23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4	2.10	30			165	46.04	7.5			2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95			28	179	49.79		4.6	1.05		31	160	44.46		4.5	1.15		37	136	37.97	4.4	1.35			39	128	35.57	4.4	1.45	46	108			29.96	4.2	1.75	48	103	28.83		4.2	1.80		56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20			69	72	20.19	3.9	2.40	81	62			17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355			135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85	1.0	6241			1342	78	2.10	1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50			1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90	1.8	3688			793	62	2.15	2.0	3237	696	62	2.45			2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60	2.8	2344			504	38	1.85	3.2	2032	437	38	2.10			3.6	1776	382	38	2.40			4.6	1418	305	38	3.05			5.4	1200	258	38	3.60	6.0	1079			232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																						
11	445	123.85	8.1	1.25	GK59 GKF59 GKA59 GKAF59	4P	259	19	5.36	2.8	6.80			13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60	24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95			28	179	49.79	4.6	1.05			31	160	44.46		4.5	1.15		37	136	37.97		4.4	1.35		39	128	35.57	4.4	1.45			46	108	29.96	4.2	1.75	48	103			28.83	4.2	1.80	56	90	24.99		4.1	2.10		60	84	23.36	4.0	2.20			69	72	20.19	3.9	2.40			81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355	135	1.35			0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10	1.2	5474			1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50			1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90			1.8	3688	793	62	2.15	2.0	3237			696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60			2.8	2344	504	38	1.85	3.2	2032			437	38	2.10	3.6	1776	382	38	2.40			4.6	1418	305	38	3.05			5.4	1200	258	38	3.60			6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																													
13	389	108.29	8.4	1.45			14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86			6.2	1.15	16	306	85.12			6.5	1.50	18	270	75.20			6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24			204	56.83	7.3	1.80	28					176	48.95	7.4					2.10	30	165	46.04	7.5			2.20	24	210	58.60	4.6			0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95	28	179	49.79			4.6	1.05	31	160	44.46			4.5	1.15	37	136	37.97			4.4	1.35	39		128	35.57		4.4	1.45	46		108	29.96		4.2	1.75	48	103	28.83			4.2	1.80	56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20	69		72	20.19		3.9	2.40	81	62	17.15			3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861	5991			171	1.90	0.16	40129	8629			135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21			30516	6562	135	1.10	0.26	24903	5355			135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376			135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659			110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311			72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607			76	1.10	0.72	8957	1926			77	1.45	0.79	8171	1757			77	1.60	0.90	7166	1541			78	1.85	1.0	6241	1342			78	2.10	1.2	5474	1177			78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336			62	1.30	1.2	5422	1166			62	1.50	1.3	4790	1030			62	1.65	1.5	4204	904			62	1.90	1.8	3688	793			62	2.15	2.0	3237	696			62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855			38	1.10	1.9	3455	743			38	1.25	2.1	3027	651			38	1.40	2.4	2665	573			38	1.60	2.8	2344	504			38	1.85	3.2	2032	437			38	2.10	3.6	1776	382	38	2.40			4.6	1418	305	38	3.05	5.4	1200	258			38	3.60	6.0	1079	232			38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																							
14	369	102.88	8.4	1.50			15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15	16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P			24	204	56.83	7.3	1.80			28			176	48.95	7.4	2.10	30					165	46.04	7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647	169	0.95	28	179			49.79	4.6	1.05	31	160	44.46	4.5	1.15			37	136	37.97	4.4	1.35			39	128	35.57	4.4	1.45			46	108	29.96		4.2	1.75		48	103	28.83		4.2	1.80		56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20	69	72			20.19	3.9	2.40	81	62	17.15		3.8	2.70		0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861			5991	171	1.90	0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10			0.26	24903	5355	135	1.35	0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10			0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715			1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398			3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124			2607	76	1.10	0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10			1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213			1336	62	1.30	1.2	5422	1166	62	1.50			1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90			1.8	3688	793	62	2.15			2.0	3237	696	62	2.45			2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976			855	38	1.10	1.9	3455	743	38	1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60			2.8	2344	504	38	1.85			3.2	2032	437	38	2.10			3.6	1776	382	38	2.40			4.6	1418	305	38	3.05	5.4	1200			258	38	3.60	6.0	1079	232	38	4.00			7.0	925	199	38	4.65																																																																																																																																																																																																
15	324	90.26	8.6	1.70			18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50	18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28	176	48.95			7.4			2.10	30	165	46.04	7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647		169	0.95		28	179	49.79	4.6	1.05	31	160			44.46	4.5	1.15	37	136	37.97	4.4	1.35			39	128	35.57	4.4	1.45			46	108	29.96	4.2	1.75			48	103	28.83		4.2	1.80		56	90	24.99		4.1	2.10		60	84	23.36	4.0	2.20			69	72	20.19	3.9	2.40	81	62			17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90	0.16	40129			8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562					135	1.10	0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10			0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10	0.72	8957			1926	77	1.45	0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10			1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30	1.2	5422			1166	62	1.50	1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90			1.8	3688	793	62	2.15			2.0	3237	696	62	2.45			2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10	1.9	3455			743	38	1.25	2.1	3027	651	38	1.40			2.4	2665	573	38	1.60			2.8	2344	504	38	1.85			3.2	2032	437	38	2.10			3.6	1776	382	38	2.40			4.6	1418	305	38	3.05			5.4	1200	258	38	3.60	6.0	1079			232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																							
18	275	76.56	8.8	2.00			20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647		169	0.95		28	179	49.79		4.6	1.05		31	160	44.46	4.5	1.15	37	136			37.97	4.4	1.35	39	128	35.57	4.4	1.45			46	108	29.96	4.2	1.75			48	103	28.83	4.2	1.80			56	90	24.99		4.1	2.10		60	84	23.36		4.0	2.20		69	72	20.19	3.9	2.40			81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			0.21	30516	6562			135	1.10	0.26	24903	5355			135	1.35	0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10			1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50	1.3	4790			1030	62	1.65	1.5	4204	904	62	1.90			1.8	3688	793	62	2.15			2.0	3237	696	62	2.45			2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25	2.1	3027			651	38	1.40	2.4	2665	573	38	1.60			2.8	2344	504	38	1.85			3.2	2032	437	38	2.10			3.6	1776	382	38	2.40			4.6	1418	305	38	3.05			5.4	1200	258	38	3.60			6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																														
20	248	69.12	8.9	2.20			23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4			2.10	30	165	46.04	7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647		169	0.95		28	179	49.79		4.6	1.05		31	160	44.46		4.5	1.15		37	136	37.97	4.4	1.35	39	128			35.57	4.4	1.45	46	108	29.96	4.2	1.75			48	103	28.83	4.2	1.80			56	90	24.99	4.1	2.10			60	84	23.36		4.0	2.20		69	72	20.19		3.9	2.40		81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10	0.26	24903	5355			135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60	0.90	7166			1541	78	1.85	1.0	6241	1342	78	2.10			1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50			1.3	4790	1030	62	1.65	1.5	4204			904	62	1.90	1.8	3688	793	62	2.15			2.0	3237	696	62	2.45			2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40	2.4	2665			573	38	1.60	2.8	2344	504	38	1.85			3.2	2032	437	38	2.10			3.6	1776	382	38	2.40			4.6	1418	305	38	3.05			5.4	1200	258	38	3.60			6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																					
23	218	60.81	9.0	2.60			24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4	2.10	30			165	46.04	7.5			2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95			28	179	49.79		4.6	1.05		31	160	44.46		4.5	1.15		37	136	37.97		4.4	1.35		39	128	35.57	4.4	1.45	46	108			29.96	4.2	1.75	48	103	28.83	4.2	1.80			56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20			69	72	20.19		3.9	2.40		81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355			135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85	1.0	6241			1342	78	2.10	1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50			1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90	1.8	3688			793	62	2.15	2.0	3237	696	62	2.45			2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60	2.8	2344			504	38	1.85	3.2	2032	437	38	2.10			3.6	1776	382	38	2.40			4.6	1418	305	38	3.05			5.4	1200	258	38	3.60			6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																												
24	206	57.42	9.1	2.70	13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW							15	326	90.86	6.2	1.15			16	306	85.12	6.5	1.50			18	270	75.20	6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95			28	179	49.79	4.6	1.05			31	160	44.46		4.5	1.15		37	136	37.97		4.4	1.35		39	128	35.57		4.4	1.45		46	108	29.96	4.2	1.75	48	103			28.83	4.2	1.80	56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20			69	72	20.19	3.9	2.40			81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355	135	1.35			0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85			1.0	6241	1342	78	2.10	1.2	5474			1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50			1.3	4790	1030	62	1.65			1.5	4204	904	62	1.90			1.8	3688	793	62	2.15	2.0	3237			696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60			2.8	2344	504	38	1.85	3.2	2032			437	38	2.10	3.6	1776	382	38	2.40			4.6	1418	305	38	3.05			5.4	1200	258	38	3.60			6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																			
13	375	104.37	5.6	1.00	GK49 GKF49 GKA49 GKAF49	4P	0.75kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
15	326	90.86	6.2	1.15			16	306	85.12			6.5	1.50	18	270	75.20			6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85	GK189R99 GKA189R99	4P	24	204	56.83	7.3	1.80	28	176	48.95			7.4	2.10	30	165	46.04					7.5	2.20	24	210	58.60			4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12			54164	11647	169	0.95	28	179	49.79	4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4			1.35	39	128	35.57	4.4			1.45	46	108	29.96	4.2			1.75	48	103		28.83	4.2		1.80	56	90		24.99	4.1		2.10	60	84		23.36	4.0		2.20	69	72	20.19	3.9	2.40	81			62	17.15	3.8	2.70	0.19	34148	7343	171			1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861	5991	171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135			1.10	0.26	24903	5355	135			1.35	0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540			107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46			14189	3051	108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78			2.10	1.2	5474	1177	78			2.40	1.4	4767	1025	78			2.80	1.5	4181	899	78			3.20	0.81	7966	1713	62			1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62	2.15	2.0			3237	696	62	2.45	2.3			2855	614	62	2.80	1.3			5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59			4P	1.5	4451	957	38			0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437			38	2.10	3.6	1776	382			38	2.40	4.6	1418	305			38	3.05	5.4	1200	258			38	3.60	6.0	1079	232			38	4.00	7.0	925	199			38	4.65																																																																																																																																																																																																																																																																												
16	306	85.12	6.5	1.50			18	270	75.20			6.8	1.40	20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83			7.3	1.80	28	176	48.95	7.4	2.10	30			165	46.04	7.5	2.20	24	210	58.60			4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12			54164	11647			169	0.95	28	179	49.79	4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4			1.45	46	108	29.96	4.2			1.75	48	103	28.83	4.2			1.80	56	90		24.99	4.1		2.10	60	84		23.36	4.0		2.20	69	72		20.19	3.9		2.40	81	62	17.15	3.8	2.70	0.19			34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10	0.26	24903			5355	135	1.35	0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46			14189	3051			108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365			110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46			13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10			1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80			1.5	4181	899	78	3.20			0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89			7231	1555	62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62	2.15	2.0	3237			696	62	2.45	2.3	2855			614	62	2.80	1.3	5125			1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59					4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38			2.10	3.6	1776	382	38			2.40	4.6	1418	305	38			3.05	5.4	1200	258	38			3.60	6.0	1079	232	38			4.00	7.0	925	199	38			4.65																																																																																																																																																																																																																																																																													
18	270	75.20	6.8	1.40			20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28			176	48.95	7.4	2.10	30	165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12			54164	11647			169	0.95	28	179	49.79			4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2			1.75	48	103	28.83	4.2			1.80	56	90	24.99	4.1			2.10	60	84		23.36	4.0		2.20	69	72		20.19	3.9		2.40	81	62		17.15	3.8		2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10	0.26			24903	5355	135	1.35	0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051			108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53			12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80			1.5	4181	899	78	3.20			0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0			6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855			614	62	2.80	1.3	5125			1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P			1.5	4451	957			38	0.95			1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38			2.40	4.6	1418	305	38			3.05	5.4	1200	258	38			3.60	6.0	1079	232	38			4.00	7.0	925	199	38			4.65																																																																																																																																																																																																																																																																																				
20	251	69.84	6.9	1.50	22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116	158	0.85			GK189R99 GKA189R99	4P	24	204	56.83					7.3	1.80	28					176	48.95	7.4			2.10	30	165	46.04	7.5	2.20	24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12			54164	11647	169	0.95	28			179	49.79	4.6	1.05	31			160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103			28.83	4.2	1.80	56	90			24.99	4.1	2.10	60	84			23.36	4.0	2.20		69	72		20.19	3.9	2.40		81	62		17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747			171	1.65	0.23	27861	5991			171	1.90	0.16	40129	8629			135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21			30516	6562	135			1.10	0.26	24903			5355	135	1.35	0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	0.46	14189	3051	108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	1.0	6348	1365	110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	0.46	13993	3009	75			0.95			0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78			2.40	1.4	4767	1025	78			2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79			4P	0.89	7231	1555	62			1.10			1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3			2855	614	62	2.80	1.3			5125	1102	38			0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451			957	38			0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382			38	2.40	4.6	1418	305			38	3.05	5.4	1200	258			38	3.60	6.0	1079	232			38	4.00	7.0	925	199			38	4.65																																																																																																																																																																																																																																																																																			
22	227	63.30	7.1	1.65	GK49 GKF49 GKA49 GKAF49	4P	0.11	60996	13116			158	0.85	GK189R99 GKA189R99	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
24	204	56.83	7.3	1.80			28	176	48.95			7.4	2.10			30					165	46.04	7.5	2.20	24			210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39			4P	0.12	54164	11647	169	0.95	28	179	49.79	4.6	1.05	31	160	44.46	4.5	1.15			37			136	37.97	4.4	1.35	39			128	35.57	4.4	1.45	46			108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72			20.19	3.9	2.40	81	62			17.15	3.8	2.70	0.19	34148			7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861	5991	171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			0.21	30516	6562			135	1.10	0.26	24903	5355	135	1.35	0.34	18969	4079	135	1.75	0.41	15700	3376	135			2.10			0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85					1.0	6241	1342	78			2.10			1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688					793	62	2.15	2.0			3237			696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504			38			1.85	3.2			2032	437			38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																										
28	176	48.95	7.4	2.10			30	165	46.04			7.5	2.20			24	210	58.60			4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12			54164	11647	169	0.95		28	179		49.79	4.6	1.05	31	160	44.46	4.5	1.15	37	136	37.97	4.4	1.35	39	128			35.57			4.4	1.45	46	108	29.96			4.2	1.75	48	103	28.83			4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8			2.70	0.19	34148	7343	171			1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861			5991	171	1.90	0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10					0.26	24903	5355	135	1.35	0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	0.46	14189	3051	108	1.25	0.84	7715			1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009			75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342					78	2.10	1.2	5474			1177			78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89			7231	1555	62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793					62	2.15	2.0	3237			696			62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59			4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344			504			38	1.85			3.2	2032			437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																									
30	165	46.04	7.5	2.20			24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P			0.12	54164	11647			169	0.95			28	179	49.79	4.6	1.05	31	160		44.46	4.5		1.15	37	136	37.97	4.4	1.35	39	128	35.57	4.4	1.45	46	108	29.96	4.2			1.75			48	103	28.83	4.2	1.80			56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99			4P	0.21	31377	6747	171	1.65	0.23	27861			5991	171	1.90	0.16	40129	8629	135			0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25		0.84	7715		1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398			3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124			2607	76	1.10			0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40					1.4	4767	1025	78			2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213			1336			62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45					2.3	2855	614	62			2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976					855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38			2.10			3.6	1776			382	38			2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																
24	210	58.60	4.6	0.90	GK39 GKF39 GKA39 GKAF39	4P	0.12	54164	11647	169	0.95					28	179	49.79	4.6	1.05	31	160			44.46	4.5	1.15	37	136	37.97	4.4		1.35	39		128	35.57	4.4	1.45	46	108	29.96	4.2	1.75	48	103	28.83	4.2	1.80	56			90			24.99	4.1	2.10	60	84			23.36	4.0	2.20	69	72			20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65		0.23	27861		5991	171	1.90	0.16	40129	8629	135			0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135			1.10			0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051			108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365			110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009			75	0.95	0.53	12124	2607	76	1.10			0.72	8957	1926			77	1.45	0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025					78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555			62	1.10	1.0	6213	1336	62	1.30			1.2			5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62	1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614					62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957			38	0.95	1.6	3976	855	38	1.10					1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776			382			38	2.40			4.6	1418			305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																			
28	179	49.79	4.6	1.05			31	160	44.46	4.5	1.15			37	136	37.97	4.4	1.35	39	128	35.57	4.4			1.45	46	108	29.96	4.2	1.75	48		103	28.83		4.2	1.80	56	90	24.99	4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19			3.9			2.40	81	62	17.15	3.8			2.70	0.19	34148	7343	171			1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65	0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85		GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P		0.21	30516	6562	135	1.10	0.26	24903			5355			135	1.35	0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10			0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659	110	2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311	72	0.85			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607	76	1.10			0.72	8957	1926			77	1.45	0.79	8171	1757	77	1.60			0.90	7166	1541			78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713		62	1.00		GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336	62	1.30			1.2	5422	1166			62	1.50	1.3	4790	1030	62	1.65			1.5			4204	904	62	1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5		4451	957		38	0.95	1.6	3976	855	38	1.10			1.9	3455	743			38	1.25	2.1	3027	651	38	1.40					2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200			258			38	3.60			6.0	1079			232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																													
31	160	44.46	4.5	1.15			37	136	37.97	4.4	1.35			39	128	35.57	4.4	1.45	46	108	29.96	4.2			1.75	48	103	28.83	4.2	1.80	56		90	24.99		4.1	2.10	60	84	23.36	4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15			3.8			2.70	0.19	34148	7343	171			1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90	0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562					135	1.10	0.26	24903	5355	135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10			0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45			0.79	8171	1757			77	1.60	0.90	7166	1541	78	1.85			1.0	6241	1342			78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50			1.3	4790	1030			62	1.65	1.5	4204	904	62	1.90			1.8			3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957			38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25			2.1	3027	651			38	1.40	2.4	2665	573	38	1.60					2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079			232			38	4.00		7.0	925	199	38		4.65																																																																																																																																																																																																																																																																																																																																																				
37	136	37.97	4.4	1.35			39	128	35.57	4.4	1.45			46	108	29.96	4.2	1.75	48	103	28.83	4.2			1.80	56	90	24.99	4.1	2.10	60		84	23.36		4.0	2.20	69	72	20.19	3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343			171			1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562					135	1.10	0.26	24903			5355	135	1.35	0.34	18969	4079	135	1.75	0.41	15700	3376			135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60			0.90	7166	1541			78	1.85	1.0	6241	1342	78	2.10			1.2	5474	1177			78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555			62	1.10	1.0	6213	1336			62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030			62	1.65	1.5			4204	904	62	1.90	1.8	3688	793			62			2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5			4451	957	38			0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1			3027	651	38			1.40	2.4	2665	573	38	1.60	2.8					2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232			38			4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																							
39	128	35.57	4.4	1.45			46	108	29.96	4.2	1.75			48	103	28.83	4.2	1.80	56	90	24.99	4.1			2.10	60	84	23.36	4.0	2.20	69		72	20.19		3.9	2.40	81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21			31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10	0.26	24903	5355			135	1.35	0.34	18969			4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60	0.90	7166	1541	78	1.85			1.0	6241	1342			78	2.10	1.2	5474	1177	78	2.40			1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336			62	1.30	1.2	5422	1166			62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904			62	1.90	1.8			3688	793	62	2.15	2.0	3237	696			62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6			3976	855	38			1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4			2665	573	38			1.60	2.8	2344	504	38	1.85	3.2					2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																
46	108	29.96	4.2	1.75			48	103	28.83	4.2	1.80			56	90	24.99	4.1	2.10	60	84	23.36	4.0			2.20	69	72	20.19	3.9	2.40	81		62	17.15		3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747			171	1.65	0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355			135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45			0.79	8171	1757	77	1.60			0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10			1.2	5474	1177			78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166			62	1.50	1.3	4790	1030			62	1.65	1.5	4204	904	62	1.90	1.8	3688	793			62	2.15	2.0			3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9			3455	743	38			1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8			2344	504	38			1.85	3.2	2032	437	38	2.10	3.6					1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																					
48	103	28.83	4.2	1.80			56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20	69	72	20.19	3.9			2.40	81	62	17.15	3.8	2.70	0.19		34148	7343		171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747			171	1.65	0.23			27861	5991	171	1.90	0.16	40129	8629			135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562			135	1.10	0.26	24903	5355			135	1.35	0.34			18969	4079	135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051			108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365			110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009			75	0.95	0.53	12124	2607			76	1.10	0.72	8957	1926			77	1.45	0.79	8171	1757			77	1.60	0.90	7166	1541			78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177			78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555			62	1.10	1.0	6213	1336			62	1.30	1.2	5422	1166			62	1.50	1.3			4790	1030	62	1.65	1.5			4204	904	62	1.90	1.8	3688	793	62	2.15	2.0			3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957			38	0.95	1.6	3976	855			38	1.10	1.9	3455	743			38			1.25	2.1	3027			651	38	1.40	2.4	2665	573	38	1.60	2.8	2344	504	38			1.85	3.2	2032			437	38	2.10	3.6	1776	382	38					2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																								
56	90	24.99	4.1	2.10			60	84	23.36	4.0	2.20			69	72	20.19	3.9	2.40	81	62	17.15	3.8			2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991			171	1.90	0.16			40129	8629	135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355			135	1.35	0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607			76	1.10	0.72	8957	1926			77	1.45	0.79	8171	1757			77	1.60	0.90	7166	1541			78	1.85	1.0	6241	1342			78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336			62	1.30	1.2	5422	1166			62	1.50	1.3	4790	1030			62	1.65	1.5			4204	904	62	1.90	1.8			3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855			38	1.10	1.9	3455	743			38	1.25	2.1	3027	651			38			1.40	2.4	2665			573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38			2.10	3.6	1776			382	38	2.40	4.6	1418	305	38		3.05	5.4		1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																															
60	84	23.36	4.0	2.20			69	72	20.19	3.9	2.40			81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629			135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355	135	1.35			0.34	18969	4079			135	1.75	0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926			77	1.45	0.79	8171	1757			77	1.60	0.90	7166	1541			78	1.85	1.0	6241	1342			78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166			62	1.50	1.3	4790	1030			62	1.65	1.5	4204	904			62	1.90	1.8			3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743			38	1.25	2.1	3027	651			38	1.40	2.4	2665	573			38			1.60	2.8	2344			504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38			2.40	4.6	1418			305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																						
69	72	20.19	3.9	2.40			81	62	17.15	3.8	2.70	0.19	34148	7343	171	1.50	GK169R99 GKA169R99	4P	0.21	31377	6747	171	1.65			0.23	27861	5991	171	1.90			0.16	40129	8629	135	0.85			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53	12124	2607	76	1.10			0.72	8957	1926	77	1.45			0.79	8171	1757			77	1.60	0.90	7166	1541			78	1.85	1.0	6241	1342			78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166	62	1.50			1.3	4790	1030			62	1.65	1.5	4204	904			62	1.90	1.8	3688	793			62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651			38	1.40	2.4	2665	573			38	1.60	2.8	2344	504			38			1.85	3.2	2032			437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38			3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																													
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0.21	31377	6747	171	1.65			0.23	27861	5991			171	1.90	0.16	40129	8629			135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10	0.26	24903	5355	135	1.35			0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79			8171	1757	77	1.60	0.90			7166	1541	78	1.85	1.0			6241	1342	78	2.10	1.2			5474	1177	78	2.40	1.4			4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030			62	1.65	1.5	4204	904			62	1.90	1.8	3688	793			62	2.15	2.0	3237	696			62	2.45	2.3	2855	614			62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40			2.4	2665	573	38	1.60			2.8	2344	504	38	1.85			3.2	2032	437	38	2.10			3.6	1776	382	38	2.40			4.6	1418	305			38	3.05	5.4	1200	258			38	3.60	6.0	1079	232			38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																												
0.23	27861	5991	171	1.90			0.16	40129	8629			135	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	0.21	30516	6562	135	1.10			0.26	24903	5355	135	1.35	0.34	18969	4079	135	1.75			0.41	15700	3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365			110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46			13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171			1757	77	1.60	0.90	7166			1541	78	1.85	1.0	6241			1342	78	2.10	1.2	5474			1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89			7231	1555	62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62			1.65	1.5	4204	904	62			1.90	1.8	3688	793	62			2.15	2.0	3237	696	62			2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5			4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4			2665	573	38	1.60	2.8			2344	504	38	1.85	3.2			2032	437	38	2.10	3.6			1776	382	38	2.40	4.6			1418	305	38			3.05	5.4	1200	258	38			3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																															
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0.21	30516	6562	135	1.10	0.26	24903			5355	135	1.35	0.34	18969			4079	135	1.75	0.41	15700			3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25	0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80	0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95	0.53	12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79			8171			1757	77	1.60	0.90	7166	1541	78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177			78	2.40	1.4	4767	1025			78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10	1.0	6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030			62			1.65	1.5	4204	904	62	1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855			614	62	2.80	1.3	5125			1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40			2.4			2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6			1418	305	38	3.05	5.4			1200	258	38	3.60	6.0			1079	232	38	4.00	7.0			925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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0.34	18969	4079	135	1.75	0.41	15700			3376	135	2.10	0.39	16463	3540	107	1.10	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	14189	3051	108	1.25			0.84	7715	1659	110	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	1.0	6348	1365	110	2.80			0.42	15398	3311	72	0.85	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	0.46	13993	3009	75	0.95			0.53			12124	2607	76	1.10	0.72	8957	1926	77	1.45	0.79	8171	1757	77	1.60	0.90	7166			1541			78	1.85	1.0	6241	1342	78	2.10	1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0			6213	1336	62	1.30	1.2	5422	1166	62	1.50	1.3	4790	1030	62	1.65	1.5	4204	904	62			1.90			1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6			3976	855	38	1.10	1.9	3455	743	38	1.25	2.1	3027	651	38	1.40	2.4	2665	573	38	1.60	2.8			2344			504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200			258	38	3.60	6.0	1079			232	38	4.00	7.0	925			199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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1.2	5474	1177	78	2.40	1.4	4767	1025	78	2.80	1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555	62	1.10			1.0	6213	1336	62	1.30			1.2	5422	1166			62	1.50	1.3	4790	1030			62	1.65	1.5			4204	904	62	1.90	1.8			3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957			38	0.95	1.6	3976	855			38			1.10	1.9	3455	743	38			1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60	2.8	2344	504	38	1.85	3.2	2032	437	38			2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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1.5	4181	899	78	3.20	0.81	7966	1713	62	1.00	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	0.89	7231	1555			62	1.10	1.0			6213	1336	62	1.30	1.2			5422	1166	62	1.50	1.3			4790	1030	62			1.65	1.5	4204	904	62			1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957			38	0.95	1.6			3976	855	38			1.10	1.9	3455	743	38			1.25			2.1	3027	651	38	1.40			2.4			2665	573	38	1.60	2.8			2344	504	38	1.85	3.2	2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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0.89	7231	1555	62	1.10			1.0	6213	1336			62	1.30	1.2			5422	1166	62			1.50	1.3	4790	1030	62			1.65	1.5	4204	904	62			1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95	1.6	3976	855	38	1.10			1.9	3455	743			38	1.25	2.1			3027	651	38			1.40	2.4	2665	573	38			1.60			2.8	2344	504	38	1.85			3.2			2032	437	38	2.10	3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1.0	6213	1336	62	1.30			1.2	5422	1166			62	1.50	1.3			4790	1030	62			1.65	1.5	4204	904	62			1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10	1.9	3455	743	38	1.25			2.1	3027	651			38	1.40	2.4			2665	573	38			1.60	2.8	2344	504	38			1.85			3.2	2032	437	38	2.10			3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1.2	5422	1166	62	1.50			1.3	4790	1030			62	1.65	1.5			4204	904	62			1.90	1.8	3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25	2.1	3027	651	38	1.40			2.4	2665	573			38	1.60	2.8			2344	504	38			1.85	3.2	2032	437	38			2.10			3.6	1776	382	38	2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1.3	4790	1030	62	1.65			1.5	4204	904			62	1.90	1.8			3688	793	62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40	2.4	2665	573	38	1.60			2.8	2344	504			38	1.85	3.2			2032	437	38			2.10	3.6	1776	382	38			2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1.5	4204	904	62	1.90			1.8	3688	793			62	2.15	2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60	2.8	2344	504	38	1.85			3.2	2032	437			38	2.10	3.6			1776	382	38			2.40	4.6	1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1.8	3688	793	62	2.15			2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60			2.8	2344	504	38	1.85	3.2	2032	437	38	2.10			3.6	1776	382			38	2.40	4.6			1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
2.0	3237	696	62	2.45	2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957	38	0.95			1.6	3976	855	38	1.10			1.9	3455	743	38	1.25			2.1	3027	651	38	1.40			2.4	2665	573	38	1.60			2.8	2344	504	38	1.85			3.2	2032	437	38	2.10	3.6	1776	382	38	2.40			4.6	1418	305			38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
2.3	2855	614	62	2.80	1.3	5125	1102	38	0.85	GK99R59 GKF99R59 GKA99R59 GKAF99R59	4P	1.5	4451	957			38	0.95	1.6	3976	855			38	1.10	1.9	3455	743			38	1.25	2.1	3027	651			38	1.40	2.4	2665	573			38	1.60	2.8	2344	504			38	1.85	3.2	2032	437			38	2.10	3.6	1776	382	38	2.40	4.6	1418	305			38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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1.5	4451	957	38	0.95			1.6	3976	855			38	1.10	1.9			3455	743	38	1.25	2.1			3027	651	38	1.40	2.4			2665	573	38	1.60	2.8			2344	504	38	1.85	3.2			2032	437	38	2.10	3.6			1776	382	38	2.40	4.6			1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1.6	3976	855	38	1.10			1.9	3455	743			38	1.25	2.1			3027	651	38	1.40	2.4			2665	573	38	1.60	2.8			2344	504	38	1.85	3.2			2032	437	38	2.10	3.6			1776	382	38	2.40	4.6			1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1.9	3455	743	38	1.25			2.1	3027	651			38	1.40	2.4			2665	573	38	1.60	2.8			2344	504	38	1.85	3.2			2032	437	38	2.10	3.6			1776	382	38	2.40	4.6			1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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2.4	2665	573	38	1.60			2.8	2344	504			38	1.85	3.2			2032	437	38	2.10	3.6			1776	382	38	2.40	4.6			1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
2.8	2344	504	38	1.85			3.2	2032	437			38	2.10	3.6			1776	382	38	2.40	4.6			1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
3.2	2032	437	38	2.10			3.6	1776	382			38	2.40	4.6			1418	305	38	3.05	5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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4.6	1418	305	38	3.05			5.4	1200	258	38	3.60	6.0	1079	232	38	4.00	7.0	925	199	38	4.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.75kW							0.75kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1.9	3376	726	25	0.80	GK89R59 GKF89R59 GKA89R59 GKAF89R59	4P	18	368	75.20	5.8	1.00	GK49 GKF49 GKA49 GKAF49	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
2.2	2967	638	26	0.90			2.5	2614	562	26	1.05			2.9	2204	474	27	1.25	3.3	1981	426	27	1.35	3.7	1735	373	27	1.55	4.2	1535	330	27	1.75	4.7	1363	293	27	2.00	5.6	1163	250	27	2.30	5.9	1098	236	27	2.45	6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46	4.0	0.85	GK39 GKF39 GKA39 GKAF39	4P	4.3	1516	326	15	1.00	4.8	1344	289	16	1.15	5.5	1167	251	17	1.30	6.3	1023	220	17	1.50	3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99	8P	37	186	37.97	3.9	1.00	4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39	174	35.57	3.9	1.10	5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30	5.5	1229	164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35	8.0	853	174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55	7.1	957	128.00	17	1.50	8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529	108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30	23	297	60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																									
2.5	2614	562	26	1.05			2.9	2204	474	27	1.25			3.3	1981	426	27	1.35	3.7	1735	373	27	1.55	4.2	1535	330	27	1.75	4.7	1363	293	27	2.00	5.6	1163	250	27	2.30	5.9	1098	236	27	2.45	6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46			4.0	0.85	GK39 GKF39 GKA39 GKAF39	4P	4.3			1516	326	15	1.00	4.8	1344	289	16	1.15	5.5	1167	251	17	1.30	6.3	1023	220	17	1.50	3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99			8P	37	186	37.97	3.9	1.00	4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27			1.75	GK89 GKF89 GKA89 GKAF89	8P	39	174	35.57	3.9	1.10	5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302			174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30	5.5	1229	164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70			7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35	8.0	853	174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33			27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55	7.1	957	128.00	17	1.50	8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00	10			663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19			2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529			108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30			23	297	60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																								
2.9	2204	474	27	1.25			3.3	1981	426	27	1.35	3.7	1735	373	27	1.55	4.2	1535	330	27	1.75	4.7	1363	293	27	2.00	5.6	1163	250	27	2.30	5.9	1098	236	27	2.45	6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46	4.0	0.85			GK39 GKF39 GKA39 GKAF39	4P	4.3			1516	326			15			1.00	4.8	1344	289	16	1.15	5.5	1167	251	17	1.30	6.3	1023	220	17	1.50	3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99	8P	37					186	37.97	3.9	1.00	4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75			GK89 GKF89 GKA89 GKAF89			8P	39	174	35.57	3.9	1.10	5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2			1302	174.19	27			1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30	5.5	1229	164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949			126.91	27	2.70	7.0	966			197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35	8.0	853	174.19	27	3.00	8.5	804	164.34			27	3.20	9.4	721	147.33	27	3.50			6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55	7.1	957	128.00	17	1.50	8.0	846	113.10	18			1.70	9.4	723	96.66	18	2.00	10	663	88.61			18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20			11	627	128.00	18	2.30	12	554	113.10	19	2.60	14			473	96.66	19	3.10	11	605	123.54			11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529	108.03	11			1.45	15	441	90.04	12	1.75	18	374	76.37	12			2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30	23	297			60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0			2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45							
3.3	1981	426	27	1.35			3.7	1735	373	27	1.55	4.2	1535	330	27	1.75	4.7	1363	293	27	2.00	5.6	1163	250	27	2.30	5.9	1098	236	27	2.45	6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46			4.0	0.85	GK39 GKF39 GKA39 GKAF39	4P	4.3					1516			326	15			1.00			4.8	1344	289	16	1.15	5.5	1167	251	17	1.30	6.3	1023	220	17	1.50	3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99			8P		37	186		37.97	3.9	1.00	4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89							8P	39	174	35.57	3.9	1.10	5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50			5.2	1302	174.19			27			1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30	5.5	1229	164.34	27	2.10	6.2	1102	147.33	27			2.30	7.2	949	126.91	27			2.70	7.0	966			197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35	8.0	853	174.19			27	3.00	8.5	804	164.34	27	3.20			9.4	721	147.33	27	3.50			6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55	7.1	957			128.00	17	1.50	8.0	846	113.10	18	1.70	9.4			723	96.66	18	2.00	10	663	88.61			18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20	11	627	128.00	18			2.30	12	554	113.10	19	2.60	14			473	96.66			19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P			69	99	20.19	3.7	1.75	13	529	108.03	11	1.45			15			441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81			84	17.15	3.6	2.00	20	338	68.95	12	2.30	23	297	60.66	12			2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23			298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31			217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25				
3.7	1735	373	27	1.55			4.2	1535	330	27	1.75	4.7	1363	293	27	2.00	5.6	1163	250	27	2.30	5.9	1098	236	27	2.45	6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46			4.0	0.85	GK39 GKF39 GKA39 GKAF39			4P	4.3			1516					326			15	1.00			4.8			1344	289	16	1.15	5.5	1167	251	17	1.30	6.3	1023	220	17	1.50	3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99					8P	37	186	37.97	3.9	1.00	4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89		8P	39						174	35.57	3.9	1.10	5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89			6P			46			147	29.96	3.9	1.30	5.5	1229	164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966			197.37	27	2.60			GK89 GKF89 GKA89 GKAF89	4P	48			141	28.83	3.9	1.35	8.0	853	174.19	27			3.00	8.5	804	164.34	27	3.20	9.4			721	147.33	27	3.50	6.8			1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79			6P	56	122	24.99	3.8	1.55	7.1	957	128.00	17	1.50	8.0	846	113.10	18	1.70	9.4	723			96.66	18	2.00	10	663	88.61	18			2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79			4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11			605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69					99	20.19	3.7	1.75	13	529	108.03	11	1.45	15			441			90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69			4P			81	84	17.15	3.6	2.00	20	338	68.95	12	2.30	23	297	60.66			12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8			0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12			8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89			9.0	2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406			9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76
4.2	1535	330	27	1.75			4.7	1363	293	27	2.00	5.6	1163	250	27	2.30	5.9	1098	236	27	2.45	6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46			4.0	0.85	GK39 GKF39 GKA39 GKAF39			4P	4.3					1516			326					15	1.00	4.8	1344	289			16			1.15	5.5	1167	251	17	1.30	6.3	1023	220	17	1.50	3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99	8P	37			186	37.97			3.9	1.00	4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39				174		35.57	3.9			1.10	5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46		147	29.96				3.9			1.30	5.5	1229	164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83					3.9			1.35	8.0	853	174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33	27	3.50	6.8			1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79			6P	56	122	24.99					3.8	1.55	7.1	957	128.00	17	1.50	8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1	751	153.40	18			1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36					3.8	1.60	10	660	134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19			3.7			1.75	13	529	108.03	11	1.45	15	441	90.04	12	1.75	18			374			76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15							3.6	2.00	20	338	68.95	12	2.30	23	297	60.66	12	2.60	24			280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P			91			75	15.32	3.5	2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6			1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0			2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363			154	0.80	GK189R99 GKA189R99			4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541
4.7	1363	293	27	2.00			5.6	1163	250	27	2.30	5.9	1098	236	27	2.45	6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46			4.0	0.85	GK39 GKF39 GKA39 GKAF39			4P	4.3					1516					326			15	1.00	4.8			1344	289	16	1.15	5.5			1167			251	17	1.30	6.3	1023	220	17	1.50	3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99	8P	37			186		37.97	3.9	1.00	4.5		1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39			174				35.57	3.9	1.10	5.4	1252		126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46			147		29.96	3.9		1.30	5.5	1229			164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48			141	28.83	3.9	1.35	8.0			853			174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99					3.8	1.55	7.1					957	128.00	17	1.50	8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36			3.8	1.60	10					660	134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69			99	20.19	3.7			1.75	13	529	108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12			2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15			3.6	2.00	20							338	68.95	12	2.30	23	297	60.66	12	2.60	24	280	57.28	12			2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91					75			15.32	3.5	2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154			0.80	GK189R99 GKA189R99					4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436
5.6	1163	250	27	2.30			5.9	1098	236	27	2.45	6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46			4.0	0.85	GK39 GKF39 GKA39 GKAF39			4P	4.3					1516					326		15	1.00		4.8			1344	289	16			1.15	5.5	1167	251	17			1.30			6.3	1023	220	17	1.50	3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99	8P	37			186			37.97	3.9	1.00	4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39			174			35.57		3.9		1.10	5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46			147			29.96		3.9	1.30		5.5	1229	164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48			141			28.83	3.9	1.35	8.0	853			174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56			122	24.99	3.8		1.55	7.1		957	128.00	17					1.50	8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60			114	23.36	3.8			1.60	10	660		134.74	18		2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69			99			20.19	3.7	1.75	13	529	108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P			81			84	17.15	3.6			2.00	20	338		68.95	12				2.30	23	297	60.66	12	2.60	24	280	57.28	12	2.80	11	606			123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91			75					15.32			3.5	2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23			298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31			217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80			GK189R99 GKA189R99							4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91
5.9	1098	236	27	2.45			6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46			4.0	0.85	GK39 GKF39 GKA39 GKAF39			4P	4.3					1516					326		15	1.00		4.8		1344	289		16			1.15	5.5	1167			251	17	1.30	6.3	1023			220			17	1.50	3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99	8P	37			186			37.97	3.9	1.00	4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39			174			35.57			3.9	1.10	5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46			147			29.96			3.9	1.30	5.5	1229	164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48			141			28.83			3.9	1.35	8.0	853	174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56			122			24.99	3.8	1.55		7.1	957		128.00	17	1.50		8.0	846		113.10	18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60			114			23.36	3.8	1.60			10	660	134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69			99			20.19	3.7	1.75	13	529	108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81					84			17.15	3.6	2.00			20	338	68.95	12	2.30	23	297			60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95			GK59 GKF59 GKA59 GKAF59	4P	91			75			15.32					3.5			2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298			60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217			44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99											4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10							
6.9	935	201	27	2.90	3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46	4.0	0.85			GK39 GKF39 GKA39 GKAF39	4P	4.3			1516	326					15					1.00		4.8	1344		289		16	1.15		5.5		1167	251		17			1.30	6.3	1023			220	17	1.50	3.9	1736			176.05			38	2.30	GK99 GKF99 GKA99 GKAF99	8P	37	186	37.97			3.9			1.00	4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39	174	35.57			3.9			1.10			5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96			3.9			1.30			5.5	1229	164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83			3.9			1.35			8.0	853	174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99			3.8			1.55			7.1	957	128.00		17	1.50		8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36			3.8			1.60			10	660	134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19			3.7			1.75	13	529	108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15			3.6					2.00			20	338	68.95	12	2.30	23	297	60.66	12	2.60	24	280			57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32					3.5			2.20			13					530			108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60			1.1kW							1.1kW																0.15	63406	9363	154	0.80	GK189R99 GKA189R99													4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10						
3.8	1702	366	13	0.90	GK79R39 GKF79R39 GKA79R39 GKAF79R39	4P	31	218	44.46			4.0	0.85	GK39 GKF39 GKA39 GKAF39	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
4.3	1516	326	15	1.00			4.8	1344	289			16	1.15			5.5					1167			251	17		1.30	6.3		1023		220	17		1.50		3.9	1736		176.05		38	2.30		GK99 GKF99 GKA99 GKAF99		8P	37		186			37.97	3.9	1.00			4.5	1511	153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453			147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39	174	35.57	3.9	1.10	5.4	1252	126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27			2.50	5.2	1302			174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30	5.5	1229	164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70	7.0			966	197.37	27			2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35	8.0	853	174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74			17	1.45	GK79 GKF79 GKA79 GKAF79			6P	56	122	24.99	3.8	1.55	7.1	957	128.00	17	1.50	8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20			9.1	751	153.40			18			1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605			123.54	11	1.30			GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529	108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338			68.95	12	2.30	23	297	60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5			2.20	13	530			108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281			57.42	8.8	2.00					28			239			48.89					9.0			2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95								0.19	49727	7343	171	1.05										0.21	45691	6747	171	1.15																						0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																					
4.8	1344	289	16	1.15			5.5	1167	251			17	1.30			6.3					1023	220	17	1.50	3.9		1736	176.05		38		2.30	GK99 GKF99 GKA99 GKAF99		8P		37	186		37.97		3.9	1.00					4.5		1511			153.21	38	2.70	4.9	1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39	174	35.57	3.9	1.10	5.4	1252			126.91	27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89			6P	46	147	29.96	3.9	1.30	5.5	1229			164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48			141	28.83	3.9	1.35	8.0	853			174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99			3.8	1.55		7.1	957		128.00	17	1.50	8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P			60	114	23.36			3.8	1.60	10	660			134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99			20.19	3.7	1.75	13	529			108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30	23	297	60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5			1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0			2.40	31	217	44.43	9.1			2.60			1.1kW								1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95										0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30																						0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																					
5.5	1167	251	17	1.30			6.3	1023	220			17	1.50			3.9	1736	176.05			38	2.30	GK99 GKF99 GKA99 GKAF99	8P	37		186	37.97		3.9		1.00					4.5	1511		153.21		38	2.70					4.9		1383	140.28	38	3.00	4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39	174	35.57	3.9	1.10			5.4	1252	126.91	27	2.00	6.0	1142			115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96		3.9	1.30		5.5	1229	164.34	27	2.10	6.2	1102			147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83			3.9	1.35	8.0	853	174.19	27	3.00	8.5	804			164.34	27	3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99			3.8	1.55	7.1	957	128.00	17	1.50		8.0	846		113.10	18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36					3.8	1.60	10	660	134.74	18	2.20	11	627			128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19			3.7	1.75	13	529	108.03	11	1.45	15	441			90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15			3.6	2.00	20	338	68.95			12	2.30	23	297	60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91			75	15.32	3.5	2.20	13			530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217			44.43	9.1	2.60	1.1kW							1.1kW																0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171			1.45																		0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																											
6.3	1023	220	17	1.50			3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99	8P			37	186	37.97			3.9	1.00			4.5		1511	153.21		38		2.70					4.9	1383		140.28		38	3.00		4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39	174	35.57	3.9	1.10	5.4	1252			126.91	27	2.00	6.0	1142			115.82	27	2.20	6.7	1013	102.71	27			2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30			5.5	1229	164.34		27	2.10		6.2	1102	147.33	27	2.30	7.2	949			126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83			3.9	1.35	8.0			853	174.19	27	3.00	8.5	804	164.34	27	3.20			9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56			122	24.99	3.8			1.55	7.1	957	128.00	17	1.50	8.0		846	113.10		18	1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79			4P	60	114			23.36	3.8	1.60	10	660	134.74	18	2.20	11	627	128.00			18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69			4P	69	99			20.19	3.7	1.75	13	529	108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69			4P	81	84			17.15	3.6	2.00	20	338			68.95	12	2.30	23	297	60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8			0.95			GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32			3.5	2.20	13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0			2.40	31	217	44.43	9.1			2.60			1.1kW							1.1kW																0.15	63406	9363	154			0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167			0.95								0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30													0.26						36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																						
3.9	1736	176.05	38	2.30	GK99 GKF99 GKA99 GKAF99	8P	37	186	37.97	3.9	1.00					4.5	1511	153.21			38	2.70			4.9		1383	140.28		38		3.00	4.7		1453		147.33	27		1.75	GK89 GKF89 GKA89 GKAF89	8P	39	174	35.57	3.9	1.10	5.4	1252			126.91	27	2.00	6.0	1142	115.82	27			2.20	6.7	1013	102.71	27			2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30	5.5	1229			164.34	27	2.10	6.2	1102			147.33	27	2.30		7.2	949		126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35	8.0	853			174.19	27	3.00			8.5	804	164.34			27	3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55	7.1	957			128.00			17	1.50	8.0			846	113.10	18	1.70	9.4	723	96.66		18	2.00		10	663	88.61	18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60					10	660			134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75					13	529	108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00					20	338			68.95	12	2.30	23	297	60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5			2.20					13	530	108.29			7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217	44.43	9.1			2.60	1.1kW									1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P														0.17	55029	8126	167	0.95										0.19	49727	7343	171	1.05								0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284			5358	171			1.45												0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																													
4.5	1511	153.21	38	2.70			4.9	1383	140.28	38	3.00					4.7	1453	147.33			27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39		174	35.57		3.9		1.10	5.4		1252	126.91	27	2.00	6.0	1142			115.82	27	2.20	6.7	1013	102.71	27			2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89			6P	46	147	29.96	3.9	1.30	5.5	1229	164.34	27	2.10	6.2	1102			147.33	27	2.30	7.2	949	126.91	27			2.70	7.0	966	197.37	27			2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35	8.0	853	174.19	27	3.00	8.5	804			164.34	27	3.20	9.4	721	147.33	27			3.50	6.8	1007			134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55	7.1	957	128.00	17	1.50	8.0	846			113.10	18	1.70	9.4	723	96.66	18			2.00			10	663	88.61			18	2.20	9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20	11	627			128.00	18	2.30	12	554					113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529	108.03	11	1.45	15	441			90.04	12	1.75	18	374		76.37	12		2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30	23	297			60.66	12	2.60	24	280					57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05	14	504			102.88	7.8	1.10	15			442					90.26	8.1	1.30			18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW																		0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126					167	0.95												0.19	49727	7343	171	1.05										0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45										0.29	32621		4817	171	1.60											0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																									
4.9	1383	140.28	38	3.00			4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P			39	174	35.57			3.9	1.10			5.4		1252	126.91		27	2.00	6.0	1142	115.82	27	2.20	6.7	1013	102.71	27			2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89			6P	46	147	29.96	3.9	1.30		5.5	1229		164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949	126.91	27			2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89			4P	48	141	28.83	3.9	1.35	8.0	853			174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721	147.33	27			3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79			6P	56	122	24.99	3.8	1.55	7.1	957			128.00	17	1.50	8.0	846	113.10	18	1.70	9.4	723	96.66	18			2.00	10	663	88.61	18	2.20	9.1			751			153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660			134.74	18	2.20	11	627	128.00	18	2.30	12	554	113.10	19			2.60	14	473	96.66	19		3.10	11		605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529			108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12			2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338			68.95	12	2.30	23	297	60.66	12	2.60	24	280	57.28	12			2.80	11	606	123.85	6.8		0.95	GK59 GKF59 GKA59 GKAF59		4P	91	75	15.32	3.5	2.20	13	530			108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442	90.26	8.1			1.30	18	375	76.56			8.4					1.50	20	338			69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW																0.15	63406			9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95														0.19			49727	7343	171	1.05										0.21	45691	6747	171	1.15								0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60										0.32	29594	4370			171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																
4.7	1453	147.33	27	1.75	GK89 GKF89 GKA89 GKAF89	8P	39	174	35.57	3.9	1.10					5.4	1252	126.91			27	2.00			6.0	1142	115.82	27	2.20	6.7	1013	102.71	27	2.50	5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89			6P	46	147	29.96	3.9	1.30		5.5	1229		164.34	27	2.10	6.2	1102		147.33	27		2.30	7.2	949	126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89			4P	48	141	28.83	3.9	1.35		8.0	853		174.19	27	3.00	8.5	804	164.34	27			3.20	9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79			6P	56	122	24.99	3.8	1.55		7.1	957		128.00	17	1.50	8.0	846	113.10	18			1.70	9.4	723	96.66	18	2.00	10	663	88.61	18	2.20	9.1			751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60			114	23.36	3.8	1.60	10	660			134.74	18	2.20	11	627	128.00	18			2.30	12	554	113.10	19	2.60	14	473	96.66	19	3.10	11			605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529			108.03	11	1.45	15	441	90.04	12			1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338			68.95	12	2.30	23	297	60.66	12			2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59			4P	91	75	15.32	3.5	2.20	13		530		108.29	7.5	1.05	14	504	102.88	7.8			1.10	15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50	20			338	69.12	8.6	1.65			23					298	60.81	8.8			1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154			0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19	49727	7343					171	1.05												0.21	45691	6747	171	1.15										0.23	40571	5991	171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60									0.32	29594	4370	171	1.75									0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																									
5.4	1252	126.91	27	2.00			6.0	1142	115.82	27	2.20					6.7	1013	102.71	27	2.50	5.2	1302			174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30	5.5	1229	164.34	27	2.10		6.2	1102		147.33	27	2.30	7.2	949		126.91	27		2.70	7.0	966	197.37	27		2.60	GK89 GKF89 GKA89 GKAF89		4P	48	141	28.83	3.9	1.35	8.0	853	174.19	27	3.00		8.5	804		164.34	27	3.20	9.4	721		147.33	27		3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79			6P	56	122	24.99	3.8	1.55	7.1	957	128.00	17	1.50		8.0	846		113.10	18	1.70	9.4	723		96.66	18		2.00	10	663	88.61	18	2.20	9.1			751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10			660	134.74	18	2.20			11	627	128.00	18	2.30	12	554	113.10	19			2.60	14	473	96.66	19	3.10	11			605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529	108.03	11	1.45	15	441			90.04	12	1.75	18	374	76.37	12			2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30	23	297			60.66	12	2.60	24	280	57.28	12			2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59			4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05		14	504		102.88	7.8	1.10	15	442	90.26		8.1		1.30	18	375	76.56	8.4	1.50	20			338	69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42			8.8	2.00	28	239			48.89					9.0	2.40	31			217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95												0.19	49727	7343	171	1.05										0.21	45691	6747					171	1.15												0.23	40571	5991	171	1.30										0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																							
6.0	1142	115.82	27	2.20			6.7	1013	102.71	27	2.50			5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30	5.5	1229			164.34	27	2.10	6.2	1102	147.33	27	2.30	7.2	949		126.91	27		2.70	7.0	966	197.37	27		2.60	GK89 GKF89 GKA89 GKAF89		4P	48	141	28.83	3.9	1.35	8.0		853		174.19	27	3.00	8.5	804	164.34	27	3.20	9.4	721		147.33	27		3.50	6.8	1007	134.74	17		1.45	GK79 GKF79 GKA79 GKAF79		6P	56	122	24.99	3.8	1.55		7.1	957		128.00	17	1.50	8.0	846	113.10	18	1.70	9.4	723		96.66	18		2.00	10	663	88.61	18		2.20	9.1		751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60			114	23.36	3.8	1.60			10	660	134.74	18	2.20	11	627	128.00	18	2.30	12	554			113.10	19	2.60	14	473	96.66	19	3.10	11			605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529			108.03	11	1.45	15	441	90.04	12	1.75	18	374	76.37	12			2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338			68.95	12	2.30	23	297	60.66	12	2.60	24	280	57.28	12			2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59			4P	91	75	15.32	3.5	2.20		13	530		108.29	7.5	1.05	14	504	102.88	7.8	1.10	15	442		90.26	8.1		1.30	18	375	76.56	8.4	1.50		20		338	69.12	8.6	1.65	23	298	60.81			8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40			31	217	44.43	9.1			2.60					1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171	1.15												0.23	40571			5991			171	1.30								0.26	36284			5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																														
6.7	1013	102.71	27	2.50			5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30			5.5	1229	164.34	27	2.10	6.2	1102			147.33	27	2.30	7.2	949	126.91	27	2.70	7.0	966		197.37	27		2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9		1.35		8.0	853	174.19	27	3.00	8.5		804		164.34	27	3.20	9.4	721	147.33	27	3.50	6.8	1007		134.74	17		1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8		1.55		7.1	957	128.00	17	1.50		8.0	846		113.10	18	1.70	9.4	723	96.66	18	2.00	10	663		88.61	18		2.20	9.1	751	153.40	18		1.95	GK79 GKF79 GKA79 GKAF79		4P	60	114	23.36			3.8	1.60	10	660	134.74	18	2.20			11	627	128.00	18	2.30	12	554	113.10	19	2.60	14	473			96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45	15	441			90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30	23	297			60.66	12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8			0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32		3.5	2.20		13	530	108.29	7.5	1.05		14	504		102.88	7.8	1.10	15	442	90.26	8.1	1.30	18	375		76.56	8.4		1.50	20	338	69.12	8.6	1.65		23		298	60.81	8.8	1.90	24	281	57.42			8.8	2.00	28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60			1.1kW											1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171	1.15										0.23	40571	5991					171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																					
5.2	1302	174.19	27	1.95	GK89 GKF89 GKA89 GKAF89	6P	46	147	29.96	3.9	1.30			5.5	1229	164.34	27	2.10			6.2	1102	147.33	27	2.30	7.2	949			126.91	27	2.70	7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35			8.0	853	174.19	27		3.00		8.5	804	164.34	27	3.20	9.4		721		147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55			7.1	957	128.00	17		1.50		8.0	846	113.10	18	1.70		9.4	723		96.66	18	2.00	10	663	88.61	18	2.20	9.1	751		153.40	18		1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8		1.60		10	660	134.74			18	2.20	11	627	128.00	18	2.30			12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60	24	280			57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29		7.5	1.05		14	504	102.88	7.8	1.10		15	442		90.26	8.1	1.30	18	375	76.56	8.4	1.50	20	338		69.12	8.6		1.65	23	298	60.81	8.8	1.90		24		281	57.42	8.8	2.00	28	239	48.89			9.0	2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW																0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95												0.19	49727	7343	171	1.05										0.21	45691	6747	171	1.15												0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45										0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																														
5.5	1229	164.34	27	2.10			6.2	1102	147.33	27	2.30			7.2	949	126.91	27	2.70			7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35	8.0	853	174.19	27	3.00			8.5	804	164.34	27	3.20			9.4	721	147.33	27		3.50		6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55	7.1	957	128.00	17	1.50			8.0	846	113.10	18	1.70			9.4	723	96.66	18		2.00		10	663	88.61	18	2.20		9.1	751		153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20			11	627	128.00	18		2.30		12	554	113.10			19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529	108.03	11	1.45			15	441	90.04	12	1.75			18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26		8.1	1.30		18	375	76.56	8.4	1.50		20	338		69.12	8.6	1.65	23	298	60.81	8.8	1.90	24	281		57.42	8.8		2.00	28	239	48.89	9.0	2.40		31		217	44.43	9.1	2.60	1.1kW							1.1kW																0.15	63406	9363	154	0.80			GK189R99 GKA189R99	4P								0.17			55029	8126	167	0.95										0.19			49727	7343	171	1.05										0.21	45691	6747	171	1.15										0.23	40571	5991			171	1.30										0.26	36284	5358	171	1.45										0.29	32621	4817			171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																								
6.2	1102	147.33	27	2.30			7.2	949	126.91	27	2.70			7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35			8.0	853	174.19	27	3.00	8.5	804	164.34	27	3.20			9.4	721	147.33	27	3.50			6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55			7.1	957	128.00	17	1.50	8.0	846	113.10	18	1.70			9.4	723	96.66	18	2.00			10	663	88.61	18		2.20		9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20	11	627	128.00	18	2.30			12	554	113.10	19		2.60		14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45	15	441	90.04	12	1.75			18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30	23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56		8.4	1.50		20	338	69.12	8.6	1.65		23	298		60.81	8.8	1.90	24	281	57.42	8.8	2.00	28	239		48.89	9.0		2.40	31	217	44.43	9.1	2.60		1.1kW							1.1kW														0.15	63406			9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19	49727			7343	171	1.05										0.21	45691			6747	171	1.15								0.23	40571			5991	171	1.30										0.26	36284			5358	171	1.45										0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																
7.2	949	126.91	27	2.70			7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35			8.0	853	174.19	27	3.00			8.5	804	164.34	27	3.20	9.4	721	147.33	27	3.50			6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55			7.1	957	128.00	17	1.50			8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00			10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20			11	627	128.00	18	2.30	12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60	24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12		8.6	1.65		23	298	60.81	8.8	1.90		24	281		57.42	8.8	2.00	28	239	48.89	9.0	2.40	31	217		44.43	9.1		2.60	1.1kW								1.1kW																0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029			8126	167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171	1.15										0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45										0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																					
7.0	966	197.37	27	2.60	GK89 GKF89 GKA89 GKAF89	4P	48	141	28.83	3.9	1.35			8.0	853	174.19	27	3.00			8.5	804	164.34	27	3.20			9.4	721	147.33	27	3.50	6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55			7.1	957	128.00	17	1.50			8.0	846	113.10	18	1.70			9.4	723	96.66	18	2.00	10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20			11	627	128.00	18	2.30			12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81		8.8	1.90		24	281	57.42	8.8	2.00		28	239		48.89	9.0	2.40	31	217	44.43	9.1	2.60	1.1kW							1.1kW															0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171	1.15												0.23	40571	5991	171	1.30										0.26	36284	5358	171	1.45										0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																														
8.0	853	174.19	27	3.00			8.5	804	164.34	27	3.20			9.4	721	147.33	27	3.50			6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55	7.1	957	128.00	17	1.50			8.0	846	113.10	18	1.70			9.4	723	96.66	18	2.00			10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20			11	627	128.00	18	2.30			12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529	108.03	11	1.45			15	441	90.04	12	1.75			18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89		9.0	2.40		31	217	44.43	9.1	2.60		1.1kW							1.1kW															0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029			8126	167	0.95												0.19	49727	7343	171	1.05										0.21	45691			6747	171	1.15										0.23	40571			5991	171	1.30										0.26	36284	5358	171	1.45										0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																									
8.5	804	164.34	27	3.20			9.4	721	147.33	27	3.50			6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55			7.1	957	128.00	17	1.50	8.0	846	113.10	18	1.70			9.4	723	96.66	18	2.00			10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20	11	627	128.00	18	2.30			12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45	15	441	90.04	12	1.75			18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30	23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43		9.1	2.60		1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19	49727			7343	171	1.05												0.21	45691	6747	171	1.15										0.23	40571			5991	171	1.30										0.26	36284			5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																
9.4	721	147.33	27	3.50			6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55			7.1	957	128.00	17	1.50			8.0	846	113.10	18	1.70	9.4	723	96.66	18	2.00			10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20			11	627	128.00	18	2.30	12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60	24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171			1.15										0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																							
6.8	1007	134.74	17	1.45	GK79 GKF79 GKA79 GKAF79	6P	56	122	24.99	3.8	1.55			7.1	957	128.00	17	1.50			8.0	846	113.10	18	1.70			9.4	723	96.66	18	2.00	10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20			11	627	128.00	18	2.30			12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747			171	1.15										0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																														
7.1	957	128.00	17	1.50			8.0	846	113.10	18	1.70			9.4	723	96.66	18	2.00			10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60	10	660	134.74	18	2.20			11	627	128.00	18	2.30			12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529	108.03	11	1.45			15	441	90.04	12	1.75			18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126			167	0.95										0.19			49727	7343	171	1.05										0.21	45691	6747			171	1.15										0.23			40571	5991	171	1.30										0.26	36284	5358			171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																										
8.0	846	113.10	18	1.70			9.4	723	96.66	18	2.00			10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20	11	627	128.00	18	2.30			12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45	15	441	90.04	12	1.75			18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30	23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19			49727	7343	171	1.05												0.21	45691	6747	171	1.15										0.23	40571	5991			171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																	
9.4	723	96.66	18	2.00			10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20			11	627	128.00	18	2.30	12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60	24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95								0.19			49727	7343	171	1.05												0.21	45691	6747	171			1.15								0.23			40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																								
10	663	88.61	18	2.20			9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20			11	627	128.00	18	2.30			12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171			1.15										0.23	40571	5991	171	1.30										0.26			36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																															
9.1	751	153.40	18	1.95	GK79 GKF79 GKA79 GKAF79	4P	60	114	23.36	3.8	1.60			10	660	134.74	18	2.20			11	627	128.00	18	2.30			12	554	113.10	19	2.60	14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95										0.19			49727	7343	171	1.05										0.21	45691	6747	171			1.15										0.23	40571			5991	171	1.30										0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																						
10	660	134.74	18	2.20			11	627	128.00	18	2.30			12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75	13	529	108.03	11	1.45			15	441	90.04	12	1.75			18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126			167	0.95										0.19			49727	7343	171	1.05												0.21	45691	6747	171	1.15										0.23	40571			5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																		
11	627	128.00	18	2.30			12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45	15	441	90.04	12	1.75			18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30	23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19			49727	7343	171	1.05												0.21	45691	6747	171			1.15								0.23	40571			5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																									
12	554	113.10	19	2.60			14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60	24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95								0.19			49727	7343	171	1.05												0.21	45691	6747	171			1.15										0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																
14	473	96.66	19	3.10	11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19	3.7	1.75			13	529	108.03	11	1.45			15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171			1.15										0.23	40571			5991	171	1.30										0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																							
11	605	123.54	11	1.30	GK69 GKF69 GKA69 GKAF69	4P	69	99	20.19			3.7	1.75	13	529	108.03			11	1.45	15	441	90.04	12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15			3.6	2.00	20	338	68.95			12	2.30	23	297	60.66			12	2.60	24	280	57.28	12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32			3.5	2.20	13	530	108.29			7.5	1.05	14	504	102.88			7.8	1.10	15	442	90.26			8.1	1.30	18	375	76.56	8.4	1.50	20	338	69.12			8.6	1.65	23	298	60.81			8.8	1.90	24	281	57.42			8.8	2.00	28	239	48.89			9.0	2.40	31	217	44.43			9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P												0.17	55029	8126	167			0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171	1.15												0.23	40571	5991			171	1.30								0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																										
13	529	108.03	11	1.45			15	441	90.04			12	1.75	18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00	20	338	68.95	12	2.30			23	297	60.66			12	2.60	24	280	57.28			12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05			14	504	102.88			7.8	1.10	15	442	90.26			8.1	1.30	18	375	76.56			8.4	1.50	20	338	69.12			8.6	1.65	23	298	60.81	8.8	1.90	24	281	57.42			8.8	2.00	28	239	48.89			9.0	2.40	31	217	44.43			9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95														0.19	49727	7343	171			1.05										0.21	45691	6747	171	1.15												0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																								
15	441	90.04	12	1.75			18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30	23	297	60.66	12	2.60			24	280	57.28			12	2.80	11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10			15	442	90.26			8.1	1.30	18	375	76.56			8.4	1.50	20	338	69.12			8.6	1.65	23	298	60.81			8.8	1.90	24	281	57.42	8.8	2.00	28	239	48.89			9.0	2.40	31	217	44.43			9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95												0.19	49727	7343	171			1.05										0.21	45691			6747	171	1.15										0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																															
18	374	76.37	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	81	84	17.15	3.6	2.00			20	338	68.95	12	2.30			23	297	60.66	12	2.60	24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30			18	375	76.56			8.4	1.50	20	338	69.12			8.6	1.65	23	298	60.81			8.8	1.90	24	281	57.42			8.8	2.00	28	239	48.89	9.0	2.40	31	217	44.43			9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95								0.19	49727	7343			171			1.05										0.21	45691			6747	171	1.15										0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																						
20	338	68.95	12	2.30			23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20	13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50	20	338	69.12	8.6	1.65			23	298	60.81			8.8	1.90	24	281	57.42			8.8	2.00	28	239	48.89			9.0	2.40	31	217	44.43			9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126			167	0.95										0.19			49727	7343	171	1.05								0.21			45691			6747	171	1.15												0.23	40571	5991	171	1.30										0.26	36284	5358			171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																		
23	297	60.66	12	2.60			24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05	14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90			24	281	57.42			8.8	2.00	28	239	48.89			9.0	2.40	31	217	44.43			9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19			49727	7343	171	1.05										0.21	45691	6747	171	1.15														0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																									
24	280	57.28	12	2.80			11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10	15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00			28	239	48.89			9.0	2.40	31	217	44.43			9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95								0.19			49727	7343	171	1.05												0.21	45691	6747	171	1.15												0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																																
11	606	123.85	6.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	91	75	15.32	3.5	2.20			13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30	18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40			31	217	44.43			9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171			1.15								0.23	40571	5991	171			1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																																							
13	530	108.29	7.5	1.05			14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65	23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P								0.17	55029	8126	167	0.95												0.19	49727	7343			171	1.05										0.21	45691	6747	171	1.15												0.23	40571	5991	171			1.30								0.26	36284	5358	171			1.45										0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																																																					
14	504	102.88	7.8	1.10			15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90	24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126	167	0.95										0.19			49727	7343	171	1.05												0.21	45691	6747	171	1.15										0.23	40571			5991	171	1.30										0.26	36284	5358	171	1.45										0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																																																										
15	442	90.26	8.1	1.30			18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00	28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17			55029	8126	167	0.95								0.19			49727	7343	171	1.05												0.21	45691	6747	171			1.15								0.23	40571			5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																																																																	
18	375	76.56	8.4	1.50			20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40	31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95										0.19	49727	7343	171	1.05												0.21	45691	6747	171			1.15										0.23	40571	5991	171	1.30												0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																																																																								
20	338	69.12	8.6	1.65			23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60	1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17	55029	8126			167	0.95												0.19	49727	7343	171	1.05										0.21	45691	6747	171			1.15										0.23	40571			5991	171	1.30										0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																																																																															
23	298	60.81	8.8	1.90			24	281	57.42	8.8	2.00			28	239	48.89	9.0	2.40			31	217	44.43	9.1	2.60			1.1kW							1.1kW														0.15	63406	9363	154	0.80	GK189R99 GKA189R99	4P										0.17			55029	8126	167	0.95												0.19	49727			7343	171	1.05								0.21	45691			6747	171	1.15												0.23	40571	5991	171	1.30										0.26	36284	5358	171	1.45								0.29	32621	4817	171	1.60								0.32	29594	4370	171	1.75								0.26	36264	5355	135	0.90								0.29	32424	4788	135	1.05								0.34	27623	4079	135	1.20								0.41	22862	3376	135	1.45								0.51	18657	2755	135	1.80								0.64	14776	2182	135	2.20								0.82	11539	1704	135	2.80								0.99	9535	1408	135	3.40								1.08	8776	1296	135	3.70								0.40	23973	3540	104	0.75								0.46	20661	3051	106	0.85								0.54	17675	2610	107	1.00								0.60	15731	2323	108	1.15								0.84	11235	1659	109	1.60								1.0	9244	1365	110	1.95								1.1	8323	1229	110	2.15								1.3	7402	1093	110	2.40								1.5	6379	942	110	2.75								1.6	5776	853	110	3.05								0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																																																																																				
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							0.73	13043	1926	75	1.00								0.80	11898	1757	76	1.10								0.91	10436	1541	76	1.25								1.0	9088	1342	77	1.45																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole
1.1kW							1.1kW						
1.2	7971	1177	77	1.65			10	960	134.74	17	1.55	GK79	
1.4	6941	1025	78	1.90			11	912	128.00	17	1.60	GKF79	4P
1.6	6088	899	78	2.20	GK129R79		12	806	113.10	18	1.80	GKA79	
1.8	5350	790	78	2.45	GKF129R79	4P						GKAF79	
2.0	4767	704	78	2.75	GKA129R79		14	689	96.66	18	2.10	GK79	
2.3	4131	610	78	3.20	GKAF129R79		16	632	88.61	18	2.30	GKF79	4P
2.6	3718	549	78	3.50			18	554	77.76	19	2.70	GKA79	
2.9	3230	477	78	4.05			19	525	73.69	19	2.80	GKAF79	
1.2	7896	1166	62	1.00			13	770	108.03	10	1.00	GK69	
1.4	6975	1030	62	1.15			14	732	102.62	10	1.05	GKF69	4P
1.5	6122	904	62	1.30			16	642	90.04	11	1.20	GKA69	
1.8	5370	793	62	1.50	GK109R79		18	544	76.37	11	1.45	GKAF69	
2.0	4713	696	62	1.70	GKF109R79	4P	20	492	68.95	12	1.60		
2.3	4158	614	62	1.90	GKA109R79		23	432	60.66	12	1.80	GK69	
2.7	3535	522	62	2.25	GKAF109R79		24	408	57.28	12	1.90	GKF69	4P
3.0	3122	461	62	2.55			29	348	48.77	12	2.20	GKA69	
3.4	2763	408	62	2.90			32	316	44.32	12	2.50	GKAF69	
3.8	2465	364	62	3.25			36	274	38.39	12	2.80		
4.4	2153	318	62	3.70			16	643	90.26	2.3	0.90		
1.9	5032	743	38	0.85			18	546	76.56	7.4	1.05		
2.2	4409	651	38	0.95	GK99R59		20	493	69.12	7.9	1.15		
2.4	3880	573	38	1.10	GKF99R59	4P	23	433	60.81	8.2	1.30	GK59	
2.8	3413	504	38	1.25	GKA99R59		24	409	57.42	8.3	1.40	GKF59	4P
3.2	2959	437	38	1.45	GKAF99R59		29	349	48.89	8.6	1.65	GKA59	
3.7	2587	382	38	1.65			32	317	44.43	8.7	1.80	GKAF59	
4.1	2316	342	38	1.85			36	274	38.49	8.9	2.10		
3.0	3210	474	25	0.85			39	254	35.70	8.9	2.20		
3.3	2885	426	26	0.95			46	216	30.28	9.1	2.60		
3.8	2526	373	26	1.05	GK89R59		51	195	27.34	9.0	2.90		
4.2	2235	330	26	1.20	GKF89R59	4P	58	171	24.05	8.8	3.30		
4.8	1984	293	27	1.35	GKA89R59		62	162	22.71	8.6	3.50		
5.6	1693	250	27	1.60	GKAF89R59		72	138	19.34	8.3	4.00		
5.9	1598	236	27	1.70			80	125	17.57	8.1	4.20		
7.0	1361	201	27	2.00			92	108	15.22	7.8	4.70	GK59	
3.9	2546	176.05	38	1.60	GK99		106	94	13.25	7.5	5.10	GKF59	4P
4.5	2216	153.21	38	1.80	GKF99	8P	117	85	11.92	7.2	4.60	GKA59	
4.9	2029	140.28	38	2.00	GKA99		124	80	11.26	7.1	4.90	GKAF59	
5.6	1792	123.93	38	2.20	GKAF99		146	68	9.59	6.8	5.60		
5.2	1931	176.05	38	2.10	GK99		161	62	8.71	6.6	6.00		
5.9	1680	153.21	38	2.50	GKF99	6P	185	54	7.55	6.3	6.40		
6.5	1538	140.28	38	2.70	GKA99		213	47	6.57	6.1	7.00		
7.3	1359	123.93	38	3.00	GKAF99		25	405	56.83	3.1	0.95	GK49	
8.0	1255	176.05	38	3.30	GK99		29	349	48.95	6.0	1.10	GKF49	4P
9.1	1092	153.21	38	3.70	GKF99	4P	30	328	46.04	6.3	1.15	GKA49	
10	1000	140.28	38	4.10	GKA99							GKAF49	
					GKAF99		35	282	39.61	6.7	1.35		
5.2	1910	174.19	27	1.35	GK89		40	252	35.39	6.7	1.50	GK49	
5.5	1802	164.34	27	1.45	GKF89	6P	45	223	31.30	6.6	1.70	GKF49	4P
6.2	1616	147.33	27	1.60	GKA89		48	209	29.32	6.5	1.80	GKA49	
7.2	1392	126.91	27	1.85	GKAF89		54	185	25.91	6.4	2.10	GKAF49	
8.0	1242	174.19	27	2.10	GK89		64	155	21.81	6.2	2.40		
8.5	1171	164.34	27	2.20	GKF89	4P	72	140	19.58	6.0	2.70		
9.5	1050	147.33	27	2.40	GKA89		47	214	29.96	3.2	0.90		
11	905	126.91	27	2.80	GKAF89		56	178	24.99	3.3	1.05	GK39	
12	826	115.82	27	3.10			60	167	23.36	3.3	1.10	GKF39	4P
6.8	1478	134.74	15	1.00	GK79		69	144	20.19	3.2	1.20	GKA39	
7.1	1404	128.00	15	1.05	GKF79	6P	82	122	17.15	3.2	1.40	GKAF39	
8.0	1240	113.10	16	1.20	GKA79		91	109	15.32	3.2	1.50		
9.4	1060	96.66	17	1.40	GKAF79		107	93	13.08	3.1	1.70		

**选型参数表
(恒功率)**

**Selection Table
(Constant Power)**

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole
1.1kW							1.5kW						
115	87	12.14	3.1	1.75			2.4	5291	573	38	0.80		
133	75	10.49	3.0	2.00	GK39		2.8	4654	504	38	0.90		
157	64	8.91	2.9	2.40	GKF39	4P	3.2	4035	437	38	1.05	GK99R59	
176	57	7.96	2.8	2.60	GKA39		3.7	3528	382	38	1.20	GKF99R59	4P
206	48	6.80	2.7	2.90	GKAF39		4.1	3158	342	38	1.35	GKA99R59	
220	45	6.37	2.7	3.00			4.6	2817	305	38	1.55	GKAF99R59	
261	38	5.36	2.6	3.50			5.4	2383	258	38	1.80		
1.5kW							1.5kW						
0.21	62305	6747	154	0.80			6.0	2142	232	38	2.00		
0.23	55324	5991	165	0.95	GK189R99		7.0	1838	199	38	2.35		
0.26	49478	5358	171	1.05	GKA189R99	4P	4.2	3047	330	25	0.90		
0.29	44483	4817	171	1.15			4.8	2706	293	26	1.00	GK89R59	
0.32	40355	4370	171	1.30			5.6	2309	250	26	1.15	GKF89R59	4P
0.39	33327	3609	171	1.50	GK189R99	4P	5.9	2179	236	27	1.25	GKA89R59	
0.46	28276	3062	171	1.80	GKA189R99		7.0	1856	201	62	1.45	GKAF89R59	
0.56	23262	2519	171	2.20			7.7	1690	183	27	1.60		
0.62	20944	2268	171	2.50			4.7	2871	143.47	62	2.70	GK109	
0.34	37668	4079	135	0.85	GK169R99	4P	5.6	2431	121.46	62	3.20	GKF109	8P
0.41	31176	3376	135	1.05	GKA169R99		6.0	2250	112.41	62	3.50	GKA109	
0.51	25441	2755	135	1.30								GKAF109	
0.64	20150	2182	135	1.60	GK169R99	4P	4.4	3066	153.21	38	1.35	GK99	
0.82	15736	1704	135	2.10	GKA169R99		4.8	2807	140.28	38	1.50	GKF99	8P
0.99	13002	1408	135	2.50			5.5	2480	123.93	38	1.70	GKA99	
1.08	11968	1296	135	2.70								GKAF99	
0.60	21452	2323	105	0.80	GK159R99	4P	5.3	2549	176.05	38	1.55	GK99	
					GKF159R99		6.1	2218	153.21	38	1.80	GKF99	6P
					GKA159R99		6.7	2031	140.28	38	1.95	GKA99	
					GKAF159R99		7.6	1794	123.93	38	2.20	GKAF99	
0.84	15320	1659	108	1.10			8.0	1711	176.05	38	2.40	GK99	
1.0	12605	1365	109	1.35	GK159R99	4P	9.1	1489	153.21	38	2.80	GKF99	4P
1.1	11349	1229	109	1.50	GKF159R99		10	1364	140.28	38	3.00	GKA99	
1.3	10093	1093	110	1.70	GKA159R99		11	1205	123.93	38	3.40	GKAF99	
1.5	8699	942	110	1.95	GKAF159R99		6.4	2133	147.33	26	1.20	GK89	
1.6	7877	853	110	2.15			7.4	1837	126.91	27	1.35	GKF89	6P
2.5	5236	567	110	3.25			8.1	1677	115.82	27	1.50	GKA89	
2.8	4654	504	111	3.65			9.2	1487	102.71	27	1.70	GKAF89	
2.6	4977	539	78	2.50	GK129R89	4P	8.0	1693	174.19	27	1.55		
3.3	3878	420	78	3.15	GKF129R89		8.5	1597	164.34	27	1.60	GK89	
3.8	3398	368	78	3.65	GKA129R89		9.5	1432	147.33	27	1.80	GKF89	4P
					GKAF129R89		11	1234	126.91	27	2.10	GKA89	
0.80	16225	1757	70	0.80			12	1126	115.82	27	2.30	GKAF89	
0.91	14230	1541	74	0.90			14	998	102.71	27	2.60		
1.0	12393	1342	76	1.05	GK129R79	4P	16	839	86.34	27	3.10		
1.2	10869	1177	76	1.20	GKF129R79		8.3	1637	113.10	13	0.90	GK79	
1.4	9465	1025	77	1.40	GKA129R79		9.7	1399	96.66	15	1.05	GKF79	6P
1.6	8302	899	77	1.60	GKAF129R79		11	1283	88.61	16	1.10	GKA79	
1.8	7295	790	78	1.80			12	1126	77.76	17	1.30	GKAF79	
2.0	6501	704	78	2.00			10	1310	134.74	16	1.15	GK79	
2.3	5633	610	78	2.35			11	1244	128.00	16	1.20	GKF79	4P
2.6	5070	549	78	2.55			12	1099	113.10	17	1.35	GKA79	
2.9	4405	477	78	3.00			14	940	96.66	17	1.55	GKAF79	
3.3	3869	419	78	3.45			16	861	88.61	18	1.70		
1.4	9512	1030	62	0.85			18	756	77.76	18	1.95		
1.5	8348	904	62	0.95	GK109R79	4P	19	716	73.69	18	2.10	GK79	
1.8	7323	793	62	1.10	GKF109R79		22	627	64.49	18	2.40	GKF79	4P
2.0	6427	696	62	1.25	GKA109R79		24	565	58.10	19	2.60	GKA79	
2.3	5670	614	62	1.40	GKAF109R79		27	495	50.97	19	3.00	GKAF79	
2.7	4820	522	62	1.65			31	437	44.98	19	3.40		
3.0	4257	461	62	1.90			35	388	39.88	19	3.80		
3.4	3768	408	62	2.10									
3.8	3361	364	62	2.40									
4.4	2937	318	62	2.70									

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	
1.5kW							2.2kW							
16	875	90.04	8.9	0.90			0.66	28933	2182	135	1.10			
18	742	76.37	10	1.05	GK69	4P	0.84	22595	1704	135	1.40			
20	670	68.95	11	1.15	GKF69		1.02	18670	1408	135	1.70	GK169R99	4P	
23	590	60.66	11	1.35	GKA69		1.10	17185	1296	135	1.85	GKA169R99		
24	557	57.28	11	1.40	GKAF69		1.30	14599	1101	135	2.20			
29	474	48.77	12	1.65			1.51	12517	944	135	2.50			
32	431	44.32	12	1.80			0.86	21998	1659	104	0.80			
36	373	38.39	12	2.00	GK69	4P	1.0	18100	1365	106	1.00	GK159R99	4P	
39	346	35.61	12	2.30	GKF69		1.2	16296	1229	107	1.10	GKF159R99		
46	294	30.21	12	2.70	GKA69		1.3	14493	1093	108	1.20	GKA159R99		
51	265	27.27	12	3.00	GKAF69		1.5	12491	942	109	1.40	GKAF159R99		
58	233	23.99	12	3.30			1.7	11311	853	109	1.55			
23	591	60.81	7.1	0.95	GK59	4P	1.9	10024	756	110	1.80			
24	558	57.42	7.4	1.05	GKF59		2.7	7147	539	78	1.80	GK129R89	4P	
29	475	48.89	8.0	1.20	GKA59		3.0	6312	476	78	2.05	GKF129R89		
32	432	44.43	8.2	1.35	GKAF59		3.4	5569	420	78	2.30	GKA129R89		
36	374	38.49	8.5	1.55			3.9	4880	368	78	2.65	GKAF129R89		
39	347	35.70	8.6	1.65	GK59	4P	4.3	4389	331	78	2.95			
46	294	30.28	8.7	1.95	GKF59		1.4	13591	1025	74	0.95			
51	266	27.34	8.6	2.20	GKA59		1.6	11921	899	76	1.10			
58	234	24.05	8.3	2.50	GKAF59		1.8	10475	790	76	1.25	GK129R79	4P	
62	221	22.71	8.2	2.60			2.0	9335	704	77	1.40	GKF129R79		
72	188	19.34	7.9	2.90		2.3	8088	610	77	1.60	GKA129R79			
35	385	39.61	5.6	1.00	GK49	4P	2.6	7280	549	78	1.80	GKAF129R79		
40	344	35.39	6.0	1.10	GKF49		3.0	6325	477	78	2.05			
45	304	31.30	6.0	1.25	GKA49		3.4	5556	419	78	2.35			
					GKAF49		2.3	8142	614	62	1.00			
48	285	29.32	6.0	1.35			2.7	6922	522	62	1.15			
54	252	25.91	5.9	1.50			3.1	6113	461	62	1.30	GK109R79	4P	
64	212	21.81	5.7	1.80	GK49	4P	3.5	5410	408	62	1.45	GKF109R79		
72	190	19.58	5.7	2.00	GKF49		3.9	4827	364	62	1.65	GKA109R79		
83	164	16.86	5.5	2.20	GKA49		4.5	4217	318	62	1.90	GKAF109R79		
88	154	15.86	5.4	2.40	GKAF49		5.0	3792	286	62	2.10			
103	133	13.65	5.3	2.60				5.7	3328	251	62	2.40		
115	118	12.19	5.2	2.80			3.7	5065	382	38	0.85			
119	114	11.77	5.1	2.30			4.2	4535	342	38	0.95	GK99R59	4P	
60	227	23.36	2.7	0.80			4.7	4044	305	38	1.05	GKF99R59		
69	196	20.19	2.8	0.90			5.5	3421	258	38	1.25	GKA99R59		
82	167	17.15	2.8	1.05			6.2	3076	232	38	1.40	GKAF99R59		
91	149	15.32	2.8	1.10			7.2	2639	199	38	1.60			
107	127	13.08	2.8	1.25	GK39	4P	4.9	4033	143.47	62	1.85	GK109	8P	
115	118	12.14	2.8	1.30	GKF39		5.8	3414	121.46	62	2.20	GKF109		
133	102	10.49	2.7	1.50	GKA39		6.3	3160	112.41	62	2.40	GKA109		
157	87	8.91	2.7	1.75	GKAF39		7.0	2832	100.75	62	2.70	GKAF109		
176	77	7.96	2.6	1.90				6.1	3253	153.21	38	1.25	GK99	6P
206	66	6.80	2.6	2.20				6.7	2979	140.28	38	1.35	GKF99	
220	62	6.37	2.5	2.20				7.6	2631	123.93	38	1.55	GKA99	
261	52	5.36	2.5	2.60				8.9	2232	105.13	38	1.85	GKAF99	
								8.1	2457	176.05	38	1.65	GK99	
								9.3	2138	153.21	38	1.90	GKF99	4P
							10	1958	140.28	38	2.10	GKA99		
							12	1730	123.93	38	2.30	GKAF99		
							14	1467	105.13	38	2.80	GK99	4P	
							15	1351	96.80	38	3.00	GKF99		
												GKA99	4P	
												GKAF99		
							9.7	2056	147.33	27	1.25	GK89		
							11	1771	126.91	27	1.45	GKF89		
							12	1617	115.82	27	1.55	GKA89		
												GKAF89		
2.2kW							2.2kW							
0.33	57945	4370	158	0.85	GK189R99	4P								
0.51	37366	2818	171	1.35	GKA189R99									
0.40	47855	3609	171	1.00		4P								
0.47	40602	3062	171	1.20										
0.57	33401	2519	171	1.50	GK189R99									
0.63	30073	2268	171	1.65	GKA189R99									
0.70	27236	2054	171	1.80										
0.79	24146	1821	171	2.10										
0.89	21282	1605	171	2.30										
0.52	36531	2755	135	0.85	GK169R99	4P								
0.63	30020	2264	135	1.05	GKA169R99									

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
2.2kW							2.2kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
14	1434	102.71	27	1.75	GK89 GKF89 GKA89 GKAF89	4P	85	235	16.86	4.9	1.50	GK49 GKF49 GKA49 GKAF49	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
17	1205	86.34	27	2.10			18	1107	79.34	27	2.30			20	983	70.46	27	2.60	23	879	63.00	27	2.90	13	1579	113.10	14	0.90	GK79 GKF79 GKA79 GKAF79	4P	109	183	13.08	2.3	0.85	GK39 GKF39 GKA39 GKAF39	4P	15	1349	96.66	15	1.05	16	1237	88.61	16	1.15	18	1085	77.76	17	1.35	19	1029	73.69	17	1.40	22	900	64.49	17	1.60	25	811	58.10	18	1.80	GK79 GKF79 GKA79 GKAF79	4P	224	89	6.37	2.3	1.55	GK189R99 GKA189R99	4P	28	711	50.97	18	2.00	32	628	44.98	18	2.30	36	557	39.88	19	2.60	41	489	35.05	19	3.00	46	429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P	0.47	55366	3062	160	0.90	GK169R99 GKA169R99	4P	49	407	29.15	19	3.60	56	356	25.51	19	4.10	24	847	60.66	9.0	0.90	25	799	57.28	10	0.95	29	681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	32	619	44.32	11	1.25	37	536	38.39	11	1.40	40	497	35.61	12	1.55	47	422	30.21	12	1.80	52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335	23.99	12	2.20	63	316	22.66	12	2.30	74	269	19.29	12	2.60	82	245	17.53	12	2.80	94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22	12	3.40	115	174	12.48	12	2.80	135	148	10.63	12	3.20	148	135	9.66	12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90	32	620	44.43	4.8	0.90	37	537	38.49	7.5	1.05	40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34	7.8	1.45	59	336	24.05	7.6	1.65	63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30	127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																																																																																																					
18	1107	79.34	27	2.30			20	983	70.46	27	2.60			23	879	63.00	27	2.90	13	1579	113.10	14	0.90	GK79 GKF79 GKA79 GKAF79	4P	109	183	13.08			2.3	0.85	GK39 GKF39 GKA39 GKAF39	4P	15			1349	96.66	15	1.05	16	1237	88.61	16	1.15	18	1085	77.76	17	1.35	19	1029	73.69	17	1.40	22	900	64.49	17	1.60	25	811	58.10	18	1.80	GK79 GKF79 GKA79 GKAF79			4P	224	89	6.37	2.3			1.55	GK189R99 GKA189R99	4P	28	711	50.97	18	2.00	32	628	44.98	18	2.30	36	557	39.88	19	2.60	41	489	35.05	19	3.00	46	429			30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P			0.47	55366	3062	160	0.90	GK169R99 GKA169R99	4P	49	407	29.15	19	3.60	56	356	25.51	19	4.10	24	847	60.66	9.0	0.90	25	799	57.28			10	0.95	29	681	48.77			11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	32	619	44.32	11	1.25	37	536	38.39	11	1.40	40	497	35.61	12			1.55	47	422	30.21	12			1.80	52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335	23.99	12	2.20	63	316	22.66	12	2.30			74	269	19.29	12	2.60			82	245	17.53	12	2.80	94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22	12	3.40	115			174	12.48	12	2.80	135			148	10.63	12	3.20	148	135	9.66	12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102			7.28	12	3.90	32	620			44.43	4.8	0.90	37	537	38.49	7.5	1.05	40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34			7.8	1.45	59	336	24.05	7.6	1.65	63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0			25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30	127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																																																																		
20	983	70.46	27	2.60			23	879	63.00	27	2.90			13	1579	113.10	14	0.90	GK79 GKF79 GKA79 GKAF79	4P	109	183	13.08			2.3	0.85	GK39 GKF39 GKA39 GKAF39			4P	15			1349			96.66	15	1.05	16	1237	88.61	16	1.15	18	1085	77.76	17	1.35	19	1029	73.69	17	1.40	22	900	64.49	17	1.60	25	811	58.10	18	1.80	GK79 GKF79 GKA79 GKAF79					4P	224	89	6.37			2.3			1.55	GK189R99 GKA189R99	4P	28	711	50.97	18	2.00	32	628	44.98	18	2.30	36	557	39.88	19	2.60	41	489	35.05	19			3.00	46	429					30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P			0.47	55366	3062	160	0.90	GK169R99 GKA169R99	4P	49	407	29.15	19	3.60	56	356	25.51	19	4.10	24			847	60.66	9.0	0.90	25			799	57.28			10	0.95	29	681	48.77			11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	32	619	44.32			11	1.25	37	536	38.39			11	1.40	40	497	35.61	12			1.55	47	422	30.21	12			1.80	52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009			2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P			60	335	23.99	12	2.20	63	316	22.66	12	2.30			74	269	19.29	12	2.60			82	245	17.53	12	2.80	94			212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69			4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22	12	3.40	115			174	12.48	12	2.80	135			148	10.63			12	3.20	148	135	9.66			12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102			7.28	12	3.90	32	620					44.43	4.8	0.90			37	537	38.49	7.5	1.05	40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70			GK109R79 GKF109R79 GKA109R79 GKAF109R79			4P	52	382	27.34					7.8	1.45	59	336	24.05	7.6	1.65	63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0			25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30	127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																															
23	879	63.00	27	2.90			13	1579	113.10	14	0.90			GK79 GKF79 GKA79 GKAF79	4P	109	183	13.08			2.3	0.85	GK39 GKF39 GKA39 GKAF39			4P	15					1349			96.66			15	1.05	16	1237	88.61	16	1.15	18	1085	77.76	17	1.35	19	1029	73.69	17	1.40	22	900	64.49	17	1.60	25	811	58.10	18	1.80	GK79 GKF79 GKA79 GKAF79							4P	224	89			6.37			2.3			1.55	GK189R99 GKA189R99	4P	28	711	50.97	18	2.00	32	628	44.98	18	2.30	36	557	39.88	19	2.60	41			489	35.05	19					3.00	46	429					30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P			0.47	55366	3062	160	0.90	GK169R99 GKA169R99	4P	49	407	29.15	19			3.60	56	356	25.51	19			4.10	24			847	60.66	9.0	0.90	25			799	57.28			10	0.95	29	681	48.77			11	1.15	GK69 GKF69 GKA69 GKAF69			4P	0.51	50954	2818	170			0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	32	619	44.32			11	1.25	37	536	38.39			11	1.40	40	497	35.61	12			1.55	47			422	30.21	12					1.80	52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009			2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P			60	335	23.99	12	2.20	63			316	22.66	12	2.30					74	269	19.29	12	2.60			82	245	17.53	12	2.80	94			212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69			4P	0.70			37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79			4P	108	185	13.22	12	3.40	115			174	12.48	12	2.80	135			148	10.63			12	3.20	148	135	9.66					12	3.30	171			117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102			7.28	12	3.90	32	620							44.43	4.8	0.90					37	537	38.49	7.5	1.05	40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70			GK109R79 GKF109R79 GKA109R79 GKAF109R79			4P	52	382	27.34					7.8	1.45	59	336	24.05	7.6	1.65	63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0			25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30	127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25	73
13	1579	113.10	14	0.90	GK79 GKF79 GKA79 GKAF79	4P	109	183	13.08	2.3	0.85	GK39 GKF39 GKA39 GKAF39	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
15	1349	96.66	15	1.05			16	1237	88.61	16	1.15					18	1085	77.76			17	1.35					19		1029	73.69		17			1.40	22	900	64.49	17	1.60	25	811	58.10	18	1.80	GK79 GKF79 GKA79 GKAF79	4P	224	89	6.37	2.3	1.55	GK189R99 GKA189R99	4P	28	711	50.97	18	2.00	32	628	44.98	18	2.30				36	557				39.88	19	2.60	41	489			35.05			19			3.00	46	429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P	0.47	55366	3062	160	0.90	GK169R99 GKA169R99	4P	49	407	29.15	19	3.60	56			356	25.51	19	4.10	24					847	60.66	9.0					0.90	25	799	57.28	10			0.95	29	681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			32	619	44.32	11	1.25			37	536			38.39	11	1.40	40	497			35.61	12		1.55	47		422	30.21	12	1.80	52	381	27.27			12	2.00	GK69 GKF69 GKA69 GKAF69			4P	0.63	41009	2268	171			1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335	23.99			12	2.20	63	316	22.66	12	2.30			74	269	19.29	12	2.60	82	245	17.53			12	2.80			94	212	15.19					12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108		185	13.22		12	3.40	115	174	12.48			12	2.80	135	148	10.63	12			3.20	148	135	9.66					12	3.30	171	117	8.37	12	3.50		GK59 GKF59 GKA59 GKAF59	4P		0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P	196	102	7.28	12			3.90	32			620	44.43	4.8	0.90	37	537	38.49			7.5	1.05	40	498	35.70	7.8	1.15	47	423			30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P			0.9	29021			1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P				52	382		27.34	7.8	1.45		59	336		24.05	7.6	1.65	63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00	81	245			17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P							1.0	25224	1395					171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30	127	157	11.26			6.5			2.50	55	362	25.91					5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35	55	362	25.91	5.0			1.05	66	304	21.81	5.0			1.25	73	273	19.58	5.0	1.35															
16	1237	88.61	16	1.15			18	1085	77.76	17	1.35					19	1029	73.69			17	1.40		22	900		64.49		17	1.60		25	811	58.10	18	1.80	GK79 GKF79 GKA79 GKAF79	4P	224	89	6.37	2.3	1.55	GK189R99 GKA189R99	4P			28	711	50.97	18	2.00			32	628	44.98	18	2.30	36	557	39.88	19	2.60			41	489	35.05	19			3.00	46	429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P			0.47			55366	3062	160	0.90	GK169R99 GKA169R99	4P			49	407	29.15	19	3.60			56	356	25.51	19	4.10	24	847	60.66	9.0	0.90	25	799	57.28			10	0.95	29	681	48.77					11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51			50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			32	619	44.32	11	1.25			37	536	38.39	11	1.40	40	497	35.61	12	1.55	47			422	30.21	12	1.80	52			381	27.27		12	2.00		GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05			GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P		60	335		23.99	12	2.20	63	316	22.66	12			2.30	74	269			19.29	12	2.60	82	245	17.53	12			2.80	94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P			0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			108	185	13.22	12			3.40	115	174	12.48	12			2.80		135	148		10.63	12	3.20	148	135			9.66	12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927		1821	171		1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12					3.90	32	620	44.43	4.8					0.90	37	537	38.49			7.5	1.05	40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52			382	27.34	7.8					1.45	59			336	24.05	7.6			1.65	63		317	22.71		7.6	1.75	74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94			212	15.22	7.1						2.40	108		185	13.25	6.9		2.60	120		166	11.92			6.5	2.30	127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171			2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304					21.81	5.0			1.25	73	273	19.58	5.0			1.35	55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25	73	273	19.58			5.0	1.35																										
18	1085	77.76	17	1.35			19	1029	73.69	17	1.40					22	900	64.49	17	1.60	25	811		58.10	18		1.80	GK79 GKF79 GKA79 GKAF79	4P	224	89	6.37	2.3	1.55	GK189R99 GKA189R99	4P			28	711	50.97	18	2.00					32	628	44.98	18	2.30			36	557	39.88	19	2.60	41	489	35.05	19	3.00		46	429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69		4P	0.47	55366	3062	160	0.90			GK169R99 GKA169R99	4P	49			407	29.15	19	3.60					56	356	25.51	19	4.10			24	847	60.66	9.0	0.90	25	799	57.28	10	0.95	29	681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818			170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			32			619	44.32	11	1.25					37	536	38.39	11	1.40			40	497	35.61	12	1.55	47	422	30.21	12	1.80	52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05		GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P				60	335	23.99	12	2.20						63	316		22.66	12	2.30	74	269	19.29	12			2.60	82	245	17.53	12	2.80	94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P					108	185	13.22	12	3.40					115	174	12.48	12			2.80	135	148	10.63	12			3.20	148	135	9.66	12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			196	102		7.28	12		3.90			32	620	44.43	4.8					0.90	37	537	38.49	7.5		1.05	40		498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45			59			336	24.05	7.6					1.65	63	317	22.71	7.6	1.75	74			270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40			108			185	13.25	6.9			2.60	120		166	11.92		6.5	2.30	127	157	11.26	6.5	2.50	55	362			25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0			1.25	73	273			19.58	5.0		1.35	55		362	25.91			5.0	1.05	66	304	21.81			5.0	1.25	73	273	19.58	5.0	1.35																																					
19	1029	73.69	17	1.40			22	900	64.49	17	1.60			25	811	58.10	18	1.80	GK79 GKF79 GKA79 GKAF79	4P	224	89	6.37	2.3	1.55	GK189R99 GKA189R99	4P			28	711	50.97	18	2.00					32	628	44.98	18	2.30					36	557	39.88	19	2.60			41	489	35.05	19	3.00	46	429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P	0.47	55366	3062	160		0.90		GK169R99 GKA169R99	4P	49	407	29.15					19	3.60	56	356	25.51	19	4.10					24	847	60.66	9.0	0.90			25	799	57.28	10	0.95	29	681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818			170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	32	619	44.32					11	1.25	37	536	38.39	11	1.40					40	497	35.61	12	1.55			47	422	30.21	12	1.80	52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268			171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335			23.99			12	2.20	63	316	22.66	12	2.30				74	269		19.29	12	2.60	82	245	17.53	12			2.80	94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054			171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108					185	13.22	12	3.40	115	174	12.48			12	2.80	135	148	10.63	12			3.20	148	135	9.66	12			3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821			171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196					102	7.28	12	3.90	32	620	44.43			4.8	0.90	37	537	38.49			7.5	1.05	40	498	35.70	7.8		1.15	47		423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605			171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52					382	27.34	7.8	1.45	59			336	24.05	7.6	1.65	63	317			22.71	7.6	1.75	74	270	19.34	7.4	2.00	81			245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395			171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94					212	15.22	7.1	2.40	108			185	13.25	6.9	2.60	120	166			11.92	6.5	2.30	127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P			1.2	21626	1196			171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66					304	21.81	5.0	1.25	73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05	66	304	21.81			5.0	1.25	73	273	19.58			5.0	1.35																																										
22	900	64.49	17	1.60	25	811	58.10	18	1.80	GK79 GKF79 GKA79 GKAF79	4P	224	89	6.37	2.3	1.55	GK189R99 GKA189R99	4P			28	711	50.97	18	2.00					32	628	44.98	18	2.30					36	557	39.88	19	2.60					41	489	35.05	19	3.00			46	429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P	0.47	55366	3062			160	0.90	GK169R99 GKA169R99	4P		49				407	29.15	19					3.60	56	356	25.51	19	4.10	24					847	60.66	9.0	0.90	25			799	57.28	10	0.95	29	681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69			4P	0.51	50954			2818	170			0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P					32	619	44.32	11	1.25	37	536					38.39	11	1.40	40	497			35.61	12	1.55	47	422	30.21	12	1.80	52	381			27.27	12	2.00			GK69 GKF69 GKA69 GKAF69	4P			0.63	41009			2268			171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335	23.99				12	2.20		63	316	22.66	12	2.30	74	269			19.29	12	2.60	82	245	17.53			12	2.80	94			212	15.19			12					3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171			1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22			12	3.40	115	174	12.48			12	2.80	135	148	10.63	12			3.20	148	135			9.66	12			3.30					171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P			0.79	32927	1821	171	1.50			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12		3.90	32		620	44.43	4.8	0.90			37	537	38.49			7.5	1.05			40					498	35.70	7.8	1.15	47			423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P			0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382			27.34	7.8	1.45	59			336	24.05	7.6			1.65	63			317					22.71	7.6	1.75	74	270			19.34	7.4	2.00	81	245	17.57			7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212					15.22	7.1	2.40			108	185			13.25					6.9	2.60	120	166	11.92	6.5	2.30	127	157			11.26	6.5	2.50	55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196			171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35															
25	811	58.10	18	1.80	GK79 GKF79 GKA79 GKAF79	4P	224	89	6.37			2.3	1.55	GK189R99 GKA189R99	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
28	711	50.97	18	2.00			32	628	44.98			18	2.30			36					557	39.88	19	2.60	41					489	35.05	19	3.00	46			429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P	0.47	55366	3062	160	0.90	GK169R99 GKA169R99	4P	49	407	29.15	19	3.60	56	356	25.51	19	4.10			24	847	60.66			9.0	0.90				25				799	57.28	10	0.95	29			681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	32	619	44.32	11	1.25	37	536	38.39	11	1.40	40	497	35.61	12					1.55	47			422	30.21			12					1.80	52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335	23.99	12	2.20	63	316	22.66	12	2.30	74	269	19.29	12	2.60			82	245	17.53							12	2.80			94	212	15.19	12	3.10			GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22	12	3.40	115	174	12.48	12	2.80	135	148	10.63	12	3.20			148	135	9.66			12	3.30			171			117	8.37	12			3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171			1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90	32	620	44.43	4.8	0.90	37	537	38.49	7.5	1.05			40	498	35.70			7.8	1.15			47			423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9			29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34			7.8	1.45	59	336	24.05	7.6	1.65	63	317	22.71	7.6	1.75			74	270	19.34			7.4	2.00			81			245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40	108	185			13.25	6.9	2.60	120	166	11.92	6.5	2.30			127	157	11.26			6.5	2.50			55			362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73			273	19.58	5.0	1.35	55			362	25.91			5.0	1.05	66	304	21.81			5.0	1.25			73			273	19.58	5.0	1.35																																																																						
32	628	44.98	18	2.30			36	557	39.88			19	2.60			41					489	35.05	19	3.00	46			429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P	0.47	55366	3062	160	0.90	GK169R99 GKA169R99	4P			49	407	29.15	19	3.60			56	356	25.51	19	4.10	24	847	60.66	9.0	0.90			25	799	57.28			10	0.95			29	681	48.77			11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			32	619	44.32	11	1.25			37	536	38.39	11	1.40	40	497	35.61	12	1.55	47	422	30.21	12					1.80	52	381	27.27	12	2.00			GK69 GKF69 GKA69 GKAF69			4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P			60	335	23.99	12	2.20			63	316	22.66	12	2.30	74	269	19.29	12	2.60	82	245	17.53	12	2.80			94	212	15.19	12	3.10					GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P					108	185	13.22	12	3.40			115	174	12.48	12	2.80	135	148	10.63	12	3.20	148	135	9.66	12	3.30			171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P			0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79			4P			196	102	7.28	12			3.90			32	620	44.43	4.8	0.90	37	537	38.49	7.5	1.05	40	498	35.70	7.8	1.15			47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P			0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52			382	27.34	7.8	1.45			59	336	24.05			7.6	1.65	63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00			81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P			1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60	120	166			11.92	6.5	2.30	127	157	11.26	6.5	2.50			55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P			1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35	55			362	25.91	5.0	1.05	66			304	21.81			5.0	1.25	73	273	19.58	5.0	1.35																																																																																	
36	557	39.88	19	2.60			41	489	35.05			19	3.00			46			429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P	0.47	55366	3062	160	0.90	GK169R99 GKA169R99	4P			49	407	29.15	19	3.60					56	356	25.51	19	4.10			24	847	60.66	9.0	0.90	25	799	57.28	10	0.95			29	681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69	4P			0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			32	619	44.32	11	1.25					37	536	38.39	11	1.40			40	497	35.61	12	1.55	47	422	30.21	12	1.80	52	381	27.27	12		2.00	GK69 GKF69 GKA69 GKAF69		4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P					60	335	23.99	12	2.20					63	316	22.66	12	2.30			74	269	19.29	12	2.60	82	245	17.53	12	2.80	94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			108	185	13.22	12	3.40							115	174	12.48	12	2.80			135	148	10.63	12	3.20	148	135	9.66	12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90							32	620	44.43	4.8			0.90			37	537	38.49	7.5	1.05	40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34	7.8	1.45					59			336	24.05	7.6	1.65			63	317	22.71			7.6	1.75	74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60					120	166	11.92	6.5	2.30	127	157			11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05	66			304	21.81	5.0	1.25	73			273	19.58	5.0	1.35																																																																																								
41	489	35.05	19	3.00			46	429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P			0.47	55366	3062	160	0.90	GK169R99 GKA169R99	4P			49	407	29.15	19	3.60					56	356	25.51	19	4.10					24	847	60.66	9.0	0.90			25	799	57.28	10	0.95	29	681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	32	619	44.32	11	1.25					37	536	38.39	11	1.40					40	497	35.61	12	1.55			47	422	30.21	12	1.80	52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171		1.05		GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335	23.99				12	2.20		63	316	22.66	12	2.30					74	269	19.29	12	2.60			82	245	17.53	12	2.80	94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054			171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22					12	3.40	115	174	12.48			12	2.80			135	148	10.63	12	3.20			148	135	9.66	12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821			171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196					102	7.28	12	3.90	32		620	44.43				4.8	0.90	37	537	38.49	7.5	1.05			40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605			171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52					382	27.34	7.8	1.45	59					336	24.05	7.6	1.65	63	317	22.71			7.6	1.75	74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395			171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94					212	15.22	7.1	2.40	108					185	13.25	6.9	2.60	120			166	11.92	6.5	2.30	127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196			171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66					304	21.81	5.0	1.25	73					273	19.58	5.0	1.35	55			362	25.91	5.0	1.05	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																																																																																													
46	429	30.76	19	3.40	GK69 GKF69 GKA69 GKAF69	4P	0.47	55366	3062	160	0.90			GK169R99 GKA169R99	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
49	407	29.15	19	3.60			56	356	25.51	19	4.10					24	847	60.66	9.0	0.90					25	799	57.28	10	0.95					29	681	48.77	11	1.15			GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	32	619	44.32	11	1.25	37	536	38.39	11	1.40			40	497	35.61	12	1.55					47	422	30.21	12	1.80					52	381	27.27	12	2.00			GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335	23.99	12	2.20	63	316	22.66	12	2.30			74	269	19.29	12		2.60				82	245	17.53				12	2.80		94	212	15.19	12	3.10			GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22	12	3.40	115	174	12.48	12	2.80			135	148	10.63			12	3.20			148	135	9.66					12	3.30	171	117	8.37			12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90	32	620	44.43	4.8	0.90			37	537	38.49			7.5	1.05			40					498	35.70	7.8	1.15	47		423	30.28		7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34	7.8	1.45	59	336	24.05	7.6	1.65			63	317	22.71			7.6	1.75			74					270	19.34	7.4	2.00	81			245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60			120	166	11.92			6.5	2.30			127					157	11.26	6.5	2.50	55			362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35			55	362	25.91			5.0	1.05			66					304	21.81	5.0	1.25	73			273	19.58	5.0	1.35																																																																																																																
56	356	25.51	19	4.10			24	847	60.66	9.0	0.90					25	799	57.28	10	0.95					29	681	48.77	11	1.15			GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			32	619	44.32	11	1.25			37	536	38.39	11	1.40	40	497	35.61	12	1.55			47	422	30.21	12	1.80					52	381	27.27	12	2.00			GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P			60	335	23.99	12	2.20			63	316	22.66	12	2.30	74	269	19.29	12	2.60			82	245	17.53	12		2.80				94	212	15.19			12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			108	185	13.22	12	3.40			115	174	12.48	12	2.80	135	148	10.63	12	3.20			148	135	9.66			12	3.30			171	117	8.37			12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			196	102	7.28	12	3.90			32	620	44.43	4.8	0.90	37	537	38.49	7.5	1.05			40	498	35.70			7.8	1.15			47	423	30.28			7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45			59	336	24.05	7.6	1.65	63	317	22.71	7.6	1.75			74	270	19.34			7.4	2.00			81	245	17.57			7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40			108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30			127	157	11.26			6.5	2.50			55	362	25.91			5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05			66	304	21.81			5.0	1.25			73	273	19.58			5.0	1.35																																																																																																																									
24	847	60.66	9.0	0.90			25	799	57.28	10	0.95					29	681	48.77	11	1.15			GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			32	619	44.32	11	1.25					37	536	38.39	11	1.40			40	497	35.61	12	1.55	47	422	30.21	12	1.80			52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P			0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P			60	335	23.99	12	2.20					63	316	22.66	12	2.30			74	269	19.29	12	2.60	82	245	17.53	12	2.80			94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P			0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			108	185	13.22	12	3.40					115	174	12.48	12	2.80			135	148	10.63	12	3.20	148	135	9.66	12	3.30			171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P			0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			196	102	7.28	12	3.90					32	620	44.43	4.8	0.90			37	537	38.49	7.5	1.05	40	498	35.70	7.8	1.15			47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P			0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45					59	336	24.05	7.6	1.65			63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00			81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P			1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30	127	157	11.26	6.5	2.50			55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P			1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35																																																																																																																																				
25	799	57.28	10	0.95			29	681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69	4P			0.51	50954	2818	170	0.95	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P			32	619	44.32	11	1.25					37	536	38.39	11	1.40					40	497	35.61	12	1.55			47	422	30.21	12	1.80	52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05			GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335	23.99	12	2.20					63	316	22.66	12	2.30					74	269	19.29	12	2.60			82	245	17.53	12	2.80	94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22	12	3.40					115	174	12.48	12	2.80					135	148	10.63	12	3.20			148	135	9.66	12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90					32	620	44.43	4.8	0.90					37	537	38.49	7.5	1.05			40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34	7.8	1.45					59	336	24.05	7.6	1.65					63	317	22.71	7.6	1.75			74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60					120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35					55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																																																																																																																																											
29	681	48.77	11	1.15	GK69 GKF69 GKA69 GKAF69	4P	0.51	50954	2818	170	0.95			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
32	619	44.32	11	1.25			37	536	38.39	11	1.40					40	497	35.61	12	1.55					47	422	30.21	12	1.80					52	381	27.27	12	2.00			GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	60	335	23.99	12	2.20	63	316	22.66	12	2.30			74	269	19.29	12	2.60					82	245	17.53	12	2.80					94	212	15.19	12	3.10			GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22	12	3.40	115	174	12.48	12	2.80			135	148	10.63	12	3.20					148	135	9.66	12	3.30					171	117	8.37	12	3.50			GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90	32	620	44.43	4.8	0.90			37	537	38.49	7.5	1.05					40	498	35.70	7.8	1.15					47	423	30.28	7.8	1.35			GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34	7.8	1.45	59	336	24.05	7.6	1.65			63	317	22.71	7.6	1.75					74	270	19.34	7.4	2.00					81	245	17.57	7.2	2.10			GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30					127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05					66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																
37	536	38.39	11	1.40			40	497	35.61	12	1.55					47	422	30.21	12	1.80					52	381	27.27	12	2.00			GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P			60	335	23.99	12	2.20			63	316	22.66	12	2.30	74	269	19.29	12	2.60			82	245	17.53	12	2.80					94	212	15.19	12	3.10			GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			108	185	13.22	12	3.40			115	174	12.48	12	2.80	135	148	10.63	12	3.20			148	135	9.66	12	3.30					171	117	8.37	12	3.50			GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			196	102	7.28	12	3.90			32	620	44.43	4.8	0.90	37	537	38.49	7.5	1.05			40	498	35.70	7.8	1.15					47	423	30.28	7.8	1.35			GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45			59	336	24.05	7.6	1.65	63	317	22.71	7.6	1.75			74	270	19.34	7.4	2.00					81	245	17.57	7.2	2.10			GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40			108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																									
40	497	35.61	12	1.55			47	422	30.21	12	1.80					52	381	27.27	12	2.00			GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P			60	335	23.99	12	2.20					63	316	22.66	12	2.30			74	269	19.29	12	2.60	82	245	17.53	12	2.80			94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P			0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			108	185	13.22	12	3.40					115	174	12.48	12	2.80			135	148	10.63	12	3.20	148	135	9.66	12	3.30			171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P			0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			196	102	7.28	12	3.90					32	620	44.43	4.8	0.90			37	537	38.49	7.5	1.05	40	498	35.70	7.8	1.15			47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P			0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45					59	336	24.05	7.6	1.65			63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00			81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P			1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30	127	157	11.26	6.5	2.50			55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P			1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35																																																																																																																																																																																		
47	422	30.21	12	1.80			52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P			0.63	41009	2268	171	1.05	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P			60	335	23.99	12	2.20					63	316	22.66	12	2.30					74	269	19.29	12	2.60			82	245	17.53	12	2.80	94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22	12	3.40					115	174	12.48	12	2.80					135	148	10.63	12	3.20			148	135	9.66	12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90					32	620	44.43	4.8	0.90					37	537	38.49	7.5	1.05			40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34	7.8	1.45					59	336	24.05	7.6	1.65					63	317	22.71	7.6	1.75			74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60					120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35					55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																																																																																																																																																																																									
52	381	27.27	12	2.00	GK69 GKF69 GKA69 GKAF69	4P	0.63	41009	2268	171	1.05			GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
60	335	23.99	12	2.20			63	316	22.66	12	2.30					74	269	19.29	12	2.60					82	245	17.53	12	2.80					94	212	15.19	12	3.10			GK69 GKF69 GKA69 GKAF69	4P	0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	108	185	13.22	12	3.40	115	174	12.48	12	2.80			135	148	10.63	12	3.20					148	135	9.66	12	3.30					171	117	8.37	12	3.50			GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90	32	620	44.43	4.8	0.90			37	537	38.49	7.5	1.05					40	498	35.70	7.8	1.15					47	423	30.28	7.8	1.35			GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34	7.8	1.45	59	336	24.05	7.6	1.65			63	317	22.71	7.6	1.75					74	270	19.34	7.4	2.00					81	245	17.57	7.2	2.10			GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30					127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05					66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																														
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82	245	17.53	12	2.80			94	212	15.19	12	3.10	GK69 GKF69 GKA69 GKAF69	4P			0.70	37140	2054	171	1.20	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			108	185	13.22	12	3.40					115	174	12.48	12	2.80					135	148	10.63	12	3.20			148	135	9.66	12	3.30	171	117	8.37	12	3.50	GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90					32	620	44.43	4.8	0.90					37	537	38.49	7.5	1.05			40	498	35.70	7.8	1.15	47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34	7.8	1.45					59	336	24.05	7.6	1.65					63	317	22.71	7.6	1.75			74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60					120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35					55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																																																																																																																																																																																																																																							
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108	185	13.22	12	3.40			115	174	12.48	12	2.80					135	148	10.63	12	3.20					148	135	9.66	12	3.30					171	117	8.37	12	3.50			GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	196	102	7.28	12	3.90	32	620	44.43	4.8	0.90			37	537	38.49	7.5	1.05					40	498	35.70	7.8	1.15					47	423	30.28	7.8	1.35			GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	52	382	27.34	7.8	1.45	59	336	24.05	7.6	1.65			63	317	22.71	7.6	1.75					74	270	19.34	7.4	2.00					81	245	17.57	7.2	2.10			GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30					127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05					66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																												
115	174	12.48	12	2.80			135	148	10.63	12	3.20					148	135	9.66	12	3.30					171	117	8.37	12	3.50			GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			196	102	7.28	12	3.90			32	620	44.43	4.8	0.90	37	537	38.49	7.5	1.05			40	498	35.70	7.8	1.15					47	423	30.28	7.8	1.35			GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45			59	336	24.05	7.6	1.65	63	317	22.71	7.6	1.75			74	270	19.34	7.4	2.00					81	245	17.57	7.2	2.10			GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40			108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																					
135	148	10.63	12	3.20			148	135	9.66	12	3.30					171	117	8.37	12	3.50			GK59 GKF59 GKA59 GKAF59	4P	0.79	32927	1821	171	1.50	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			196	102	7.28	12	3.90					32	620	44.43	4.8	0.90			37	537	38.49	7.5	1.05	40	498	35.70	7.8	1.15			47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P			0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45					59	336	24.05	7.6	1.65			63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00			81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P			1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30	127	157	11.26	6.5	2.50			55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P			1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																														
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32	620	44.43	4.8	0.90			37	537	38.49	7.5	1.05					40	498	35.70	7.8	1.15					47	423	30.28	7.8	1.35			GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45			59	336	24.05	7.6	1.65	63	317	22.71	7.6	1.75			74	270	19.34	7.4	2.00					81	245	17.57	7.2	2.10			GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40			108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																			
37	537	38.49	7.5	1.05			40	498	35.70	7.8	1.15					47	423	30.28	7.8	1.35			GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45					59	336	24.05	7.6	1.65			63	317	22.71	7.6	1.75	74	270	19.34	7.4	2.00			81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P			1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30	127	157	11.26	6.5	2.50			55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P			1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																												
40	498	35.70	7.8	1.15			47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P			0.9	29021	1605	171	1.70	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			52	382	27.34	7.8	1.45					59	336	24.05	7.6	1.65					63	317	22.71	7.6	1.75			74	270	19.34	7.4	2.00	81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60					120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35					55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																			
47	423	30.28	7.8	1.35	GK59 GKF59 GKA59 GKAF59	4P	0.9	29021	1605	171	1.70			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
52	382	27.34	7.8	1.45			59	336	24.05	7.6	1.65					63	317	22.71	7.6	1.75					74	270	19.34	7.4	2.00					81	245	17.57	7.2	2.10			GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	94	212	15.22	7.1	2.40	108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30					127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05					66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																								
59	336	24.05	7.6	1.65			63	317	22.71	7.6	1.75					74	270	19.34	7.4	2.00					81	245	17.57	7.2	2.10			GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40			108	185	13.25	6.9	2.60	120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																	
63	317	22.71	7.6	1.75			74	270	19.34	7.4	2.00					81	245	17.57	7.2	2.10			GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30	127	157	11.26	6.5	2.50			55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P			1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																										
74	270	19.34	7.4	2.00			81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P			1.0	25224	1395	171	1.95	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			94	212	15.22	7.1	2.40					108	185	13.25	6.9	2.60					120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50	55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35					55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																	
81	245	17.57	7.2	2.10	GK59 GKF59 GKA59 GKAF59	4P	1.0	25224	1395	171	1.95			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
94	212	15.22	7.1	2.40			108	185	13.25	6.9	2.60					120	166	11.92	6.5	2.30					127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P	66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05					66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																																						
108	185	13.25	6.9	2.60			120	166	11.92	6.5	2.30					127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35	55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																																															
120	166	11.92	6.5	2.30			127	157	11.26	6.5	2.50					55	362	25.91	5.0	1.05			GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05	66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																																																								
127	157	11.26	6.5	2.50			55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P			1.2	21626	1196	171	2.30	GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35					55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25	73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																																																															
55	362	25.91	5.0	1.05	GK49 GKF49 GKA49 GKAF49	4P	1.2	21626	1196	171	2.30			GK129R79 GKF129R79 GKA129R79 GKAF129R79	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35					55	362	25.91	5.0	1.05					66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																																																																																				
73	273	19.58	5.0	1.35			55	362	25.91	5.0	1.05					66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																																																																																													
55	362	25.91	5.0	1.05			66	304	21.81	5.0	1.25					73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
66	304	21.81	5.0	1.25			73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
73	273	19.58	5.0	1.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	
3kW							3kW							
8.2	3146	174	62	2.55	GK109R79	4P	32	844	44.32	9.0	0.90	GK69 GKF69 GKA69 GKAF69	4P	
9.3	2785	154	62	2.85	GKF109R79		37	731	38.39	10	1.00			
10	2531	140	62	3.15	GKA109R79		40	678	35.61	11	1.15			
					GKAF109R79		47	575	30.21	11	1.35			
5.5	4665	258	38	0.90	GK99R59	4P	52	519	27.27	11	1.45	GK59 GKF59 GKA59 GKAF59	4P	
6.2	4195	232	38	1.00	GKF99R59		60	457	23.99	12	1.65			
7.2	3598	199	38	1.20	GKA99R59		63	431	22.66	12	1.70			
					GKAF99R59		74	367	19.29	12	1.95			
4.9	5500	143.47	62	1.40	GK109	8P	82	334	17.53	12	2.10	GK69 GKF69 GKA69 GKAF69	4P	
5.8	4656	121.46	62	1.65	GKF109		94	289	15.19	12	2.20			
6.3	4309	112.41	62	1.80	GKA109		108	252	13.22	12	2.50			
7.0	3862	100.75	62	2.00	GKAF109		115	238	12.48	12	2.10			
6.7	4068	143.47	62	1.85	GK109	6P	135	202	10.63	12	2.30	GK59 GKF59 GKA59 GKAF59	4P	
7.9	3444	121.46	62	2.20	GKF109		148	184	9.66	12	2.40			
8.5	3187	112.41	62	2.30	GKA109		47	576	30.28	6.8	0.95			
9.5	2856	100.75	62	2.60	GKAF109		52	520	27.34	6.8	1.05			
10	2731	143.47	62	2.70	GK109	4P	59	458	24.05	6.8	1.20	GK59 GKF59 GKA59 GKAF59	4P	
12	2312	121.46	62	3.20	GKF109		63	432	22.71	6.8	1.30			
					GKA109		74	368	19.34	6.7	1.45			
					GKAF109		81	334	17.57	6.7	1.55			
7.7	3514	123.93	38	1.15	GK99	6P	94	290	15.22	6.5	1.70	GK59 GKF59 GKA59 GKAF59	4P	
9.1	2981	105.13	38	1.35	GKF99		108	252	13.25	6.4	1.90			
9.9	2744	96.80	38	1.45	GKA99		120	227	11.92	6.1	1.70			
11	2453	86.52	38	1.65	GKAF99		127	214	11.26	6.1	1.80			
8.1	3351	176.05	38	1.20	GK99	4P	149	183	9.59	5.9	2.10	GK49 GKF49 GKA49 GKAF49	4P	
9.3	2916	153.21	38	1.35	GKF99		164	166	8.71	5.8	2.20			
10	2670	140.28	38	1.50	GKA99		189	144	7.55	5.6	2.40			
12	2359	123.93	38	1.70	GKAF99		218	125	6.57	5.5	2.60			
14	2001	105.13	38	2.00	GK99 GKF99 GKA99 GKAF99	4P	73	373	19.58	4.2	1.00	GK49 GKF49 GKA49 GKAF49	4P	
15	1842	96.80	38	2.20				85	321	16.86	4.3			1.10
17	1647	86.52	38	2.40				90	302	15.86	4.3			1.15
18	1482	77.89	38	2.70				105	260	13.65	4.3			1.30
20	1343	70.54	38	3.00				117	232	12.19	4.3			1.40
23	1191	62.55	38	3.40				121	224	11.77	4.2			1.15
25	1076	56.55	38	3.70		135	201	10.56	4.1	1.30				
9.7	2804	147.33	26	0.90	GK89	4P	157	173	9.10	4.1	1.50	GK49 GKF49 GKA49 GKAF49	4P	
11	2416	126.91	26	1.05	GKF89		167	163	8.56	4.1	1.55			
12	2204	115.82	26	1.15	GKA89		194	140	7.36	4.0	1.65			
14	1955	102.71	27	1.30	GKAF89		217	125	6.58	3.9	1.80			
17	1643	86.34	27	1.55	GK89 GKF89 GKA89 GKAF89	4P	254	107	5.62	3.8	1.95	GK39 GKF39 GKA39 GKAF39	4P	
18	1510	79.34	27	1.65				160	170	8.91	1.9			0.90
20	1341	70.46	27	1.85				180	152	7.96	1.9			0.95
23	1199	63.00	27	2.10				210	129	6.80	2.0			1.10
25	1078	56.64	27	2.30				224	121	6.37	2.0			1.10
29	936	49.16	27	2.70				267	102	5.36	2.0			1.30
32	838	44.02	27	2.90										
39	695	36.52	27	3.30										
16	1687	88.61	12	0.85	GK79 GKF79 GKA79 GKAF79	4P	4kW							
18	1480	77.76	14	0.95				1.7	19991	835	171	2.50	GK189R109 GKA189R109	4P
19	1403	73.69	15	1.00				2.8	12449	520	171	4.00		
22	1227	64.49	16	1.15				0.57	60308	2519	152	0.80	GK189R99 GKA189R99	4P
25	1106	58.10	17	1.30				0.63	54299	2268	162	0.90		
28	970	50.97	17	1.50				0.70	49175	2054	170	1.00		
32	856	44.98	18	1.70				0.79	43597	1821	171	1.10		
36	759	39.88	18	1.90				0.9	38426	1605	171	1.25		
41	667	35.05	18	2.20		1.0	33398	1395	171	1.45				
46	585	30.76	18	2.50		1.2	28634	1196	171	1.70				

**选型参数表
(恒功率)**

**Selection Table
(Constant Power)**

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
4kW							4kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1.4	25043	1046	171	1.95	GK189R99	4P	10	3616	143.47	62	2.10	GK109 GKF109 GKA109 GKAF109	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1.5	22625	945	171	2.20	GKA189R99		1.0	33709	1408	135	0.90			GK169R99 GKA169R99	12	3061	121.46	62	2.50	1.1	31028	1296	135	1.00	1.3	26359	1101	135	1.20	1.5	22601	944	135	1.40	1.7	20206	844	135	1.55	1.9	18124	757	135	1.75	2.3	15131	632	135	2.10	1.7	20422	853	105	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	16	2292	90.96	62	3.30	1.9	18100	756	106	1.00	2.5	13575	567	108	1.30	2.9	12066	504	109	1.45	3.3	10391	434	109	1.70	2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62	3.60	3.0	11396	476	76	1.15	3.4	10055	420	77	1.30	3.9	8810	368	77	1.45	4.4	7925	331	77	1.65	5.0	6871	287	78	1.90	5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10	2.6	13144	549	75	1.00	3.0	11420	477	76	1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05	4.5	7613	318	62	1.05	5.0	6847	286	62	1.15	5.7	6009	251	62	1.35	6.5	5315	222	62	1.50	7.3	4692	196	62	1.70	8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30	5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65	7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00	25	1464	58.10	14	1.00	28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10									
1.0	33709	1408	135	0.90	GK169R99 GKA169R99	12	3061	121.46	62	2.50	1.1				31028	1296	135	1.00	1.3	26359	1101	135	1.20	1.5	22601	944	135	1.40	1.7	20206	844	135	1.55	1.9	18124	757	135	1.75	2.3	15131	632	135	2.10	1.7	20422	853	105	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	16	2292	90.96	62	3.30		1.9	18100	756	106	1.00	2.5	13575	567	108	1.30	2.9	12066	504	109	1.45	3.3	10391	434	109	1.70	2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62		3.60	3.0	11396	476	76	1.15	3.4	10055	420	77	1.30	3.9	8810	368	77	1.45	4.4	7925	331	77	1.65	5.0	6871	287	78	1.90	5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30		62	4.10	2.6	13144	549	75	1.00	3.0	11420	477	76	1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861		153.21	38	1.05	4.5	7613	318	62	1.05	5.0	6847	286	62	1.15	5.7	6009	251	62	1.35	6.5	5315	222	62	1.50	7.3	4692	196	62	1.70	8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12		3123	123.93	38	1.30	5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129		14	2649	105.13	38	1.50	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35		GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65	7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7	5423	143.47	62		1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22	1625	64.49		13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00	25	1464	58.10	14	1.00	28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41	883	35.05	18	1.65	47	775		30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	6.5		5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10			
1.1	31028	1296	135	1.00		1.3	26359	1101	135	1.20	1.5				22601	944	135	1.40	1.7	20206	844	135	1.55	1.9	18124	757	135	1.75	2.3	15131	632	135	2.10	1.7	20422	853	105	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	16	2292	90.96	62	3.30	1.9	18100	756	106		1.00	2.5	13575	567	108		1.30	2.9	12066	504	109	1.45	3.3	10391	434	109	1.70	2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62	3.60	3.0	11396	476		76	1.15	3.4	10055		420	77	1.30	3.9	8810	368	77	1.45	4.4	7925	331	77	1.65	5.0	6871	287	78	1.90	5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10	2.6	13144		549	75	1.00		3.0	11420	477	76	1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05	4.5		7613	318		62	1.05	5.0	6847	286	62	1.15	5.7	6009	251	62	1.35	6.5	5315	222	62	1.50	7.3	4692	196	62	1.70	8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9		6173	122.48	78	2.00	6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38			1.50	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80			38	1.65	7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17		2180		86.52	38	1.85	7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22	1625	64.49	13	0.90		GK89 GKF89 GKA89 GKAF89	18		1963	77.89	38	2.00	25	1464	58.10	14	1.00	28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41	883	35.05	18	1.65	47	775	30.76		18	1.85	GK89 GKF89 GKA89 GKAF89		20	1778	70.54	38	2.30	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	6.5		5553	110.18	78	2.20		GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78		3.00	48	761	30.21	10		1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10	
1.3	26359	1101	135	1.20		1.5	22601	944	135	1.40	1.7				20206	844	135	1.55	1.9	18124	757	135	1.75	2.3	15131	632	135	2.10	1.7	20422	853	105	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	16	2292	90.96	62		3.30	1.9	18100	756	106	1.00	2.5	13575	567		108	1.30	2.9	12066	504		109	1.45	3.3	10391	434	109	1.70	2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61		62	3.60	3.0	11396	476	76	1.15	3.4		10055	420	77	1.30		3.9	8810	368	77	1.45	4.4	7925	331	77	1.65	5.0	6871	287	78	1.90	5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847		73.30	62	4.10	2.6	13144	549	75		1.00	3.0	11420		477	76	1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4		3861	153.21	38	1.05	4.5	7613		318	62		1.05	5.0	6847	286	62	1.15	5.7	6009	251	62	1.35	6.5	5315	222	62	1.50	7.3	4692	196	62	1.70	8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129		12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129		14	2649	105.13	38			1.50	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35		GK109 GKF109 GKA109 GKAF109	15	2439			96.80	38	1.65	7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7	5423	143.47	62		1.40		GK109 GKF109 GKA109 GKAF109		17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22	1625	64.49			13		0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00	25	1464	58.10	14	1.00	28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41	883	35.05	18	1.65		47	775			30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579		22.98	19	2.50	6.5			5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78		2.70	8.7	4249	110.18	78		3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95
1.5	22601	944	135	1.40		1.7	20206	844	135	1.55	1.9				18124	757	135	1.75	2.3	15131	632	135	2.10	1.7	20422	853	105	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	16	2292	90.96	62		3.30	1.9	18100	756		106	1.00	2.5	13575	567	108	1.30	2.9	12066		504	109	1.45	3.3	10391		434	109	1.70	2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61		62	3.60	3.0		11396	476	76	1.15	3.4	10055	420	77		1.30	3.9	8810	368		77	1.45	4.4	7925	331	77	1.65	5.0	6871	287	78	1.90	5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847		73.30	62		4.10	2.6	13144	549	75	1.00	3.0		11420	477	76	1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861		153.21		38	1.05	4.5	7613	318	62		1.05	5.0		6847	286	62	1.15	5.7	6009	251	62	1.35	6.5	5315	222	62	1.50	7.3	4692	196	62	1.70	8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12			3123	123.93	38	1.30	5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14			2649	105.13	38	1.50		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15			2439	96.80	38		1.65	7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109		17				2180	86.52	38	1.85	7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22	1625	64.49	13			0.90		GK89 GKF89 GKA89 GKAF89		18	1963	77.89	38	2.00	25	1464	58.10	14	1.00	28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41	883	35.05	18	1.65	47	775	30.76			18	1.85	GK89 GKF89 GKA89 GKAF89		20	1778	70.54	38	2.30	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579		22.98	19	2.50	6.5			5553	110.18	78	2.20		GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40	7.8	4165	122.48		78	2.70	8.7	4249	110.18		78		3.00	48	761	30.21	10		1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37
1.7	20206	844	135	1.55		1.9	18124	757	135	1.75	2.3				15131	632	135	2.10	1.7	20422	853	105	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	16	2292	90.96	62		3.30	1.9	18100	756		106	1.00	2.5	13575		567	108	1.30	2.9	12066	504	109	1.45	3.3		10391	434	109	1.70	2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62		3.60	3.0	11396		476	76	1.15		3.4	10055	420	77	1.30	3.9	8810	368		77	1.45	4.4	7925		331	77	1.65	5.0	6871	287	78	1.90	5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30		62	4.10		2.6	13144		549	75	1.00	3.0	11420	477	76	1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21		38	1.05		4.5		7613	318	62	1.05	5.0	6847		286	62		1.15	5.7	6009	251	62	1.35	6.5	5315	222	62	1.50	7.3	4692	196	62	1.70	8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123		123.93		38	1.30	5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649		105.13			38	1.50	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439		96.80			38	1.65	7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180			86.52				38	1.85	7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89			18				1963	77.89	38	2.00	25	1464	58.10	14	1.00	28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41	883	35.05	18	1.65	47	775	30.76	18		1.85	GK89 GKF89 GKA89 GKAF89	20			1778	70.54	38	2.30	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	6.5	5553	110.18			78	2.20	GK79 GKF79 GKA79 GKAF79	12			2919	115.82	25	0.85	6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78		2.70	8.7	4249	110.18	78		3.00		48	761	30.21	10	1.00		GK79 GKF79 GKA79 GKAF79		14	2588	102.71	26	1.00	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37
1.9	18124	757	135	1.75		2.3	15131	632	135	2.10	1.7				20422	853	105	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	16	2292	90.96	62		3.30	1.9	18100	756		106	1.00	2.5	13575		567	108	1.30	2.9		12066	504	109	1.45	3.3	10391	434	109	1.70	2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62		3.60	3.0	11396	476		76	1.15	3.4		10055	420	77		1.30	3.9	8810	368	77	1.45	4.4	7925		331	77	1.65	5.0		6871	287	78	1.90	5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30		62	4.10	2.6		13144	549		75	1.00	3.0	11420	477	76	1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21		38	1.05	4.5		7613	318		62		1.05	5.0	6847	286	62	1.15		5.7	6009		251	62	1.35	6.5	5315	222	62	1.50	7.3	4692	196	62	1.70	8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123		123.93	38		1.30	5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649		105.13	38		1.50		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439		96.80	38		1.65	7.1		5078	100.75	62	1.50	7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180		86.52	38			1.85	7.9			4591	121.46	62	1.65	8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963				77.89				38	2.00	25	1464	58.10	14	1.00	28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778		70.54			38	2.30	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79		12	2919		115.82			25	0.85	6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7		4249	110.18	78	3.00	48		761		30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14				2588	102.71	26	1.00	49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12
2.3	15131	632	135	2.10		1.7	20422	853	105	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99			16	2292	90.96	62	3.30		1.9	18100	756	106		1.00	2.5	13575	567		108	1.30	2.9	12066		504	109	1.45	3.3	10391	434	109	1.70	2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62	3.60		3.0	11396	476	76		1.15	3.4	10055	420		77	1.30	3.9		8810	368	77		1.45	4.4	7925	331	77	1.65	5.0	6871		287	78	1.90	5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549		75	1.00	3.0		11420	477	76	1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318		62	1.05	5.0		6847	286		62		1.15	5.7	6009	251	62	1.35		6.5	5315		222	62	1.50	7.3	4692	196	62	1.70	8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38		1.30	5.9		6173	122.48	78	2.00	6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38		1.50	7.1		4630	136.14		78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38		1.65	7.1		5078	100.75		62	1.50	7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38		1.85	7.9		4591	121.46			62	1.65		8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38		2.00	25		1464		58.10				14	1.00	28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38		2.30	49		735		29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25		0.85	6.6	5146		146.07			78	2.20	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	48		761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79		14		2588	102.71	26		1.00				49	735	29.15	18	1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28
1.7	20422	853	105	0.85	GK159R99 GKF159R99 GKA159R99 GKAF159R99	16	2292	90.96	62	3.30				1.9	18100	756	106	1.00		2.5	13575	567	108		1.30	2.9	12066	504		109	1.45	3.3	10391	434	109	1.70	2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62	3.60		3.0	11396	476	76	1.15		3.4	10055	420	77		1.30	3.9	8810	368		77	1.45	4.4		7925	331	77		1.65	5.0	6871	287	78	1.90	5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75	1.00		3.0	11420	477		76	1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286		62	1.15	5.7		6009	251		62		1.35	6.5	5315	222	62	1.50		7.3	4692		196	62	1.70	8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38		1.30	5.9	6173	122.48		78	2.00	6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38		1.50	7.1	4630	136.14		78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38		1.65	7.1	5078	100.75		62	1.50		7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38		1.85	7.9	4591	121.46		62	1.65		8.5	4249		112.41	62	1.80		9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38		2.00	25	1464	58.10		14	1.00		28		1285	50.97			16	1.15	32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38		2.30	49	735	29.15		18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25		0.85	6.6	5146	146.07		78	2.20	7.1		4630	136.14		78	2.40	7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79		14	2588	102.71	26			1.00		49	735	29.15		18				1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50	71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10		
1.9	18100	756	106	1.00		2.5	13575	567	108	1.30		2.9	12066	504	109	1.45	3.3	10391		434	109	1.70	2.7		12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62	3.60	3.0	11396	476	76	1.15	3.4	10055		420	77	1.30	3.9	8810		368	77	1.45	4.4	7925		331	77	1.65	5.0		6871	287	78	1.90		5.7	6081	254		78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10	2.6	13144	549	75	1.00	3.0	11420		477	76	1.15	3.4	10031		419	76	1.30	4.0	8715		364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05	4.5	7613	318	62	1.05	5.0	6847		286	62	1.15	5.7	6009		251	62	1.35	6.5	5315		222	62	1.50		7.3	4692	196		62	1.70		8.3		4166	174	62	1.90	9.4	3687		154	62		2.15	10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30	5.9	6173	122.48	78	2.00	6.5		5553	110.18	78	2.20		6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50	7.1	4630	136.14	78	2.40	7.8		4165	122.48	78	2.70		8.7	4249	110.18	78		3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65	7.1	5078	100.75	62	1.50	7.9		4585	90.96	62	1.65		8.7	4164	82.61	62		1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65	8.5		4249	112.41	62	1.80		9.5	3809	100.75	62		2.00	11		3438	90.96		62	2.20	198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00	25	1464	58.10	14	1.00	28		1285	50.97	16	1.15		32	1134	44.98	17		1.30	36		1005	39.88	17	1.45			38	963	38.23	17	1.45	41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30	49	735	29.15	18	1.95	56		643	25.51	18	2.20		63	579	22.98	19		2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20	7.1		4630	136.14	78	2.40		7.8	4165	122.48	78		2.70	8.7	4249		110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95	56			643	25.51	18	2.20			63		579	22.98	19		2.50				71	508	20.16	19	2.80	75	486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10													
2.5	13575	567	108	1.30		2.9	12066	504	109	1.45		3.3	10391	434	109	1.70	2.7	12904		539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62	3.60		3.0	11396	476	76	1.15	3.4	10055	420	77	1.30	3.9	8810		368	77	1.45	4.4	7925		331	77	1.65	5.0	6871		287	78	1.90	5.7		6081	254	78	2.15		2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75	1.00	3.0	11420	477	76	1.15	3.4	10031		419	76	1.30	4.0	8715		364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05	5.0	6847	286	62	1.15	5.7	6009		251	62	1.35	6.5	5315		222	62	1.50	7.3	4692		196	62	1.70		8.3	4166	174		62	1.90		9.4		3687	154	62	2.15	10	3352		140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20	6.6		5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7		4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65	8.7		4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80	9.5		3809	100.75	62	2.00		11	3438	90.96	62		2.20	198		183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00	28	1285	50.97	16	1.15	32		1134	44.98	17	1.30		36	1005	39.88	17		1.45	38		963	38.23	17	1.45		41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95	56	643	25.51	18	2.20	63		579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40	7.8		4165	122.48	78	2.70		8.7	4249	110.18	78		3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95	56	643	25.51	18	2.20	63		579	22.98	19	2.50	71			508		20.16	19	2.80		75				486	19.29	12	1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																			
2.9	12066	504	109	1.45		3.3	10391	434	109	1.70		2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62	3.60		3.0	11396	476	76	1.15		3.4	10055	420	77	1.30	3.9	8810	368	77	1.45	4.4	7925		331	77	1.65	5.0	6871		287	78	1.90	5.7	6081		254	78	2.15	2.4		14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75	1.00		3.0	11420	477	76	1.15	3.4	10031	419	76	1.30	4.0	8715		364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15	5.7	6009	251	62	1.35	6.5	5315		222	62	1.50	7.3	4692		196	62	1.70	8.3	4166		174	62	1.90		9.4	3687	154		62	2.15		10		3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4		5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7		5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11		3438	90.96	62	2.20		198	183	7.28	11		2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36		1005	39.88	17	1.45		38	963	38.23	17		1.45	41		883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50	6.5		5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7		4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50	71		508	20.16	19	2.80	75		486	19.29		12	1.45	82		442				17.53	12	1.55	95	383	15.19	12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																									
3.3	10391	434	109	1.70		2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62	3.60		3.0	11396	476	76	1.15		3.4	10055	420	77	1.30		3.9	8810	368	77	1.45	4.4	7925	331	77	1.65	5.0	6871		287	78	1.90	5.7	6081		254	78	2.15	2.4	14604		610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75	1.00		3.0	11420	477	76	1.15		3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35	6.5	5315	222	62	1.50	7.3	4692		196	62	1.70	8.3	4166		174	62	1.90	9.4	3687		154	62	2.15		10	3352	140		62	2.40		7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198		183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38		963	38.23	17	1.45		41	883	35.05	18		1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	48		761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	71	508	20.16	19	2.80	75		486	19.29	12	1.45	82		442	17.53	12	1.55	95	383		15.19				12	1.70	109	333	13.22	12	1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																															
2.7	12904	539	75	1.00	GK129R89 GKF129R89 GKA129R89 GKAF129R89	17	2082	82.61	62	3.60		3.0	11396	476	76	1.15		3.4	10055	420	77	1.30		3.9	8810	368	77	1.45		4.4	7925	331	77	1.65	5.0	6871	287	78	1.90	5.7	6081		254	78	2.15	2.4	14604		610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75	1.00		3.0	11420	477	76	1.15		3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50	7.3	4692	196	62	1.70	8.3	4166		174	62	1.90	9.4	3687		154	62	2.15	10	3352		140	62	2.40		7.2	4764	199		38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20	198	183	7.28	11	2.10	22		1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45	38	963	38.23	17	1.45	41		883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80	75	486	19.29	12	1.45	82		442	17.53	12	1.55	95		383	15.19	12	1.70	109	333		13.22	12			1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																					
3.0	11396	476	76	1.15		3.4	10055	420	77	1.30		3.9	8810	368	77	1.45		4.4	7925	331	77	1.65		5.0	6871	287	78	1.90		5.7	6081	254	78	2.15	2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20		1847	73.30	62	4.10	2.6	13144	549	75	1.00		3.0	11420	477	76	1.15		3.4	10031	419	76	1.30		4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05	4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90	9.4	3687	154	62	2.15	10	3352		140	62	2.40	7.2	4764		199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10		3535	140.28	38		1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30	5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20		6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50	7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65	7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00	25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89		20	1778	70.54	38	2.30	49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55	95	383	15.19	12	1.70	109		333	13.22	12	1.90	115		315	12.48	12	1.60	135	268		10.63	12		1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																
3.4	10055	420	77	1.30		3.9	8810	368	77	1.45		4.4	7925	331	77	1.65		5.0	6871	287	78	1.90		5.7	6081	254	78	2.15		2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62		4.10	2.6	13144	549	75	1.00	3.0	11420	477	76	1.15		3.4	10031	419	76	1.30		4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05	5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15	10	3352	140	62	2.40	7.2	4764		199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10		3535	140.28	38	1.15	5.3		6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20		6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00	28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38		2.30	49	735	29.15	18	1.95	56	643	25.51	18	2.20		63	579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95	56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70	109	333	13.22	12	1.90	115		315	12.48	12	1.60	135		268	10.63	12	1.75	149	243		9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																						
3.9	8810	368	77	1.45		4.4	7925	331	77	1.65		5.0	6871	287	78	1.90		5.7	6081	254	78	2.15		2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75		1.00	3.0	11420	477	76	1.15	3.4	10031	419	76	1.30		4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15	5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40	7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10		3535	140.28	38	1.15	5.3		6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15	32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18		1.95	56	643	25.51	18	2.20	63	579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90	115	315	12.48	12	1.60	135		268	10.63	12	1.75	149		243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																												
4.4	7925	331	77	1.65		5.0	6871	287	78	1.90		5.7	6081	254	78	2.15		2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75	1.00		3.0	11420	477	76		1.15	3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35	6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3		6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30	36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18		2.20	63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60	135	268	10.63	12	1.75	149		243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																		
5.0	6871	287	78	1.90		5.7	6081	254	78	2.15		2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75	1.00		3.0	11420	477	76	1.15		3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50	7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20	198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45	38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80	75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																								
5.7	6081	254	78	2.15		2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75	1.00		3.0	11420	477	76	1.15		3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70	8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45	41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45	82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																														
2.4	14604	610	72	0.90	GK129R79 GKF129R79 GKA129R79 GKAF129R79	20	1847	73.30	62	4.10		2.6	13144	549	75	1.00		3.0	11420	477	76	1.15		3.4	10031	419	76	1.30	4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90	9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55	95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																				
2.6	13144	549	75	1.00		3.0	11420	477	76	1.15		3.4	10031	419	76	1.30		4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05	4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40	7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38		1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30	5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20		6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50	7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65	7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00	25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30	49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90	115	315	12.48	12	1.60		135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																															
3.0	11420	477	76	1.15		3.4	10031	419	76	1.30		4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05	5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38		1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20		6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00	28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95	56	643	25.51	18	2.20		63	579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95	56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60	135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																					
3.4	10031	419	76	1.30		4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15	5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15	32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																											
4.0	8715	364	62	0.90	GK109R79 GKF109R79 GKA109R79 GKAF109R79	9.4	3861	153.21	38	1.05		4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35	6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30	36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																	
4.5	7613	318	62	1.05		5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70	8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38		1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30	5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20		6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50	7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65	7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10	22	1625	64.49	13	0.90		GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00	25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45	41	883	35.05	18	1.65		47	775	30.76	18	1.85		GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30	49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45	82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																												
5.0	6847	286	62	1.15		5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90	9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38		1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00	6.5	5553	110.18	78	2.20		6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00	28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65	47	775	30.76	18	1.85		GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95	56	643	25.51	18	2.20		63	579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95	56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55	95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																		
5.7	6009	251	62	1.35		6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15	10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38		1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15	32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50		6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70	109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																								
6.5	5315	222	62	1.50		7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40	7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38		1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20		198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30	36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90	115	315	12.48	12	1.60		135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																														
7.3	4692	196	62	1.70		8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90	GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38		1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20	198	183	7.28	11	2.10		22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45	38	963	38.23	17	1.45		41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80	75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60	135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																				
8.3	4166	174	62	1.90		9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45	41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45	82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																										
9.4	3687	154	62	2.15		10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55	95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																
10	3352	140	62	2.40		7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70	109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																						
7.2	4764	199	38	0.90		GK99R59 GKF99R59 GKA99R59 GKAF99R59	10	3535	140.28	38	1.15	5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30		5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45		41	883	35.05	18	1.65	47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90	115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																												
5.3	6862	136.14	78	1.80	GK129 GKF129 GKA129 GKAF129	12	3123	123.93	38	1.30	5.9	6173	122.48	78	2.00	6.5		5553	110.18	78	2.20	6.6		5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38	1.50	7.1	4630	136.14	78	2.40	7.8		4165	122.48	78	2.70	8.7		4249	110.18	78	3.00	6.4		5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65	7.1	5078	100.75	62	1.50	7.9		4585	90.96	62	1.65	8.7		4164	82.61	62	1.85	6.7		5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65	8.5		4249	112.41	62	1.80	9.5		3809	100.75	62	2.00	11		3438	90.96	62	2.20	198		183	7.28	11	2.10	22		1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00	25	1464	58.10	14	1.00	28		1285	50.97	16	1.15	32		1134	44.98	17	1.30	36		1005	39.88	17	1.45	38		963	38.23	17	1.45	41		883	35.05	18	1.65	47		775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30	49	735	29.15	18	1.95	56		643	25.51	18	2.20	63		579	22.98	19	2.50	6.5		5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20	7.1		4630	136.14	78	2.40	7.8		4165	122.48	78	2.70	8.7		4249	110.18	78	3.00	48		761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95	56		643	25.51	18	2.20	63		579	22.98	19	2.50	71		508	20.16	19	2.80	75		486	19.29	12	1.45	82		442	17.53	12	1.55	95		383	15.19	12	1.70	109		333	13.22	12	1.90	115		315	12.48	12	1.60	135		268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																								
5.9	6173	122.48	78	2.00		6.5	5553	110.18	78	2.20	6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129		14	2649	105.13	38	1.50	7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	6.4		5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109		15	2439	96.80	38	1.65	7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85	6.7		5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109		17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00	11		3438	90.96	62	2.20	198		183	7.28	11	2.10	22		1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89		18	1963	77.89	38	2.00	25	1464	58.10	14	1.00		28	1285	50.97	16	1.15	32	1134	44.98	17	1.30	36		1005	39.88	17	1.45	38		963	38.23	17	1.45	41		883	35.05	18	1.65	47		775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89		20	1778	70.54	38	2.30	49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50	6.5		5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79		12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70	8.7		4249	110.18	78	3.00	48		761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79		14	2588	102.71	26	1.00	49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19	2.50	71		508	20.16	19	2.80	75		486	19.29	12	1.45	82		442	17.53	12	1.55	95		383	15.19	12	1.70	109		333	13.22	12	1.90	115		315	12.48	12	1.60	135		268	10.63	12	1.75	149		243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																			
6.5	5553	110.18	78	2.20		6.6	5146	146.07	78	2.20	GK129 GKF129 GKA129 GKAF129	14	2649	105.13	38		1.50	7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109		15	2439	96.80	38		1.65	7.1	5078	100.75	62	1.50	7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85	6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109		17	2180	86.52	38		1.85	7.9	4591	121.46	62	1.65	8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00	11	3438	90.96	62	2.20	198		183	7.28	11	2.10	22		1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89		18	1963	77.89	38		2.00	25	1464	58.10	14	1.00	28	1285	50.97	16	1.15		32	1134	44.98	17	1.30	36	1005	39.88	17	1.45	38		963	38.23	17	1.45	41		883	35.05	18	1.65	47		775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89		20	1778	70.54	38		2.30	49	735	29.15	18	1.95	56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79		12	2919	115.82	25		0.85	6.6	5146	146.07	78	2.20	7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70	8.7	4249	110.18	78	3.00	48		761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79		14	2588	102.71	26		1.00	49	735	29.15	18	1.95	56	643	25.51	18	2.20		63	579	22.98	19	2.50	71	508	20.16	19	2.80	75		486	19.29	12	1.45	82		442	17.53	12	1.55	95		383	15.19	12	1.70	109		333	13.22	12	1.90	115		315	12.48	12	1.60	135		268	10.63	12	1.75	149		243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																									
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8.7	4249	110.18	78	3.00		6.4	5666	112.41	62	1.35	GK109 GKF109 GKA109 GKAF109	15	2439	96.80	38	1.65		7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65	8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85		7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80	9.5	3809	100.75	62	2.00		11	3438	90.96	62		2.20	198	183	7.28	11		2.10	22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14		1.00	28	1285	50.97	16	1.15	32	1134	44.98	17		1.30	36	1005	39.88	17		1.45	38	963	38.23	17		1.45	41	883	35.05	18	1.65	47	775	30.76	18	1.85		GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38		2.30	49	735	29.15		18	1.95	56	643	25.51	18	2.20	63	579	22.98	19		2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40	7.8	4165	122.48	78	2.70		8.7	4249	110.18	78		3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20	63	579	22.98	19		2.50	71	508	20.16	19		2.80	75	486	19.29	12		1.45	82	442	17.53	12	1.55	95	383	15.19	12	1.70		109	333	13.22	12	1.90	115	315	12.48	12	1.60	135		268	10.63	12	1.75	149		243	9.66	12	1.85	172		211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																						
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7.1	5078	100.75	62	1.50		7.9	4585	90.96	62	1.65		8.7	4164	82.61	62	1.85		6.7	5423	143.47	62	1.40	GK109 GKF109 GKA109 GKAF109	17	2180	86.52	38	1.85	7.9	4591	121.46	62	1.65		8.5	4249	112.41	62	1.80		9.5	3809	100.75	62	2.00		11	3438	90.96	62	2.20		198	183	7.28	11	2.10	22	1625	64.49	13	0.90		GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00	25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17		1.45	38	963	38.23	17	1.45	41	883	35.05	18		1.65	47	775	30.76	18		1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30	49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19		2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85	6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00		48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00	49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45	82	442	17.53	12		1.55	95	383	15.19	12		1.70	109	333	13.22	12		1.90	115	315	12.48	12	1.60	135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198		183	7.28	11	2.10																																																																																																																																																																																																																																																							
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22	1625	64.49	13	0.90	GK89 GKF89 GKA89 GKAF89	18	1963	77.89	38	2.00		25	1464	58.10	14	1.00		28	1285	50.97	16	1.15		32	1134	44.98	17	1.30		36	1005	39.88	17	1.45		38	963	38.23	17	1.45	41	883	35.05	18	1.65		47	775	30.76	18	1.85	GK89 GKF89 GKA89 GKAF89	20	1778	70.54	38	2.30		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50	6.5	5553	110.18	78	2.20	GK79 GKF79 GKA79 GKAF79	12	2919	115.82	25	0.85		6.6	5146	146.07	78	2.20		7.1	4630	136.14	78	2.40		7.8	4165	122.48	78	2.70		8.7	4249	110.18	78	3.00	48	761	30.21	10	1.00	GK79 GKF79 GKA79 GKAF79	14	2588	102.71	26	1.00		49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45	82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																		
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49	735	29.15	18	1.95		56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55	95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																												
56	643	25.51	18	2.20		63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70	109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																		
63	579	22.98	19	2.50		71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90	115	315	12.48	12	1.60		135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																								
71	508	20.16	19	2.80		75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60	135	268	10.63	12	1.75		149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																														
75	486	19.29	12	1.45		82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
82	442	17.53	12	1.55		95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
95	383	15.19	12	1.70		109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
109	333	13.22	12	1.90		115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
115	315	12.48	12	1.60		135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
135	268	10.63	12	1.75	149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
149	243	9.66	12	1.85	172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
172	211	8.37	12	1.95	198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
198	183	7.28	11	2.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole																																																																																																																																																																																																																																																																																																																																																																																																																																																								
4kW							5.5kW																																																																																																																																																																																																																																																																																																																																																																																																																																																														
60	606	24.05	5.8	0.95	GK59 GKF59 GKA59 GKAF59	4P	7.1	7076	136.14	78	1.75	GK129	6P																																																																																																																																																																																																																																																																																																																																																																																																																																																								
63	572	22.71	5.9	1.00			74	487	19.34	5.9	1.10	82		443	17.57	5.9	1.15	95	384	15.22	5.9	1.30	109	334	13.25	5.8	1.45	121	300	11.92	5.5	1.30	128	284	11.26	5.5	1.35	150	242	9.59	5.4	1.55	165	220	8.71	5.4	1.65	191	190	7.55	5.3	1.80	219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93	38	0.95	GK99	4P	0.9	52835	1605	165	0.95	1.0	45922	1395	171	1.05	1.2	39371	1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14	3643	105.13	38	1.10	GKF99	4P	1.5	31076	944	135	1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85	GK89	4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89	4P	7.3	6452	196	62	1.25	8.3	5728	174	62	1.40	9.4	5070	154	62	1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46	26	1.05	GKA89	4P	5.9	8482	122.39	110	2.00	7.2	6946	100.22	110	2.40	7.9	6352	91.65	110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55	38	1.85	GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																					
74	487	19.34	5.9	1.10			82	443	17.57	5.9	1.15	95		384	15.22	5.9	1.30	109	334	13.25	5.8	1.45	121	300	11.92	5.5	1.30	128	284	11.26	5.5	1.35	150	242	9.59	5.4	1.55	165	220	8.71	5.4	1.65	191	190	7.55	5.3	1.80	219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93			38	0.95	GK99	4P	0.9	52835		1605	165	0.95	1.0	45922	1395	171	1.05	1.2	39371	1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P			14	3643	105.13	38	1.10	GKF99		4P	1.5	31076	944	135	1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104			0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34		25	0.85	GK89	4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5			7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P		18	2749	79.34	26	0.95	GK89	4P	7.3	6452	196	62	1.25	8.3	5728	174	62	1.40	9.4	5070	154	62	1.60	10	4609	140			62	1.75	4.8	10424	150.41	109		1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46	26	1.05	GKA89	4P	5.9	8482	122.39	110	2.00	7.2	6946	100.22	110	2.40			7.9	6352	91.65	110	2.70	5.3		9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55	38	1.85	GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																								
82	443	17.57	5.9	1.15			95	384	15.22	5.9	1.30	109		334	13.25	5.8	1.45	121	300	11.92	5.5	1.30	128	284	11.26	5.5	1.35	150	242	9.59	5.4	1.55	165	220	8.71	5.4	1.65	191	190	7.55	5.3	1.80	219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93			38	0.95	GK99			4P	0.9	52835		1605	165		0.95	1.0	45922	1395	171	1.05	1.2	39371	1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P					14	3643	105.13	38	1.10	GKF99			4P	1.5	31076	944	135	1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661			104			0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P		17	2992	86.34		25	0.85	GK89	4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839			147	78	2.70	6.5				7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P		18	2749	79.34	26	0.95	GK89	4P	7.3	6452	196	62	1.25	8.3	5728	174	62	1.40	9.4			5070	154	62	1.60	10	4609		140			62	1.75	4.8	10424	150.41	109		1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46	26	1.05	GKA89	4P			5.9	8482	122.39	110	2.00	7.2		6946	100.22	110	2.40			7.9	6352	91.65	110	2.70	5.3		9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55	38	1.85	GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																											
95	384	15.22	5.9	1.30			109	334	13.25	5.8	1.45	121	300	11.92	5.5	1.30	128	284	11.26	5.5	1.35	150	242	9.59	5.4	1.55	165	220	8.71	5.4	1.65	191	190	7.55	5.3	1.80	219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93	38			0.95	GK99	4P			0.9	52835	1605				165	0.95		1.0	45922		1395	171	1.05	1.2	39371	1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14							3643	105.13	38	1.10	GKF99	4P				1.5	31076	944	135	1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661			104			0.80				GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17		2992	86.34	25		0.85	GK89	4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78			2.35	9.8	4839	147				78	2.70	6.5	7308				222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18		2749	79.34	26	0.95	GK89	4P	7.3	6452	196	62	1.25			8.3	5728	174	62	1.40	9.4		5070			154	62	1.60	10	4609	140		62			1.75	4.8	10424	150.41	109	1.60				GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46	26		1.05	GKA89	4P	5.9			8482	122.39	110	2.00	7.2	6946		100.22	110	2.40	7.9			6352	91.65	110	2.70	5.3	9435		136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55	38	1.85	GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55															
109	334	13.25	5.8	1.45			121	300	11.92	5.5	1.30	128	284	11.26	5.5	1.35	150	242	9.59	5.4	1.55	165	220	8.71	5.4	1.65	191	190	7.55	5.3	1.80	219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93			38	0.95	GK99	4P			0.9	52835				1605	165	0.95				1.0	45922		1395	171	1.05	1.2	39371	1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14			3643							105.13	38	1.10	GKF99	4P		1.5			31076	944	135	1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104			0.80			GK159R99 GKF159R99 GKA159R99 GKAF159R99			4P			17		2992	86.34	25		0.85	GK89		4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167			78	2.35	9.8	4839			147	78	2.70	6.5	7308				222	62	1.10			GK129R89 GKF129R89 GKA129R89 GKAF129R89		4P	18	2749	79.34	26		0.95	GK89	4P	7.3	6452			196	62	1.25	8.3	5728	174	62	1.40			9.4	5070	154	62	1.60	10		4609			140	62	1.75	4.8	10424	150.41						109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46		26			1.05	GKA89	4P	5.9	8482	122.39		110	2.00	7.2	6946			100.22	110	2.40	7.9	6352	91.65		110	2.70	5.3			9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P		23	2167	62.55	38	1.85	GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55								
121	300	11.92	5.5	1.30			128	284	11.26	5.5	1.35	150	242	9.59	5.4	1.55	165	220	8.71	5.4	1.65	191	190	7.55	5.3	1.80	219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93			38	0.95	GK99			4P	0.9	52835				1605	165				0.95	1.0	45922				1395	171	1.05	1.2	39371	1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14			3643			105.13							38	1.10	GKF99	4P			1.5	31076		944	135	1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80			GK159R99 GKF159R99 GKA159R99 GKAF159R99									4P	17	2992	86.34	25		0.85	GK89			4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498			167	78	2.35	9.8			4839	147	78	2.70	6.5			7308	222	62	1.10						GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749		79.34	26		0.95	GK89			4P	7.3	6452	196	62	1.25	8.3	5728			174	62	1.40	9.4	5070	154	62	1.60			10	4609	140	62	1.75	4.8						10424	150.41			109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79		4P			20	2442		70.46	26	1.05	GKA89	4P	5.9	8482	122.39			110	2.00	7.2	6946	100.22	110		2.40	7.9	6352			91.65	110	2.70	5.3				9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P		23	2167	62.55	38	1.85	GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55	
128	284	11.26	5.5	1.35			150	242	9.59	5.4	1.55	165	220	8.71	5.4	1.65	191	190	7.55	5.3	1.80	219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93			38	0.95	GK99			4P	0.9	52835				1605	165				0.95	1.0				45922	1395	171			1.05	1.2	39371	1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14			3643			105.13			38							1.10	GKF99	4P				1.5	31076	944	135	1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99													4P	17	2992	86.34	25	0.85	GK89				4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6			5498	167	78	2.35			9.8	4839	147	78	2.70			6.5	7308	222	62				1.10				GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P		18	2749		79.34	26				0.95	GK89	4P	7.3	6452	196	62			1.25	8.3	5728	174	62	1.40	9.4	5070			154	62	1.60	10	4609	140	62					1.75	4.8			10424	150.41						109	1.60		GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442		70.46	26	1.05			GKA89	4P	5.9	8482	122.39	110	2.00	7.2	6946	100.22			110	2.40	7.9	6352				91.65	110	2.70	5.3				9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P		23	2167	62.55	38	1.85	GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11
150	242	9.59	5.4	1.55			165	220	8.71	5.4	1.65	191	190	7.55	5.3	1.80	219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93			38	0.95	GK99			4P	0.9	52835				1605	165				0.95	1.0				45922	1395	171			1.05	1.2	39371			1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14			3643			105.13			38			1.10							GKF99	4P				1.5	31076	944	135	1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99															4P	17	2992	86.34	25	0.85	GK89				4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95			8.6	5498	167	78			2.35	9.8	4839	147	78			2.70	6.5	7308	222				62						1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P		18	2749				79.34	26		0.95	GK89	4P	7.3			6452	196	62	1.25	8.3	5728	174	62			1.40	9.4	5070	154	62	1.60	10					4609	140			62	1.75		4.8				10424	150.41				109	1.60		GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20			2442		70.46	26	1.05	GKA89	4P	5.9	8482	122.39			110	2.00	7.2	6946			100.22	110	2.40	7.9	6352				91.65	110	2.70	5.3				9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P		23	2167	62.55	38	1.85	GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335
165	220	8.71	5.4	1.65			191	190	7.55	5.3	1.80	219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93			38	0.95	GK99			4P	0.9	52835				1605	165				0.95	1.0				45922	1395	171			1.05	1.2	39371			1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14	3643	105.13			38			1.10			GKF99			4P			1.5					31076	944	135				1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34			25	0.85													GK89	4P	2.5	18665	567	106	0.95				2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5			7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89			4P	18	2749	79.34				26						0.95			GK89	4P	7.3	6452	196		62	1.25		8.3	5728		174			62	1.40	9.4	5070	154	62	1.60	10			4609	140	62	1.75	4.8	10424	150.41	109	1.60			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			20	2442		70.46				26	1.05	GKA89			4P	5.9				8482			122.39		110	2.00	7.2	6946		100.22	110	2.40			7.9	6352	91.65	110			2.70	5.3	9435	136.14	77			1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167				62.55	38	1.85	GKA99				4P	5.9	8488	122.48	77	1.45		6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290
191	190	7.55	5.3	1.80			219	166	6.57	5.1	1.95	5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93			38	0.95	GK99			4P	0.9	52835				1605	165				0.95	1.0				45922	1395			171	1.05	1.2	39371			1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14	3643	105.13			38	1.10	GKF99			4P			1.5			31076						944			135	1.00	1.7	27784	844			135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34			25	0.85	GK89			4P	2.5		18665	567										106		0.95	2.9	16591	504	107	1.05			3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95					GK89	4P	7.3				6452						196			62		1.25	8.3	5728	174	62	1.40		9.4	5070		154	62	1.60	10	4609	140	62	1.75	4.8	10424	150.41			109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46	26	1.05							GKA89	4P		5.9		8482	122.39	110	2.00	7.2				6946	100.22			110			2.40		7.9	6352	91.65	110		2.70	5.3	9435			136.14	77	1.30	GK129 GKF129 GKA129 GKAF129			8P	23	2167	62.55	38			1.85			GKA99	4P			5.9	8488	122.48	77	1.45					6.5	7636	110.18	77	1.60		8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252
219	166	6.57	5.1	1.95			5.5kW							5.5kW							0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93			38	0.95	GK99			4P	0.9	52835				1605	165				0.95	1.0				45922	1395			171	1.05	1.2			39371	1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14	3643	105.13			38	1.10	GKF99			4P	1.5	31076						944			135						1.00	1.7	27784	844	135	1.15	1.9	24920		757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34			25	0.85	GK89			4P	2.5	18665				567		106	0.95		2.9	16591							504		107	1.05	3.3	14287	434	108	1.25		3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34			26	0.95	GK89	4P	7.3		6452	196		62		1.25				8.3						5728			174		62	1.40	9.4	5070	154	62	1.60	10	4609		140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46	26	1.05			GKA89	4P	5.9	8482	122.39							110			2.00		7.2	6946	100.22	110	2.40				7.9	6352			91.65	110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129		8P	23	2167			62.55	38	1.85					GKA99	4P	5.9	8488			122.48			77				1.45	6.5	7636	110.18	77			1.60		8.0	6230	89.89	78	1.95		6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55		
5.5kW							5.5kW																																																																																																																																																																																																																																																																																																																																																																																																																																																														
0.8	59946	1821	153	0.80	GK189R99 GKA189R99	4P	12	4294	123.93	38	0.95	GK99	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0.9	52835	1605	165	0.95			1.0	45922	1395	171	1.05	1.2		39371	1196	171	1.25	1.4	34434	1046	171	1.45	1.5	31109	945			171	1.60	2.0			24294	738	171				2.00	2.3			20443	621	171			2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14	3643	105.13	38	1.10	GKF99	4P	1.5	31076	944	135	1.00	1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135			2.00	3.4	13925			423	135	2.30				2.2	21760			661			104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85	GK89	4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05			4.4	10896	331			76	1.20	5.0				9448	287			77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85			7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89	4P	7.3	6452	196	62	1.25	8.3	5728	174	62	1.40	9.4	5070	154	62	1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46	26	1.05	GKA89	4P	5.9	8482	122.39	110	2.00	7.2	6946			100.22	110	2.40			7.9	6352	91.65		110		2.70	5.3		9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55	38			1.85			GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99			9.2	0.90	6.4	785	22.66			10		0.95	7.5	668	19.29	11			1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9			458	13.22	12			1.40	11.5	432	12.48	12	1.15	13.5	368		10.63		12	1.30	14.9	335	9.66	12	1.35		17.2	290		8.37		11	1.45	19.8	252	7.28			11	1.55																																																																										
1.0	45922	1395	171	1.05			1.2	39371	1196	171	1.25	1.4		34434	1046	171	1.45	1.5	31109	945	171	1.60	2.0	24294	738			171	2.00	2.3			20443	621	171			2.40	1.3	36244			1101	135	0.85	GK169R99 GKA169R99	4P	14	3643	105.13	38	1.10	GKF99			4P	1.5	31076	944	135	1.00		1.7	27784	844	135	1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135			2.30	2.2	21760			661	104	0.80			GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17			2992	86.34	25	0.85	GK89			4P	2.5	18665	567	106	0.95		2.9	16591	504	107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20			5.0	9448	287			77	1.35	5.7			8362	254	77		1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167		78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89			4P	7.3	6452	196	62	1.25		8.3	5728	174	62	1.40	9.4	5070	154	62	1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46			26	1.05	GKA89	4P	5.9	8482		122.39	110	2.00	7.2	6946	100.22	110			2.40	7.9	6352			91.65	110	2.70	5.3	9435		136.14	77		1.30	GK129 GKF129 GKA129 GKAF129	8P	23			2167	62.55	38	1.85	GKA99	4P	5.9			8488		122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90			6.4	785	22.66	10	0.95			7.5	668	19.29	11	1.05	8.2	607			17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12			1.15	13.5	368	10.63	12	1.30	14.9	335		9.66		12	1.35	17.2	290	8.37	11	1.45		19.8	252		7.28	11	1.55																																																																																		
1.2	39371	1196	171	1.25			1.4	34434	1046	171	1.45	1.5		31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621			171	2.40	1.3			36244	1101	135			0.85	GK169R99 GKA169R99	4P	14	3643	105.13	38	1.10			GKF99	4P	1.5	31076	944	135				1.00	1.7	27784	844	135		1.15	1.9	24920	757	135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661			104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99			4P	17	2992					86.34	25	0.85	GK89	4P	2.5	18665	567				106	0.95	2.9	16591	504		107	1.05	3.3	14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287			77	1.35	5.7			8362	254	77			1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34			26	0.95	GK89	4P	7.3	6452				196	62	1.25	8.3	5728		174	62	1.40	9.4	5070	154	62	1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			20	2442	70.46			26	1.05	GKA89		4P	5.9		8482	122.39	110	2.00	7.2	6946	100.22			110	2.40	7.9			6352	91.65	110	2.70	5.3		9435	136.14		77			1.30			GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55		38	1.85	GKA99	4P		5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99			9.2	0.90	6.4	785	22.66			10	0.95	7.5	668	19.29	11	1.05			8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335		9.66		12	1.35	17.2	290	8.37	11	1.45		19.8	252		7.28	11	1.55																																																																																		
1.4	34434	1046	171	1.45			1.5	31109	945	171	1.60	2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135			0.85	GK169R99 GKA169R99	4P			14	3643	105.13	38	1.10	GKF99			4P	1.5	31076	944	135			1.00		1.7	27784	844	135				1.15	1.9	24920	757	135		1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17			2992	86.34					25	0.85	GK89	4P			2.5	18665	567	106		0.95	2.9	16591				504	107	1.05	3.3	14287		434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362			254	77	1.55			6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26			0.95	GK89	4P			7.3	6452	196		62	1.25				8.3	5728	174	62	1.40		9.4	5070	154	62	1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20					2442	70.46	26			1.05	GKA89	4P			5.9		8482	122.39	110	2.00	7.2	6946	100.22			110	2.40	7.9			6352	91.65	110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129			8P					23	2167	62.55		38	1.85	GKA99			4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831			23.99	9.2	0.90	6.4	785			22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66		12		1.35	17.2	290	8.37	11	1.45	19.8		252	7.28		11	1.55																																																																																			
1.5	31109	945	171	1.60			2.0	24294	738	171	2.00	2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14	3643			105.13			38	1.10	GKF99	4P	1.5	31076	944	135				1.00	1.7	27784	844			135		1.15	1.9	24920	757				135	1.25	2.3	20805	632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34			25			0.85	GK89		4P	2.5		18665	567	106				0.95	2.9	16591	504		107	1.05	3.3				14287	434	108	1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012			213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452			196	62				1.25	8.3	5728		174	62				1.40	9.4	5070	154	62	1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46			26					1.05	GKA89	4P			5.9	8482				122.39	110	2.00	7.2	6946	100.22	110	2.40	7.9			6352	91.65	110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55									38	1.85	GKA99		4P	5.9	8488		122.48		77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90			6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37		11		1.45	19.8	252	7.28	11	1.55																																																																																										
2.0	24294	738	171	2.00			2.3	20443	621	171	2.40	1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14	3643	105.13			38	1.10	GKF99	4P	1.5			31076	944	135		1.00	1.7	27784	844				135	1.15	1.9	24920			757		135	1.25	2.3	20805			632	135	1.50	2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34			25	0.85	GK89			4P	2.5	18665	567	106			0.95		2.9	16591	504				107	1.05	3.3	14287		434	108	1.25			3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452	196			62		1.25	8.3			5728	174				62	1.40	9.4		5070	154			62	1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46			26	1.05	GKA89			4P					5.9	8482				122.39	110		2.00		7.2	6946	100.22	110	2.40	7.9	6352	91.65	110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55			38	1.85	GKA99									4P	5.9	8488	122.48		77	1.45		6.5		7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																	
2.3	20443	621	171	2.40			1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14	3643	105.13			38	1.10	GKF99			4P	1.5	31076		944			135	1.00	1.7		27784	844	135	1.15				1.9	24920	757	135			1.25	2.3	20805	632	135	1.50			2.6	18468	561	135	1.70	3.0	15834	481	135	2.00	3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17			2992	86.34	25			0.85	GK89	4P				2.5	18665	567	106			0.95		2.9	16591	504				107	1.05	3.3	14287	434	108	1.25	3.8			12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89			4P	18	2749	79.34	26			0.95		GK89	4P	7.3			6452		196	62			1.25	8.3				5728	174	62	1.40	9.4	5070			154	62	1.60	10	4609	140	62	1.75	4.8	10424	150.41	109			1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P			20	2442	70.46								26	1.05				GKA89	4P		5.9	8482	122.39	110	2.00	7.2	6946	100.22	110	2.40	7.9	6352	91.65	110	2.70	5.3	9435			136.14	77	1.30			GK129 GKF129 GKA129 GKAF129	8P	23										2167	62.55	38		1.85	GKA99	4P	5.9		8488	122.48	77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																												
1.3	36244	1101	135	0.85	GK169R99 GKA169R99	4P	14	3643	105.13	38	1.10			GKF99	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1.5	31076	944	135	1.00			1.7	27784	844	135	1.15			1.9		24920			757	135	1.25				2.3	20805		632			135	1.50	2.6	18468	561	135	1.70	3.0			15834	481	135	2.00	3.4			13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85	GK89	4P	2.5	18665	567	106	0.95	2.9	16591	504	107	1.05			3.3			14287	434	108			1.25	3.8					12476	379	109	1.45		4.3	10962		333	109	1.60	3.4			13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89	4P	7.3	6452	196	62	1.25	8.3	5728	174	62	1.40	9.4					5070	154	62	1.60			10		4609		140			62	1.75	4.8	10424			150.41	109	1.60			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46	26	1.05	GKA89	4P	5.9	8482	122.39	110	2.00	7.2	6946	100.22	110	2.40	7.9			6352					91.65	110	2.70								5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129		8P	23	2167	62.55	38	1.85	GKA99	4P	5.9	8488	122.48	77	1.45	6.5	7636	110.18	77	1.60			8.0	6230	89.89					78					1.95	6.0				831	23.99	9.2	0.90	6.4	785		22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																			
1.7	27784	844	135	1.15			1.9	24920	757	135	1.25			2.3		20805			632	135	1.50				2.6	18468	561	135			1.70	3.0	15834	481	135	2.00	3.4	13925			423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85	GK89			4P	2.5	18665	567	106	0.95		2.9	16591	504	107	1.05	3.3	14287	434	108	1.25			3.8			12476	379	109			1.45	4.3				10962	333	109	1.60	3.4		13826	420		74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89			4P	7.3	6452	196	62	1.25		8.3	5728	174	62	1.40	9.4	5070	154	62	1.60	10					4609	140	62	1.75			4.8	10424	150.41		109			1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20			2442	70.46	26	1.05	GKA89			4P	5.9	8482	122.39	110	2.00		7.2	6946	100.22	110	2.40	7.9	6352	91.65	110	2.70	5.3			9435					136.14	77	1.30			GK129 GKF129 GKA129 GKAF129			8P	23	2167	62.55	38	1.85	GKA99				4P	5.9	8488	122.48	77	1.45		6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95			6.0	831	23.99					9.2		0.90	6.4		785	22.66			10	0.95	7.5	668	19.29	11	1.05		8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																											
1.9	24920	757	135	1.25			2.3	20805	632	135	1.50			2.6		18468			561	135	1.70			3.0	15834	481	135	2.00			3.4	13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85	GK89			4P	2.5	18665	567	106	0.95				2.9	16591	504	107	1.05		3.3	14287	434	108	1.25	3.8	12476	379	109	1.45			4.3			10962	333	109			1.60	3.4	13826			420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89			4P	7.3	6452	196	62	1.25				8.3	5728	174	62	1.40		9.4	5070	154	62	1.60	10	4609	140	62	1.75	4.8					10424	150.41	109	1.60			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46			26			1.05	GKA89	4P	5.9	8482	122.39	110	2.00				7.2	6946	100.22	110	2.40		7.9	6352	91.65	110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129			8P					23	2167	62.55				38	1.85		GKA99	4P	5.9	8488	122.48	77		1.45			6.5	7636	110.18	77	1.60		8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90			6.4	785	22.66					10		0.95	7.5		668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																			
2.3	20805	632	135	1.50			2.6	18468	561	135	1.70			3.0	15834	481			135	2.00	3.4			13925	423	135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85	GK89			4P	2.5	18665	567	106	0.95				2.9	16591	504	107	1.05				3.3	14287	434	108	1.25		3.8	12476	379	109	1.45	4.3	10962	333	109	1.60			3.4			13826	420	74			0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452	196	62				1.25	8.3	5728	174	62				1.40	9.4	5070	154	62		1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60					GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442					70.46	26	1.05	GKA89	4P	5.9			8482	122.39		110	2.00	7.2	6946	100.22				110	2.40	7.9	6352	91.65		110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23									2167	62.55	38	1.85	GKA99		4P	5.9		8488		122.48	77	1.45	6.5		7636			110.18	77	1.60	8.0	6230		89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785			22.66	10	0.95					7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																							
2.6	18468	561	135	1.70			3.0	15834	481	135	2.00			3.4	13925	423			135	2.30	2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85			GK89	4P	2.5	18665	567	106				0.95	2.9	16591	504	107				1.05	3.3	14287	434	108				1.25	3.8	12476	379	109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95			3.9			12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452	196			62		1.25	8.3	5728	174				62	1.40	9.4	5070	154				62	1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46							26	1.05	GKA89	4P			5.9	8482	122.39	110		2.00			7.2	6946		100.22	110	2.40	7.9	6352				91.65	110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55			38							1.85	GKA99	4P	5.9	8488	122.48	77			1.45		6.5		7636	110.18	77	1.60		8.0			6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668			19.29	11	1.05	8.2	607			17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																														
3.0	15834	481	135	2.00			3.4	13925	423	135	2.30			2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85			GK89	4P	2.5	18665	567			106		0.95	2.9	16591	504				107	1.05	3.3	14287	434				108	1.25	3.8	12476	379			109	1.45	4.3	10962	333	109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05			4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452	196			62		1.25	8.3	5728			174		62	1.40	9.4	5070				154	62	1.60	10	4609			140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46			26	1.05	GKA89		4P	5.9				8482	122.39	110				2.00	7.2	6946	100.22		110			2.40	7.9		6352	91.65	110	2.70	5.3			9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55			38	1.85	GKA99			4P		5.9	8488				122.48	77		1.45	6.5	7636	110.18			77		1.60		8.0	6230	89.89	78		1.95		6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11			1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																					
3.4	13925	423	135	2.30			2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85			GK89	4P	2.5	18665	567			106		0.95	2.9	16591			504		107	1.05	3.3	14287				434	108	1.25	3.8	12476			379	109	1.45	4.3	10962	333			109	1.60	3.4	13826	420	74	0.95	3.9	12114	368	76	1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452	196			62		1.25	8.3	5728			174		62	1.40	9.4			5070		154	62	1.60	10			4609	140	62	1.75	4.8	10424			150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46			26	1.05	GKA89			4P	5.9	8482	122.39		110	2.00			7.2	6946	100.22				110	2.40	7.9	6352		91.65			110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129			8P	23	2167	62.55			38	1.85	GKA99			4P	5.9	8488					122.48	77		1.45	6.5	7636	110.18		77	1.60	8.0	6230			89.89		78	1.95	6.0	831	23.99	9.2		0.90		6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																												
2.2	21760	661	104	0.80	GK159R99 GKF159R99 GKA159R99 GKAF159R99	4P	17	2992	86.34	25	0.85			GK89	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
2.5	18665	567	106	0.95			2.9	16591	504	107	1.05			3.3		14287	434	108			1.25		3.8	12476	379			109		1.45	4.3	10962			333	109	1.60	3.4	13826	420			74	0.95	3.9	12114	368	76			1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89	4P	7.3	6452	196	62	1.25	8.3	5728	174	62	1.40			9.4	5070	154	62	1.60			10		4609	140	62			1.75		4.8	10424	150.41			109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20			2442	70.46	26	1.05	GKA89	4P			5.9	8482	122.39	110	2.00	7.2	6946	100.22	110	2.40	7.9			6352	91.65	110			2.70	5.3	9435				136.14	77	1.30		GK129 GKF129 GKA129 GKAF129	8P			23	2167	62.55	38			1.85	GKA99	4P	5.9	8488	122.48			77	1.45	6.5	7636	110.18	77	1.60		8.0	6230		89.89	78	1.95			6.0	831	23.99				9.2	0.90					6.4	785		22.66	10	0.95	7.5	668	19.29	11	1.05	8.2		607	17.53		11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																		
2.9	16591	504	107	1.05			3.3	14287	434	108	1.25			3.8		12476	379	109			1.45		4.3	10962	333			109	1.60	3.4	13826	420			74	0.95	3.9	12114	368	76			1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89			4P	7.3	6452	196	62	1.25		8.3	5728	174	62	1.40	9.4	5070	154	62	1.60			10	4609	140	62	1.75			4.8		10424	150.41	109			1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442			70.46	26			1.05			GKA89	4P	5.9	8482	122.39		110	2.00	7.2	6946	100.22	110	2.40	7.9	6352	91.65	110	2.70	5.3			9435	136.14	77			1.30	GK129 GKF129 GKA129 GKAF129	8P				23	2167	62.55	38					1.85	GKA99	4P	5.9			8488	122.48		77	1.45	6.5	7636	110.18	77	1.60	8.0	6230	89.89	78	1.95		6.0	831		23.99	9.2	0.90			6.4	785	22.66				10	0.95			7.5		668	19.29		11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																										
3.3	14287	434	108	1.25			3.8	12476	379	109	1.45			4.3		10962	333	109			1.60	3.4	13826	420	74			0.95	3.9	12114	368	76			1.05	4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89			4P	7.3	6452	196	62	1.25				8.3	5728	174	62	1.40		9.4	5070	154	62	1.60	10	4609	140	62	1.75			4.8	10424	150.41	109	1.60			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46			26			1.05	GKA89			4P	5.9			8482	122.39	110	2.00		7.2	6946	100.22		110	2.40	7.9	6352	91.65	110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129			8P	23	2167			62.55					38	1.85	GKA99	4P	5.9					8488	122.48		77	1.45	6.5	7636	110.18		77	1.60	8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90		6.4	785		22.66	10	0.95			7.5	668	19.29			11	1.05	8.2			607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																		
3.8	12476	379	109	1.45			4.3	10962	333	109	1.60			3.4	13826	420	74	0.95			3.9	12114	368	76	1.05			4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95	GK89			4P	7.3	6452	196	62	1.25				8.3	5728	174	62	1.40				9.4	5070	154	62	1.60		10	4609	140	62	1.75	4.8	10424	150.41	109	1.60			GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46					26	1.05	GKA89			4P			5.9	8482	122.39	110		2.00			7.2	6946	100.22	110		2.40	7.9	6352		91.65	110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167					62.55	38			1.85					GKA99	4P	5.9		8488			122.48	77	1.45	6.5		7636	110.18	77	1.60	8.0		6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66		10	0.95		7.5	668	19.29			11	1.05	8.2			607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																							
4.3	10962	333	109	1.60			3.4	13826	420	74	0.95			3.9	12114	368	76	1.05			4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452	196	62				1.25	8.3	5728	174	62				1.40	9.4	5070	154	62				1.60	10	4609	140	62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46					26	1.05	GKA89					4P	5.9	8482	122.39	110				2.00	7.2	6946	100.22		110			2.40	7.9	6352	91.65		110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55			38	1.85					GKA99	4P			5.9			8488	122.48	77		1.45		6.5			7636	110.18	77	1.60		8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29		11	1.05		8.2	607	17.53			11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																														
3.4	13826	420	74	0.95			3.9	12114	368	76	1.05			4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452	196			62		1.25	8.3	5728	174				62	1.40	9.4	5070	154				62	1.60	10	4609	140			62	1.75	4.8	10424	150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46			26	1.05	GKA89					4P	5.9	8482	122.39	110				2.00	7.2	6946	100.22				110	2.40	7.9	6352		91.65			110	2.70	5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55			38	1.85	GKA99			4P	5.9					8488		122.48	77	1.45			6.5	7636	110.18		77		1.60			8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53		11	1.15		9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																					
3.9	12114	368	76	1.05			4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452	196			62		1.25	8.3	5728			174		62	1.40	9.4	5070				154	62	1.60	10	4609			140	62	1.75	4.8	10424	150.41			109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20	2442	70.46			26	1.05	GKA89			4P	5.9	8482	122.39	110				2.00	7.2	6946	100.22				110	2.40	7.9	6352				91.65	110	2.70	5.3	9435	136.14			77	1.30	GK129 GKF129 GKA129 GKAF129	8P	23	2167	62.55			38	1.85	GKA99			4P	5.9	8488				122.48		77	1.45		6.5		7636	110.18	77			1.60	8.0	6230		89.89	78	1.95			6.0	831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																												
4.4	10896	331	76	1.20	5.0	9448	287	77	1.35	5.7	8362	254	77	1.55	6.8	7012	213	78	1.85	7.2	6617	201	78	1.95	8.6	5498	167	78	2.35	9.8	4839	147	78	2.70	6.5	7308	222	62	1.10	GK129R89 GKF129R89 GKA129R89 GKAF129R89	4P	18	2749	79.34	26	0.95			GK89	4P	7.3	6452	196			62		1.25	8.3	5728			174		62	1.40	9.4			5070		154	62	1.60	10			4609	140	62	1.75	4.8	10424			150.41	109	1.60	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4P	20			2442	70.46			26	1.05	GKA89			4P	5.9	8482				122.39	110	2.00	7.2				6946	100.22	110	2.40				7.9	6352	91.65	110	2.70			5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129			8P	23			2167	62.55	38			1.85	GKA99	4P				5.9	8488				122.48		77	1.45		6.5		7636	110.18	77			1.60	8.0	6230	89.89	78	1.95	6.0			831	23.99	9.2	0.90	6.4	785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																													
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7.9	6352	91.65	110	2.70	5.3	9435			136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P		23	2167		62.55	38	1.85					GKA99	4P		5.9	8488	122.48	77					1.45		6.5	7636	110.18	77			1.60		8.0	6230	89.89	78	1.95	6.0	831	23.99	9.2	0.90			6.4	785	22.66	10	0.95			7.5	668	19.29	11	1.05		8.2	607	17.53		11	1.15	9.5	526	15.19	11	1.25	10.9			458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																				
5.3	9435	136.14	77	1.30	GK129 GKF129 GKA129 GKAF129	8P			23	2167	62.55				38	1.85		GKA99	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																		
5.9	8488	122.48	77	1.45					6.5	7636	110.18				77	1.60		8.0		6230	89.89				78			1.95	6.0	831	23.99			9.2	0.90	6.4		785	22.66	10	0.95	7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11			1.25	10.9	458	13.22	12			1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																											
6.5	7636	110.18	77	1.60					8.0	6230	89.89				78	1.95		6.0		831	23.99			9.2	0.90		6.4	785	22.66	10	0.95			7.5	668	19.29	11	1.05	8.2	607	17.53	11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432			12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																					
8.0	6230	89.89	78	1.95					6.0	831	23.99			9.2	0.90	6.4	785	22.66		10	0.95			7.5	668	19.29	11	1.05	8.2	607	17.53			11	1.15	9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																															
6.0	831	23.99	9.2	0.90			6.4	785	22.66	10	0.95			7.5	668	19.29	11	1.05	8.2	607	17.53			11	1.15	9.5	526	15.19	11	1.25	10.9			458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																							
6.4	785	22.66	10	0.95			7.5	668	19.29	11	1.05			8.2	607	17.53	11	1.15	9.5	526	15.19			11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																														
7.5	668	19.29	11	1.05			8.2	607	17.53	11	1.15			9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																																					
8.2	607	17.53	11	1.15			9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																																												
9.5	526	15.19	11	1.25	10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																			
10.9	458	13.22	12	1.40	11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																								
11.5	432	12.48	12	1.15	13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																													
13.5	368	10.63	12	1.30	14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																		
14.9	335	9.66	12	1.35	17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																							
17.2	290	8.37	11	1.45	19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																												
19.8	252	7.28	11	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	
11kW							11kW							
1.7	54222	835	162	0.90										
2.0	47339	729	171	1.05			34	2893	42.33	50	2.40	GK109		
2.3	40391	622	171	1.20	GK189R109	4P	39	2529	37.00	49	2.70	GKF109	4P	
2.8	33767	520	171	1.45	GKA189R109							GKA109		
3.2	29481	454	171	1.65								GKAF109		
4.1	23053	355	171	2.10										
2.0	47923	738	171	1.00	GK189R99			21	4822	70.54	31	0.85		GK99
2.4	40326	621	171	1.20	GKA189R99	4P	23	4276	62.55	31	0.95	GKF99	4P	
2.8	34222	527	171	1.40			26	3865	56.55	31	1.05	GKA99		
4.6	20585	317	135	1.50			30	3276	47.93	31	1.25	GKAF99		
5.3	17987	277	135	1.70	GK169R109			35	2862	41.87	31	1.40		
6.0	15845	244	135	1.95	GKA169R109		4P	38	2617	38.29	30	1.55		GK99
6.9	13832	213	135	2.30		43		2339	34.22	30	1.70	GKF99		
7.1	13312	205	135	2.30		47		2106	30.81	30	1.90	GKA99		
2.6	36430	561	135	0.85		52		1907	27.90	29	2.10	GKAF99		
3.0	31235	481	135	1.00	GK169R99			59	1691	24.74	29	2.40		
3.5	27468	423	135	1.15	GKA169R99	4P	65	1529	22.37	28	2.60			
4.0	23962	369	135	1.30			33	3009	44.02	19	0.80	GK89	4P	
4.4	21624	333	104	0.80	GK159R99			40	2496	36.52	19	0.95		GKF89
5.0	18897	291	106	0.95	GKA159R99			47	2145	31.38	20	1.20		GKA89
6.9	13832	213	74	0.95	GKAF159R99			52	1905	27.87	20	1.30		GKAF89
7.3	13052	201	75	1.00	GK129R89	4P	59	1703	24.92	19	1.40			
8.7	10844	167	76	1.20	GKF129R89			65	1531	22.40	19	1.40		
9.9	9546	147	77	1.35	GKA129R89			75	1329	19.45	19	1.60		
5.4	18454	134.99	135	1.60	GKAF129R89			84	1190	17.41	19	1.75		
6.6	15015	109.83	135	2.00	GK169		8P	91	1094	16.00	18	1.55	GK89	4P
5.9	16924	164.50	135	1.80	GKA169			101	987	14.44	18	2.00	GKF89	
7.2	13888	134.99	135	2.20	GK169			116	859	12.56	18	2.20	GKA89	
8.9	11244	164.50	135	2.70	GKA169			131	763	11.16	17	1.85	GKAF89	
11	9227	134.99	135	3.30		146		684	10.00	17	2.10			
6.0	16732	122.39	107	1.00	GK159	8P	176	567	8.29	16	2.30			
7.3	13701	100.22	108	1.25	GKF159			202	493	7.21	16	2.50		
8.0	12529	91.65	108	1.35	GKA159			64	1571	22.98	14	0.90		
9.2	10903	79.75	109	1.55	GKAF159			72	1378	20.16	15	1.00		
6.4	15475	150.41	107	1.10			82	1216	17.79	16	1.10			
7.9	12592	122.39	108	1.35	GK159	6P	93	1078	15.77	16	1.20	GK79	4P	
9.7	10311	100.22	109	1.65	GKF159			108	921	13.47	15	1.35		GKF79
10.6	9429	91.65	110	1.80	GKA159			117	853	12.48	15	1.10		GKA79
12.2	8205	79.75	110	2.10	GKAF159			133	748	10.95	15	1.25		GKAF79
9.7	10281	150.41	109	1.65			151	660	9.66	14	1.35			
12	8366	122.39	110	2.00		170	586	8.57	14	1.45				
15	6850	100.22	110	2.50		200	500	7.31	14	1.55				
16	6265	91.65	110	2.70		15kW								
11	9306	136.14	77	1.30		2.3	55078	622	161	0.90				
12	8372	122.48	77	1.45	GK129	4P	2.8	46046	520	171	1.05	GK189R109	4P	
13	7531	110.18	77	1.60	GKF129			3.2	40202	454	171	1.20		GKA189R109
16	6144	89.89	78	2.00	GKA129			4.1	31435	355	171	1.55		
18	5604	81.98	78	2.20	GKAF129			5.6	23112	261	171	2.10		
21	4850	70.95	78	2.50			4.6	28070	317	135	1.10			
13	7684	112.41	55	1.00	GK109	4P	5.3	24528	277	135	1.30			
14	6887	100.75	55	1.10	GKF109			6.0	21606	244	135	1.45	GK169R109	4P
16	6218	90.96	55	1.20	GKA109			6.9	18861	213	135	1.65	GKA169R109	
18	5647	82.61	55	1.35	GKAF109			7.1	18153	205	135	1.75		
20	5010	73.30	54	1.50			8.1	15939	180	135	1.95			
22	4547	66.52	53	1.65	GK109	4P	9.2	14079	159	135	2.20			
26	3908	57.17	52	1.90	GKF109			6.3	20367	230	105	0.85		
29	3411	49.90	51	2.20	GKA109			6.9	18861	213	106	0.95	GK159R109	4P
					GKAF109			7.8	16559	187	107	1.05	GKF159R109	
								9.3	13902	157	108	1.30	GKA159R109	
							12	10803	122	109	1.65	GKAF159R109		
							14	9475	107	110	1.90			

**选型参数表
(恒功率)**

**Selection Table
(Constant Power)**

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole
15kW							15kW						
5.4	25234	179.86	171	1.90	GK189	6P	146	932	10.00	16	1.55	GK89	4P
5.9	23178	165.21	171	2.10	GKA189		176	773	8.29	15	1.70	GKF89	
7.2	18939	134.99	135	1.60	GK169	202	672	7.21	15	1.85	GKA89		
8.8	15409	109.83	135	1.95	GKA169						GKAF89		
8.9	15333	164.50	135	2.00	GK169	4P	18.5kW						
11	12583	134.99	135	2.40	GKA169		2.8	56404	520	159	0.85		4P
7.9	17171	122.39	107	1.00	GK159	3.2	49245	454	171	1.00	GK189R109		
9.7	14061	100.22	108	1.20	GKF159	4.1	38506	355	171	1.25	GKA189R109		
11	12858	91.65	108	1.35	GKA159	5.6	28310	261	171	1.70			
12	11189	79.75	109	1.55	GKAF159	6.7	23972	221	171	2.00		4P	
14	9874	70.38	109	1.75		4.6	34385	317	135	0.90			
9.7	14020	150.41	108	1.20	GK159	5.3	30046	277	135	1.05			
12	11408	122.39	109	1.50	GKF159	6.0	26466	244	135	1.20			
15	9342	100.22	108	1.85	GKA159	6.9	23104	213	135	1.35	GK169R109	4P	
16	8543	91.65	107	2.00	GKAF159	7.2	22236	205	135	1.40	GKA169R109		
18	7434	79.75	104	2.30		8.2	19524	180	135	1.60			
11	12690	136.14	75	0.95	GK129	9.2	17247	159	135	1.80			
12	11416	122.48	76	1.10	GKF129	11	14643	135	135	2.10		4P	
13	10270	110.18	76	1.20	GKA129	12	12799	118	135	2.40			
					GKAF129	7.9	20284	187	105	0.90	GK159R109		
16	8379	89.89	77	1.45		9.4	17030	157	107	1.05	GKF159R109		
18	7641	81.98	77	1.60	GK129	12	13233	122	108	1.35	GKA159R109	4P	
21	6613	70.95	78	1.85	GKF129	14	11606	107	107	1.55	GKAF159R109		
23	5835	62.60	76	2.10	GKA129	5.4	31122	179.86	171	1.55			
27	5040	54.07	74	2.50	GKAF129	5.9	28587	165.21	171	1.65	GK189		6P
31	4457	47.82	72	2.80		6.7	25019	144.59	171	1.90	GKA189		
16	8478	90.96	48	0.90	GK109	7.5	22441	129.69	171	2.10			
18	7700	82.61	49	1.00	GKF109	8.2	20536	179.86	171	2.30			
20	6832	73.30	49	1.10	GKA109	8.9	18863	165.21	171	2.50	GK189	4P	
22	6200	66.52	48	1.25	GKAF109	10	16509	144.59	171	2.90	GKA189		
26	5329	57.17	48	1.45		11	14808	129.69	171	3.20			
29	4651	49.90	48	1.60	GK109	11	15413	134.99	135	1.95	GK169		4P
34	3946	42.33	47	1.75	GKF109	13	12540	109.83	135	2.40	GKA169		
39	3449	37.00	46	2.00	GKA109	17	10032	87.86	135	3.00			
45	3046	32.68	45	2.20	GKAF109	9.7	17341	100.22	106	1.00	GK159	6P	
47	2916	31.28	44	2.20		11	15858	91.65	107	1.10	GKF159		
50	2702	28.99	44	2.50		12	13799	79.75	106	1.25	GKA159		
30	4468	47.93	27	0.90	GK99	14	12178	70.38	104	1.40	GKAF159		
35	3903	41.87	27	1.05	GKF99	12	13974	122.39	106	1.20		4P	
38	3569	38.29	27	1.15	GKA99	15	11443	100.22	104	1.50			
43	3190	34.22	27	1.30	GKAF99	16	10464	91.65	102	1.65	GK159		
47	2872	30.81	27	1.40		18	9106	79.75	100	1.85	GKF159		4P
52	2601	27.90	27	1.55	GK99	21	8036	70.38	98	2.10	GKA159		
59	2306	24.74	27	1.75	GKF99	24	6967	61.02	96	2.50	GKAF159		
65	2085	22.37	26	1.95	GKA99	27	6199	54.29	94	2.80			
77	1767	18.96	26	2.30	GKAF99	31	5342	46.79	91	3.20		4P	
88	1544	16.56	25	2.70		39	4341	38.02	87	3.90			
47	2925	31.38	16	0.90		13	12580	110.18	75	1.00	GK129		
52	2598	27.87	17	0.95	GK89	16	10263	89.89	75	1.20	GKF129		4P
59	2323	24.92	17	1.00	GKF89	18	9360	81.98	75	1.30	GKA129		
65	2088	22.40	17	1.05	GKA89						GKAF129		
75	1813	19.45	17	1.20	GKAF89	21	8101	70.95	74	1.50			
84	1623	17.41	17	1.30		23	7148	62.60	73	1.70		4P	
91	1491	16.00	16	1.15	GK89	27	6174	54.07	71	2.00	GK129		
101	1346	14.44	17	1.50	GKF89	31	5460	47.82	70	2.20	GKF129		
116	1171	12.56	17	1.60	GKA89	37	4589	40.19	68	2.70	GKA129		
131	1040	11.16	16	1.35	GKAF89	40	4146	36.31	66	3.00	GKAF129		
						47	3587	31.42	65	3.40			
						53	3166	27.73	63	3.90			

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole					
18.5kW							22kW											
20	8369	73.30	44	0.90	GK109	4P	10	19632	144.59	171	2.40	GK189	4P					
22	7595	66.52	44	1.00	GKF109		11	17609	129.69	171	2.70	GKA189						
26	6528	57.17	44	1.15	GKA109		11	18329	134.99	135	1.65	GK169 GKA169	4P					
29	5697	49.90	44	1.30	GKAF109		13	14913	109.83	135	2.00			17	11930	87.86	135	2.50
35	4833	42.33	44	1.45	GK109 GKF109 GKA109 GKAF109	19	10610	78.14	135	2.90	9.7			20622	100.22	101	0.85	GK159 GKF159 GKA159 GKAF159
40	4225	37.00	43	1.60		11	18859	91.65	101	0.90	12	16410	79.75	100	1.05			
45	3731	32.68	43	1.85		14	14482	70.38	99	1.20	16	12556	61.02	98	1.35			
47	3571	31.28	43	1.80		12	16618	122.39	100	1.05	15	13608	100.22	99	1.25			
51	3310	28.99	42	2.10		16	12444	91.65	98	1.35	18	10828	79.75	97	1.55	GK159 GKF159 GKA159 GKAF159	4P	
56	3004	26.31	42	2.30		21	9556	70.38	95	1.80	24	8285	61.02	93	2.10			
65	2582	22.61	41	2.60		27	7371	54.29	91	2.30	31	6353	46.79	89	2.70			
74	2254	19.74	40	3.00	39	5162	38.02	85	3.30	16	12205	89.89	70	1.00	GK129 GKF129 GKA129 GKAF129	4P		
88	1911	16.74	38	3.50	18	11131	81.98	70	1.10	21	9634	70.95	70	1.30				
35	4781	41.87	24	0.85	23	8500	62.60	69	1.45	27	7342	54.07	67	1.70				
48	3518	30.81	25	1.15	GK99 GKF99 GKA99 GKAF99	4P	31	6493	47.82	67	1.90	GK129 GKF129 GKA129 GKAF129	4P					
53	3186	27.90	25	1.30			37	5457	40.19	66	2.30							
59	2825	24.74	25	1.45			40	4930	36.31	64	2.50							
66	2554	22.37	25	1.60	47	4266	31.42	63	2.90									
78	2165	18.96	24	1.90	GK99 GKF99 GKA99 GKAF99	4P	53	3765	27.73	61	3.30	61	3252	23.95	60	3.80		
89	1891	16.56	24	2.20			69	2876	21.18	58	4.30	26	7762	57.17	41	1.00	GK109 GKF109 GKA109 GKAF109	4P
106	1581	13.85	24	2.60			27	7342	54.07	67	1.70	29	6775	49.90	41	1.10		
123	1369	11.99	23	2.70	31	6493	47.82	67	1.90	35	5748	42.33	41	1.20				
59	2845	24.92	15	0.85	GK89 GKF89 GKA89 GKAF89	4P	37	5457	40.19	66	2.30	GK109 GKF109 GKA109 GKAF109	4P					
66	2558	22.40	15	0.85			40	4930	36.31	64	2.50							
76	2221	19.45	15	1.00			47	4266	31.42	63	2.90							
84	1988	17.41	16	1.05			53	3765	27.73	61	3.30							
102	1649	14.44	16	1.20			61	3252	23.95	60	3.80	69	2876	21.18	58	4.30		
117	1434	12.56	16	1.30			26	7762	57.17	41	1.00	GK109 GKF109 GKA109 GKAF109	4P					
132	1274	11.16	15	1.10			29	6775	49.90	41	1.10							
147	1142	10.00	15	1.25	35	5748	42.33	41	1.20									
177	947	8.29	14	1.40	GK129 GKF129 GKA129 GKAF129	4P	40	5024	37.00	41	1.35	GK109 GKF109 GKA109 GKAF109	4P					
204	823	7.21	14	1.50			45	4437	32.68	41	1.55							
5.3	35730	277	135	0.85			47	4247	31.28	41	1.50							
6.0	31474	244	135	1.00	51	3936	28.99	40	1.75									
6.9	27475	213	135	1.15	56	3572	26.31	40	1.90	GK109 GKF109 GKA109 GKAF109	4P							
7.2	26443	205	135	1.20	65	3070	22.61	39	2.20									
8.2	23218	180	135	1.35	74	2680	19.74	38	2.50									
9.2	20509	159	135	1.50	88	2273	16.74	37	2.90	GK99 GKF99 GKA99 GKAF99	4P							
11	17414	135	135	1.80	100	1986	14.63	36	3.30									
12	15221	118	135	2.10	109	1824	13.43	35	2.20									
9.4	20251	157	104	0.90	125	1591	11.72	34	2.60									
12	15737	122	103	1.15	148	1350	9.94	33	2.90	GK99 GKF99 GKA99 GKAF99	4P							
14	13802	107	102	1.30	48	4183	30.81	22	0.95									
5.4	37009	179.86	171	1.30	53	3788	27.90	23	1.05									
5.9	33995	165.21	171	1.40	59	3359	24.74	23	1.20	GK99 GKF99 GKA99 GKAF99	4P							
6.7	29752	144.59	171	1.60	66	3037	22.37	23	1.35									
7.5	26686	129.69	171	1.80	78	2574	18.96	23	1.60									
8.6	23169	112.60	171	1.90	89	2248	16.56	23	1.80									
8.2	24421	179.86	171	1.95	106	1881	13.85	23	2.20	GK99 GKF99 GKA99 GKAF99	4P							
8.9	22432	165.21	171	2.10	123	1628	11.99	22	2.30									
					141	1413	10.41	21	1.90									
					169	1183	8.71	20	2.10									

**选型参数表
(恒功率)**

**Selection Table
(Constant Power)**

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole																																																																																																																																																																																																																																																																																																																																																																																																																																																							
22kW							30kW																																																																																																																																																																																																																																																																																																																																																																																																																																																													
76	2641	19.45	14	0.80	GK89 GKF89 GKA89 GKAF89	4P	100	2709	14.63	34	2.40	GK109 GKF109 GKA109 GKAF109	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																							
84	2364	17.41	14	0.90			102	1961	14.44	14	1.00			117	1705	12.56	15	1.10	132	1515	11.16	13	0.95	GK99 GKF99 GKA99 GKAF99	4P	147	1358	10.00	13	1.05	177	1126	8.29	14	1.20	204	979	7.21	13	1.25	59	4581	24.74	19	0.90	66	4142	22.37	19	1.00	78	3511	18.96	20	1.15	89	3066	16.56	20	1.35	106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261	158	0.85	GK189R109 GKA189R109	4P	6.7	38873	221	171	1.25	7.6	33948	193	171	1.45	9	28671	163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00	9.2	27967	159	135	1.10	11	23746	135	135	1.30	12	20756	118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55	10	26771	144.59	171	1.75	11	24013	129.69	171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85	19	14468	78.14	135	2.10	22	12605	68.08	135	2.40	24	11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00	18	14766	79.75	88	1.15	21	13031	70.38	87	1.30	24	11298	61.02	86	1.50	27	10052	54.29	85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05	27	10011	54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00	47	5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																								
102	1961	14.44	14	1.00			117	1705	12.56	15	1.10			132	1515	11.16	13	0.95	GK99 GKF99 GKA99 GKAF99	4P	147	1358	10.00			13	1.05	177	1126	8.29	14	1.20	204	979	7.21	13	1.25	59	4581	24.74	19	0.90	66	4142	22.37	19	1.00	78	3511	18.96	20	1.15	89	3066	16.56	20	1.35	106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7			56238	261	158	0.85	GK189R109 GKA189R109			4P	6.7	38873	221	171	1.25	7.6	33948	193	171	1.45	9	28671	163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135			0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00	9.2	27967	159	135	1.10	11	23746	135	135	1.30	12	20756	118	135	1.50	8.2	33302			179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55	10	26771	144.59	171	1.75	11	24013	129.69	171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50			13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85	19	14468	78.14	135	2.10	22	12605	68.08	135	2.40	24	11246	60.74			135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00	18	14766	79.75	88	1.15	21	13031	70.38	87	1.30	24	11298	61.02	86	1.50	27	10052	54.29	85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47			5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05	27	10011	54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57			2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851			37.00	36	1.00	47	5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																									
117	1705	12.56	15	1.10			132	1515	11.16	13	0.95			GK99 GKF99 GKA99 GKAF99	4P	147	1358	10.00			13	1.05	177			1126	8.29	14	1.20	204	979	7.21	13	1.25	59	4581	24.74	19	0.90	66	4142	22.37	19	1.00	78	3511	18.96	20	1.15	89	3066	16.56	20	1.35	106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7			56238			261	158	0.85	GK189R109 GKA189R109					4P	6.7	38873	221	171	1.25	7.6	33948	193	171	1.45	9	28671	163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205			135			0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00	9.2	27967	159	135	1.10	11	23746	135	135	1.30	12	20756	118	135			1.50	8.2	33302			179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55	10	26771	144.59	171	1.75	11	24013	129.69	171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30			17	16293	88.00	171	2.50			13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85	19	14468	78.14	135	2.10	22			12605	68.08	135	2.40	24	11246	60.74			135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00	18	14766	79.75	88	1.15	21	13031	70.38	87	1.30	24	11298	61.02	86	1.50	27	10052	54.29	85	1.70	31	8663			46.79	83	1.95	39	7040	38.02	81	2.40	47			5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05	27	10011	54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42			59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57			2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851			37.00	36	1.00	47	5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50										
132	1515	11.16	13	0.95			GK99 GKF99 GKA99 GKAF99	4P	147	1358	10.00	13	1.05			177	1126	8.29			14	1.20	204			979	7.21	13	1.25	59	4581	24.74	19	0.90	66	4142	22.37	19	1.00	78	3511	18.96	20	1.15	89	3066	16.56	20	1.35	106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261			158			0.85			GK189R109 GKA189R109	4P	6.7							38873	221	171	1.25	7.6	33948	193	171	1.45	9	28671	163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135			0.85			GK169R109 GKA169R109			4P	8.2	31661	180	135	1.00	9.2	27967	159	135	1.10	11	23746	135	135	1.30	12	20756	118			135	1.50	8.2			33302	179.86	171			1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55	10	26771	144.59	171	1.75	11	24013	129.69	171	2.00	13	20848	112.60	171	2.22	14	18915			102.16	171	2.30	17	16293			88.00	171	2.50	13	20335			109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85	19			14468	78.14	135	2.10	22	12605	68.08			135	2.40	24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00	18	14766	79.75	88	1.15	21	13031	70.38	87	1.30	24	11298	61.02	86	1.50			27	10052	54.29	85	1.70	31	8663	46.79	83			1.95	39	7040	38.02	81	2.40	47	5795	31.30			78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05	27	10011	54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134			27.73	58			2.40	61	4434	23.95	57	2.80	69	3922	21.18			56	3.00			35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00	47			5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44
147	1358	10.00	13	1.05					177	1126	8.29	14	1.20			204	979	7.21			13	1.25	59			4581	24.74	19	0.90	66	4142	22.37	19	1.00	78	3511	18.96	20	1.15	89	3066	16.56	20	1.35	106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261			158	0.85	GK189R109 GKA189R109			4P			6.7					38873							221	171	1.25	7.6	33948	193	171	1.45	9	28671	163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85			GK169R109 GKA169R109							4P	8.2	31661	180	135	1.00	9.2	27967	159	135	1.10	11	23746	135	135	1.30	12	20756			118	135	1.50			8.2	33302	179.86			171			1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55	10	26771	144.59	171	1.75	11	24013	129.69	171	2.00	13	20848	112.60	171			2.22	14	18915	102.16	171			2.30	17	16293	88.00	171			2.50	13	20335			109.83	135	1.50	GK169 GKA169	4P	17			16268	87.86	135	1.85	19	14468	78.14			135	2.10	22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00	18	14766	79.75	88	1.15	21	13031	70.38			87	1.30	24	11298	61.02	86	1.50	27	10052			54.29	85	1.70	31	8663	46.79	83	1.95	39			7040	38.02	81	2.40	47	5795	31.30			78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05	27	10011	54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818			31.42	59	2.10	53	5134	27.73	58	2.40	61			4434	23.95			57	2.80	69	3922	21.18			56	3.00	35	7838	42.33	34			0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00	47			5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81
177	1126	8.29	14	1.20					204	979	7.21	13	1.25			59	4581	24.74			19	0.90	66			4142	22.37	19	1.00	78	3511	18.96	20	1.15	89	3066	16.56	20	1.35	106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261			158	0.85	GK189R109 GKA189R109			4P	6.7							38873	221	171			1.25			7.6	33948			193	171	1.45	9	28671	163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00									9.2	27967	159	135	1.10	11	23746	135	135	1.30	12	20756	118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P			8.9	30589	165.21			171			1.55			10	26771	144.59	171	1.75	11	24013	129.69	171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13			20335	109.83	135	1.50	GK169 GKA169			4P	17	16268			87.86	135	1.85			19			14468	78.14	135	2.10	22	12605	68.08			135	2.40	24	11246	60.74	135	2.70			15	18556	100.22	88	0.90			GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65			88	1.00	18	14766	79.75	88	1.15	21	13031	70.38	87	1.30	24			11298	61.02	86	1.50	27	10052	54.29	85	1.70			31	8663	46.79	83	1.95	39	7040	38.02	81			2.40	47	5795	31.30	78	3.00	21			13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23			11591	62.60	61	1.05	27	10011	54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42			59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69			3922	21.18	56	3.00	35			7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P			40			6851	37.00	36	1.00	47	5792			31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109			4P	56	4871	26.31	36	1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905
204	979	7.21	13	1.25					59	4581	24.74	19	0.90			66	4142	22.37			19	1.00	78			3511	18.96	20	1.15	89	3066	16.56	20	1.35	106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261			158	0.85	GK189R109 GKA189R109			4P	6.7					38873					221	171	1.25	7.6	33948			193		171	1.45	9	28671		163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180			135	1.00	9.2	27967	159		135	1.10						11	23746	135	135	1.30	12	20756	118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21			171	1.55	10	26771	144.59			171			1.75			11	24013	129.69	171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85					19	14468			78.14	135	2.10			22			12605	68.08	135	2.40	24	11246	60.74			135	2.70	15	18556	100.22	88	0.90			GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65					88	1.00	18			14766	79.75	88	1.15	21	13031	70.38	87	1.30	24	11298	61.02	86			1.50	27	10052	54.29	85	1.70	31	8663	46.79			83	1.95	39	7040	38.02	81	2.40	47	5795			31.30	78	3.00	21	13137	70.95	61			0.95	GK129 GKF129 GKA129 GKAF129	4P	23			11591			62.60	61	1.05	27	10011	54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56			3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00					36			1.00	47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56					4871	26.31	36	1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81
59	4581	24.74	19	0.90	66	4142			22.37	19	1.00	78	3511			18.96	20	1.15			89	3066	16.56			20	1.35	106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261	158	0.85			GK189R109 GKA189R109	4P	6.7			38873	221					171					1.25		7.6	33948		193	171	1.45	9	28671			163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00			9.2	27967	159			135	1.10	11	23746	135		135	1.30		12	20756			118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59			171	1.75	11	24013	129.69	171	2.00	13			20848			112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10		22	12605		68.08	135			2.40	24	11246			60.74			135	2.70	15	18556	100.22	88	0.90			GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00					18	14766	79.75					88	1.15	21			13031	70.38	87	1.30	24	11298	61.02	86	1.50	27	10052	54.29	85			1.70	31	8663	46.79	83	1.95	39	7040	38.02			81	2.40	47	5795	31.30	78	3.00	21	13137			70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591			62.60			61			1.05			27	10011	54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36	1.00	47					5792	31.28	34	1.10	51	5368	28.99	36	1.25			GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36					1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138
66	4142	22.37	19	1.00	78	3511			18.96	20	1.15	89	3066			16.56	20	1.35			106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261	158	0.85			GK189R109 GKA189R109	4P	6.7	38873	221					171			1.25	7.6					33948		193	171		1.45		9	28671		163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00			9.2	27967	159	135	1.10			11	23746	135			135	1.30	12	20756	118		135	1.50	8.2	33302	179.86	171		1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69			171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171			2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40		24	11246		60.74	135	2.70	15	18556	100.22	88			0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00	18	14766					79.75	88	1.15	21	13031					70.38	87	1.30					24	11298	61.02			86	1.50	27	10052	54.29	85	1.70	31	8663	46.79	83	1.95	39			7040	38.02	81	2.40	47	5795	31.30	78	3.00			21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591			62.60	61	1.05			27	10011			54.07			61			1.25			31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36	1.00	47			5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40					65	4186	22.61			36					1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170
78	3511	18.96	20	1.15	89	3066			16.56	20	1.35	106	2564			13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261	158	0.85			GK189R109 GKA189R109	4P	6.7	38873	221					171	1.25	7.6					33948			193	171		1.45	9		28671		163	171		1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00			9.2	27967	159	135	1.10			11	23746	135	135	1.30			12	20756	118			135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69	171	2.00			13	20848	112.60			171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70		15	18556		100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15	21	13031	70.38	87			1.30	24	11298	61.02	86					1.50	27	10052					54.29	85	1.70			31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30			78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P			23	11591	62.60	61	1.05			27	10011			54.07	61	1.25			31	8854			47.82			61			1.40			37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36	1.00	47			5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65	4186	22.61	36	1.65			74	3655	19.74			36					1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50	
89	3066	16.56	20	1.35	106	2564			13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261	158	0.85			GK189R109 GKA189R109	4P	6.7	38873	221					171	1.25	7.6					33948	193	171					1.45	9	28671	163	171		1.70	6.9		37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00			9.2	27967	159	135	1.10			11	23746	135	135	1.30			12	20756	118	135	1.50			8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69	171	2.00			13	20848	112.60	171	2.22			14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30	24	11298	61.02	86			1.50	27	10052	54.29	85	1.70	31			8663	46.79	83					1.95	39	7040			38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05	27	10011					54.07	61	1.25	31	8854			47.82	61			1.40	37	7441			40.19	61			1.65			40			6723			36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28			34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61			36	1.65	74	3655	19.74	36	1.85			88	3099	16.74			35		2.20	41		8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50								
106	2564	13.85	20	1.60	123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261	158	0.85			GK189R109 GKA189R109	4P	6.7	38873	221					171	1.25	7.6					33948	193	171					1.45	9	28671	163	171			1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00			9.2	27967	159	135	1.10			11	23746	135	135	1.30			12	20756	118	135	1.50			8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69	171	2.00			13	20848	112.60	171	2.22			14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50	27	10052	54.29	85			1.70	31	8663	46.79	83	1.95	39			7040	38.02	81	2.40	47			5795	31.30	78			3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25	31	8854			47.82	61	1.40	37	7441	40.19	61			1.65	40			6723	36.31	60			1.85	47			5818			31.42			59			2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74			36	1.85	88	3099	16.74	35	2.20			41	8236	36.31			56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50															
123	2220	11.99	20	1.65	141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261			158	0.85	GK189R109 GKA189R109	4P	6.7					38873	221	171					1.25	7.6	33948					193	171	1.45	9	28671			163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180			135	1.00	9.2	27967	159			135	1.10	11	23746	135			135	1.30	12	20756	118			135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21			171	1.55	10	26771	144.59			171	1.75	11	24013	129.69			171	2.00	13	20848	112.60			171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86			135	1.85	19	14468	78.14			135	2.10	22	12605	68.08			135	2.40	24	11246	60.74			135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65			88	1.00	18	14766	79.75			88	1.15	21	13031	70.38			87	1.30	24	11298	61.02			86	1.50	27	10052	54.29	85	1.70	31	8663			46.79	83	1.95	39	7040	38.02	81			2.40	47	5795	31.30	78			3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60			61	1.05	27	10011	54.07			61	1.25	31	8854	47.82	61	1.40			37	7441	40.19	61	1.65	40	6723			36.31	60	1.85	47	5818	31.42	59			2.10	53			5134			27.73			58			2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36	1.00	47	5792	31.28			34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65	4186	22.61			36	1.65	74	3655	19.74			36	1.85	88			3099	16.74	35	2.20	41	8236	36.31			56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																				
141	1927	10.41	19	1.40	169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261			158	0.85	GK189R109 GKA189R109			4P	6.7			38873					221	171	1.25					7.6	33948	193	171	1.45			9	28671	163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180			135	1.00	9.2			27967	159	135	1.10	11			23746	135	135	1.30	12			20756	118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21			171	1.55	10			26771	144.59	171	1.75	11			24013	129.69	171	2.00	13			20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86			135	1.85	19			14468	78.14	135	2.10	22			12605	68.08	135	2.40	24			11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65			88	1.00	18			14766	79.75	88	1.15	21			13031	70.38	87	1.30	24			11298	61.02	86	1.50	27			10052	54.29	85	1.70	31	8663	46.79	83	1.95			39	7040	38.02	81	2.40	47	5795			31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60			61	1.05	27			10011	54.07	61	1.25	31			8854	47.82	61	1.40	37	7441	40.19			61	1.65	40	6723	36.31	60	1.85			47	5818	31.42	59	2.10	53	5134			27.73	58	2.40	61	4434			23.95			57			2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36	1.00	47			5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65			4186	22.61	36	1.65	74			3655	19.74	36	1.85	88			3099	16.74	35			2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																									
169	1613	8.71	18	1.55	30kW							37kW							5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261			158	0.85	GK189R109 GKA189R109			4P	6.7					38873			221					171	1.25	7.6	33948	193			171	1.45	9	28671	163	171	1.70	6.9	37466	213	135	0.85	7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180			135	1.00	9.2			27967	159	135			1.10	11	23746	135	135			1.30	12	20756	118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21			171	1.55	10			26771	144.59	171			1.75	11	24013	129.69	171			2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86			135	1.85	19			14468	78.14	135			2.10	22	12605	68.08	135			2.40	24	11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65			88	1.00	18			14766	79.75	88			1.15	21	13031	70.38	87			1.30	24	11298	61.02	86			1.50	27	10052	54.29	85			1.70	31	8663	46.79	83	1.95	39	7040	38.02			81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60			61	1.05	27			10011	54.07	61			1.25	31	8854	47.82	61			1.40	37	7441	40.19	61	1.65	40			6723	36.31	60	1.85	47	5818	31.42			59	2.10	53	5134	27.73	58	2.40			61	4434	23.95	57	2.80			69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36	1.00	47			5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65			4186	22.61	36			1.65	74	3655	19.74	36			1.85	88	3099	16.74	35			2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																														
30kW							37kW																																																																																																																																																																																																																																																																																																																																																																																																																																																													
5.6	45909	261	171	1.05	GK189R109 GKA189R109	4P	5.7	56238	261	158	0.85	GK189R109 GKA189R109	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																							
6.7	38873	221	171	1.25			7.6	33948	193	171	1.45			9	28671	163	171	1.70	6.9	37466	213	135	0.85			7.2	36059	205			135	0.85		GK169R109 GKA169R109	4P		8.2		31661	180		135	1.00	9.2	27967	159	135	1.10	11	23746	135	135	1.30	12	20756	118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55	10	26771	144.59			171	1.75	11			24013	129.69	171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268			87.86	135	1.85			19	14468	78.14	135	2.10	22	12605	68.08	135	2.40	24	11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00	18	14766	79.75	88	1.15	21	13031	70.38	87	1.30	24			11298	61.02	86			1.50	27	10052	54.29	85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P			23	11591	62.60			61	1.05	27			10011	54.07	61			1.25	31	8854	47.82	61			1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109			4P	40	6851			37.00	36	1.00			47	5792	31.28			34	1.10	51	5368	28.99			36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65	4186	22.61	36	1.65			74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48			2.80	138	2441			10.76	46	3.10			170	1971	8.69	44	3.50																																																																																															
7.6	33948	193	171	1.45			9	28671	163	171	1.70			6.9	37466	213	135	0.85	7.2	36059	205	135	0.85			GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00					9.2	27967	159	135	1.10	11	23746	135	135	1.30	12	20756	118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75	11	24013	129.69			171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468			78.14	135	2.10	22	12605	68.08	135	2.40	24	11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15	21	13031	70.38	87	1.30	24	11298	61.02	86	1.50	27			10052	54.29	85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05					27	10011	54.07			61	1.25	31			8854	47.82	61			1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00					47	5792			31.28	34	1.10			51	5368	28.99			36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56			4871	26.31			36	1.40	65			4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46			3.10	170	1971			8.69	44	3.50																																																																																																						
9	28671	163	171	1.70			6.9	37466	213	135	0.85			7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00			9.2	27967	159	135	1.10	11			23746	135	135	1.30	12	20756	118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69	171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40	24	11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30	24	11298	61.02	86	1.50	27	10052	54.29	85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25					31	8854	47.82			61	1.40	37			7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10					51	5368			28.99	36	1.25			GK109 GKF109 GKA109 GKAF109	4P	56			4871	26.31			36			1.40	65			4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44			3.50																																																																																																													
6.9	37466	213	135	0.85			7.2	36059	205	135	0.85			GK169R109 GKA169R109	4P	8.2	31661	180			135	1.00	9.2	27967	159			135	1.10	11	23746	135	135			1.30	12	20756	118	135	1.50	8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9			30589	165.21	171	1.55	10			26771	144.59	171	1.75	11			24013	129.69	171	2.00	13	20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169			4P	17	16268	87.86	135			1.85	19	14468	78.14	135			2.10	22	12605	68.08	135	2.40	24	11246	60.74	135	2.70	15	18556	100.22	88			0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969			91.65	88	1.00	18	14766			79.75	88	1.15	21	13031	70.38	87	1.30	24	11298	61.02	86	1.50	27	10052	54.29	85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137			70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P			23	11591	62.60	61	1.05					27	10011	54.07			61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838			42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P			40	6851	37.00	36	1.00	47			5792	31.28	34			1.10	51	5368					28.99			36	1.25			GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																												
7.2	36059	205	135	0.85	GK169R109 GKA169R109	4P	8.2	31661	180	135	1.00	9.2	27967			159	135	1.10			11	23746	135	135	1.30			12	20756	118	135	1.50	8.2			33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10			26771	144.59	171	1.75	11			24013	129.69	171	2.00	13			20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86					135	1.85	19	14468			78.14	135	2.10	22	12605			68.08	135	2.40	24	11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P			16			16969	91.65			88	1.00	18	14766	79.75			88	1.15	21	13031	70.38	87	1.30	24	11298	61.02	86	1.50	27	10052	54.29	85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95			61	0.95	GK129 GKF129 GKA129 GKAF129					4P	23	11591	62.60	61					1.05	27	10011	54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33			34	0.90	GK109 GKF109 GKA109 GKAF109			4P	40	6851	37.00	36	1.00	47	5792			31.28	34	1.10			51	5368	28.99					36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56					4871	26.31	36			1.40	65	4186	22.61	36	1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																													
8.2	31661	180	135	1.00			9.2	27967	159	135	1.10	11	23746			135	135	1.30			12	20756	118	135	1.50			8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11			24013	129.69	171	2.00	13			20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14					135	2.10	22	12605			68.08	135	2.40	24	11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00					18			14766	79.75			88	1.15	21	13031	70.38			87	1.30	24	11298	61.02	86	1.50	27	10052	54.29	85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23			11591	62.60							61	1.05	27	10011			54.07	61	1.25	31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00					47	5792	31.28	34	1.10	51	5368			28.99	36	1.25			GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40			65					4186	22.61	36			1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																		
9.2	27967	159	135	1.10			11	23746	135	135	1.30	12	20756			118	135	1.50			8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69	171	2.00			13			20848	112.60	171	2.22	14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08					135	2.40	24	11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15					21			13031	70.38			87	1.30	24	11298	61.02			86	1.50	27	10052	54.29	85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60			61			1.05	27							10011	54.07	61	1.25			31	8854	47.82	61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40			6851	37.00	36	1.00	47		5792	31.28		34	1.10	51	5368	28.99	36	1.25			GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65			4186	22.61			36					1.65	74	3655	19.74	36	1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																							
11	23746	135	135	1.30			12	20756	118	135	1.50	8.2	33302			179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69	171	2.00			13	20848	112.60	171	2.22			14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74		135	2.70		15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30					24			11298	61.02			86	1.50	27	10052	54.29			85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60			61	1.05	27			10011			54.07	61							1.25	31	8854	47.82			61	1.40	37	7441	40.19	61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40			6851			37.00	36	1.00	47	5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65			4186	22.61	36			1.65	74			3655	19.74	36			1.85	88	3099	16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																												
12	20756	118	135	1.50			8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69	171	2.00			13	20848	112.60	171	2.22			14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50					27			10052	54.29			85	1.70	31	8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07			61	1.25	31			8854			47.82	61							1.40	37	7441	40.19			61	1.65	40	6723	36.31	60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36			1.00	47	5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65			4186	22.61	36			1.65	74	3655	19.74	36	1.85	88			3099	16.74	35			2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																	
8.2	33302	179.86	171	1.45	GK189 GKA189	4P	8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69	171	2.00			13	20848	112.60	171	2.22			14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70					31			8663	46.79	83	1.95	39	7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82			61	1.40	37			7441			40.19	61							1.65	40	6723	36.31			60	1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36	1.00	47			5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65			4186	22.61	36			1.65	74	3655			19.74	36	1.85	88	3099	16.74	35			2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																						
8.9	30589	165.21	171	1.55			10	26771	144.59	171	1.75			11	24013	129.69	171	2.00			13	20848	112.60	171	2.22			14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70			31	8663	46.79	83	1.95			39	7040	38.02			81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19			61	1.65	40			6723			36.31	60							1.85	47	5818	31.42	59	2.10	53	5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28			34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61			36	1.65	74			3655	19.74	36			1.85	88	3099			16.74	35	2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																													
10	26771	144.59	171	1.75			11	24013	129.69	171	2.00			13	20848	112.60	171	2.22			14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70			31	8663	46.79	83	1.95			39	7040	38.02	81	2.40			47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19	61	1.65			40	6723	36.31			60	1.85	47			5818			31.42	59				2.10	53		5134	27.73	58	2.40	61	4434	23.95	57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74			36	1.85	88			3099	16.74	35			2.20	41	8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																				
11	24013	129.69	171	2.00			13	20848	112.60	171	2.22			14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70			31	8663	46.79	83	1.95			39	7040	38.02	81	2.40			47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19	61	1.65			40	6723	36.31	60	1.85			47	5818	31.42			59	2.10	53			5134	27.73	58	2.40	61				4434	23.95		57	2.80	69	3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74			35	2.20	41			8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																											
13	20848	112.60	171	2.22			14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70			31	8663	46.79	83	1.95			39	7040	38.02	81	2.40			47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19	61	1.65			40	6723	36.31	60	1.85			47	5818	31.42	59	2.10			53	5134	27.73			58	2.40	61			4434	23.95	57	2.80	69		3922	21.18	56	3.00		35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31			56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																		
14	18915	102.16	171	2.30	17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86	135	1.85			19	14468	78.14	135	2.10			22	12605	68.08	135	2.40			24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70			31	8663	46.79	83	1.95			39	7040	38.02	81	2.40			47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19	61	1.65			40	6723	36.31	60	1.85			47	5818	31.42	59	2.10			53	5134	27.73	58	2.40			61	4434	23.95			57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																									
17	16293	88.00	171	2.50	13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86			135	1.85	19	14468	78.14			135	2.10	22	12605	68.08			135	2.40	24	11246	60.74			135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65			88	1.00	18	14766	79.75			88	1.15	21	13031	70.38			87	1.30	24	11298	61.02			86	1.50	27	10052	54.29			85	1.70	31	8663	46.79			83	1.95	39	7040	38.02			81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60			61	1.05	27	10011	54.07			61	1.25	31	8854	47.82			61	1.40	37	7441	40.19			61	1.65	40	6723	36.31			60	1.85	47	5818	31.42			59	2.10	53	5134	27.73			58	2.40	61	4434	23.95			57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36	1.00	47	5792	31.28			34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65	4186	22.61			36	1.65	74	3655	19.74			36	1.85	88	3099	16.74			35	2.20	41	8236	36.31			56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																														
13	20335	109.83	135	1.50	GK169 GKA169	4P	17	16268	87.86			135	1.85	19			14468	78.14	135	2.10	22			12605	68.08	135	2.40	24			11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65			88	1.00	18			14766	79.75	88	1.15	21			13031	70.38	87	1.30	24			11298	61.02	86	1.50	27			10052	54.29	85	1.70	31			8663	46.79	83	1.95	39			7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60			61	1.05	27			10011	54.07	61	1.25	31			8854	47.82	61	1.40	37			7441	40.19	61	1.65	40			6723	36.31	60	1.85	47			5818	31.42	59	2.10	53			5134	27.73	58	2.40	61			4434	23.95	57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00			36	1.00	47			5792	31.28	34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31			36	1.40	65			4186	22.61	36	1.65	74			3655	19.74	36	1.85	88			3099	16.74	35	2.20	41			8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																			
17	16268	87.86	135	1.85			19	14468	78.14			135	2.10	22			12605	68.08	135	2.40	24			11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75			88	1.15	21			13031	70.38	87	1.30	24			11298	61.02	86	1.50	27			10052	54.29	85	1.70	31			8663	46.79	83	1.95	39			7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07			61	1.25	31			8854	47.82	61	1.40	37			7441	40.19	61	1.65	40			6723	36.31	60	1.85	47			5818	31.42	59	2.10	53			5134	27.73	58	2.40	61			4434	23.95	57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28			34	1.10	51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61			36	1.65	74			3655	19.74	36	1.85	88			3099	16.74	35	2.20	41			8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																										
19	14468	78.14	135	2.10			22	12605	68.08			135	2.40	24			11246	60.74	135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38			87	1.30	24			11298	61.02	86	1.50	27			10052	54.29	85	1.70	31			8663	46.79	83	1.95	39			7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82			61	1.40	37			7441	40.19	61	1.65	40			6723	36.31	60	1.85	47			5818	31.42	59	2.10	53			5134	27.73	58	2.40	61			4434	23.95	57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74			36	1.85	88			3099	16.74	35	2.20	41			8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																	
22	12605	68.08	135	2.40			24	11246	60.74			135	2.70	15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02			86	1.50	27			10052	54.29	85	1.70	31			8663	46.79	83	1.95	39			7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19			61	1.65	40			6723	36.31	60	1.85	47			5818	31.42	59	2.10	53			5134	27.73	58	2.40	61			4434	23.95	57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74			35	2.20	41			8236	36.31	56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																								
24	11246	60.74	135	2.70			15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29			85	1.70	31			8663	46.79	83	1.95	39			7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19	61	1.65			40	6723	36.31			60	1.85	47			5818	31.42	59	2.10	53			5134	27.73	58	2.40	61			4434	23.95	57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31			56	1.50	47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																															
15	18556	100.22	88	0.90	GK159 GKF159 GKA159 GKAF159	4P	16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70			31	8663	46.79			83	1.95	39			7040	38.02	81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19	61	1.65			40	6723	36.31	60	1.85			47	5818	31.42			59	2.10	53			5134	27.73	58	2.40	61			4434	23.95	57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																						
16	16969	91.65	88	1.00			18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70			31	8663	46.79	83	1.95			39	7040	38.02			81	2.40	47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19	61	1.65			40	6723	36.31	60	1.85			47	5818	31.42	59	2.10			53	5134	27.73			58	2.40	61			4434	23.95	57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																													
18	14766	79.75	88	1.15			21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70			31	8663	46.79	83	1.95			39	7040	38.02	81	2.40			47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19	61	1.65			40	6723	36.31	60	1.85			47	5818	31.42	59	2.10			53	5134	27.73	58	2.40			61	4434	23.95			57	2.80	69			3922	21.18	56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																				
21	13031	70.38	87	1.30			24	11298	61.02	86	1.50			27	10052	54.29	85	1.70			31	8663	46.79	83	1.95			39	7040	38.02	81	2.40			47	5795	31.30	78	3.00	21	13137	70.95	61	0.95	GK129 GKF129 GKA129 GKAF129	4P	23	11591	62.60	61	1.05			27	10011	54.07	61	1.25			31	8854	47.82	61	1.40			37	7441	40.19	61	1.65			40	6723	36.31	60	1.85			47	5818	31.42	59	2.10			53	5134	27.73	58	2.40			61	4434	23.95	57	2.80			69	3922	21.18			56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																											
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53	5134	27.73	58	2.40			61	4434	23.95			57	2.80	69	3922	21.18			56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																				
61	4434	23.95	57	2.80			69	3922	21.18			56	3.00	35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																											
69	3922	21.18	56	3.00			35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																		
35	7838	42.33	34	0.90	GK109 GKF109 GKA109 GKAF109	4P	40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																									
40	6851	37.00	36	1.00			47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																
47	5792	31.28	34	1.10			51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																							
51	5368	28.99	36	1.25	GK109 GKF109 GKA109 GKAF109	4P	56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																														
56	4871	26.31	36	1.40			65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																					
65	4186	22.61	36	1.65			74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																												
74	3655	19.74	36	1.85			88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																			
88	3099	16.74	35	2.20			41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																										
41	8236	36.31	56	1.50			47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																	
47	7126	31.42	56	1.70	53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																								
53	6290	27.73	55	1.95	62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																													
62	5432	23.95	54	2.30	70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																																		
70	4804	21.18	53	2.60	83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																																							
83	4037	17.80	52	3.00	103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																																												
103	3262	14.38	50	3.50	116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																																																	
116	2905	12.81	48	2.80	138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																																																						
138	2441	10.76	46	3.10	170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																																																											
170	1971	8.69	44	3.50																																																																																																																																																																																																																																																																																																																																																																																																																																																																

选型参数表
(恒功率)Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole			
37kW							45kW									
40	8392	37.00	28	0.80			51	7997	28.99	24	0.85	GK109				
47	7095	31.28	30	0.90			56	7258	26.31	27	0.95	GKF109	4P			
51	6575	28.99	32	1.05			65	6237	22.61	29	1.10	GKA109				
56	5967	26.31	33	1.15			75	5445	19.74	30	1.25	GKAF109				
65	5128	22.61	33	1.30	GK109	4P	88	4618	16.74	30	1.45					
75	4477	19.74	33	1.50	GKF109		101	4036	14.63	30	1.60	GK109	4P			
88	3797	16.74	33	1.75	GKA109		110	3705	13.43	28	1.10	GKF109				
101	3318	14.63	32	1.95	GKAF109		126	3233	11.72	28	1.25	GKA109				
110	3046	13.43	31	1.35				149	2742	9.94	28	1.45		GKAF109		
126	2658	11.72	30	1.55				170	2397	8.69	28	1.60				
149	2255	9.94	30	1.75				55kW								
170	1971	8.69	29	1.95				10	48749	144.59	169	0.95				
45kW							11	43725	129.69	171	1.10					
6.7	57915	221	155	0.85	GK189R109	4P	13	37964	112.60	171	1.15	GK189	4P			
7.7	50578	193	167	0.95	GKA189R109		14	34444	102.16	170	1.25					
9	42716	163	171	1.15												
11	35378	135	135	0.85	GK169R109	4P	17	29670	88.00	168	1.35					
13	30923	118	135	1.00	GKA169R109		20	24936	73.96	166	1.60					
8	47134	179.86	167	0.95			23	21591	64.04	162	1.90					
9	43295	165.21	171	1.05			17	29622	87.86	131	1.00					
10	37891	144.59	171	1.20			19	26345	78.14	130	1.15					
11	33987	129.69	171	1.30	GK189	4P	22	22953	68.08	129	1.30	GK169	4P			
13	29508	112.60	171	1.45			GKA189	24	20479	60.74	128			1.50	GKA169	
14	26772	102.16	171	1.50				29	17454	51.77	125	1.75				
17	23061	88.00	171	1.65				34	14464	42.90	121	2.10				
20	19382	73.96	171	1.95				40	12343	36.61	119	2.50				
13	28782	109.83	135	1.00				24	20573	61.02	66	0.85				
17	23025	87.86	135	1.25				27	18304	54.29	67	0.95				
19	20477	78.14	135	1.40	GK169		4P	32	15775	46.79	68	1.10		GK159	4P	
22	17841	68.08	135	1.60		GKA169		39	12819	38.02	68	1.35	GKF159			
24	15918	60.74	134	1.80				47	10553	31.30	67	1.60	GKA159			
29	13567	51.77	130	2.10				54	9312	27.62	67	1.85	GKAF159			
34	11242	42.90	127	2.60				62	8075	23.95	66	2.10				
21	19415	70.38	73	0.85				69	7185	21.31	65	2.40				
24	16833	61.02	74	1.00				81	6194	18.37	64	2.80				
27	14976	54.29	74	1.15				99	5030	14.92	62	3.40				
32	12907	46.79	74	1.30	GK159	4P	117	4268	12.66	60	3.80					
39	10488	38.02	73	1.60			GKF159	37	13550	40.19	45	0.90	GK129	4P		
47	8634	31.30	72	1.95	GKA159		47	10593	31.42	47	1.15	GKF129				
54	7619	27.62	71	2.20	GKAF159		53	9349	27.73	47	1.30	GKA129				
62	6607	23.95	69	2.60								GKAF129				
69	5878	21.31	68	2.90				62	8075	23.95	47	1.55				
81	5067	18.37	66	3.30				70	7141	21.18	47	1.75	GK129	4P		
31	13191	47.82	50	0.95	GK129		4P	83	6001	17.80	47	2.00			GKF129	
37	11087	40.19	51	1.10		GKF129		103	4848	14.38	46	2.40	GKA129			
41	10016	36.31	51	1.25	GKA129	116		4319	12.81	44	1.85	GKAF129				
					GKAF129		138	3628	10.76	43	2.10					
47	8667	31.42	52	1.40			170	2930	8.69	41	2.30					
53	7649	27.73	51	1.60			75kW									
62	6607	23.95	51	1.85			11	59626	129.69	148	0.80					
70	5843	21.18	51	2.10	GK129	4P	13	51768	112.60	149	0.90					
83	4910	17.80	50	2.50			GKF129	14	46969	102.16	150	1.00	GK189	4P		
103	3967	14.38	48	2.90	GKA129		17	40458	88.00	150	1.15	GKA189				
116	3534	12.81	46	2.30	GKAF129				20	34003	73.96	149	1.40			
138	2968	10.76	45	2.50				23	29443	64.04	147	1.60				
170	2397	8.69	43	2.80				28	24533	53.36	144	1.95				
								33	20919	45.50	141	2.30				

**选型参数表
(恒功率)**

**Selection Table
(Constant Power)**

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
75kW							90kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
19	35925	78.14	113	0.85	GK169 GKA169	4P	62	13125	23.95	35	0.95	GK129 GKF129 GKA129 GKAF129	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
22	31300	68.08	114	0.95			24	27926	60.74	115	1.10			29	23802	51.77	114	1.30	34	19723	42.90	113	1.55	40	16832	36.61	111	1.80	46	14781	32.15	109	2.10	52	13186	28.68	107	2.30	61	11241	24.45	105	2.70	39	17480	38.02	58	1.00	GK159 GKF159 GKA159 GKAF159	4P	110kW							47	14390	31.30	59	1.20	54	12698	27.62	59	1.35	62	11011	23.95	59	1.55	69	9797	21.31	59	1.75	81	8446	18.37	59	2.00	99	6860	14.92	57	2.50	117	5820	12.66	56	2.80	47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17	58941	88.00	122	0.80	GK189 GKA189	4P	53	12749	27.73	39	0.95	62	11011	23.95	40	1.10	70	9738	21.18	41	1.25	83	8184	17.80	41	1.50	103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70	29	34675	51.77	95	0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05	41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95	1.85	74	13570	20.26	94	2.20	86	11581	17.29	92	2.60	62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10	81	12304	18.37	50	1.15	100	9993	14.92	50	1.26	118	8479	12.66	50	1.35	90kW							132kW							15	55984	102.16	136	0.85	GK189 GKA189	4P	20	59444	73.96	111	0.80	GK189 GKA189	4P	17	48224	88.00	138	1.00	20	40530	73.96	139	1.15	23	35094	64.04	138	1.35	28	29241	53.36	137	1.60	33	24934	45.50	134	1.90	35	23296	42.51	134	2.00	39	21136	38.57	134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61	13399	24.45	101	2.30	74	11103	20.26	98	2.70	86	9475	17.29	95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																									
24	27926	60.74	115	1.10			29	23802	51.77	114	1.30			34	19723	42.90	113	1.55	40	16832	36.61	111	1.80	46	14781	32.15	109	2.10	52	13186	28.68	107	2.30	61	11241	24.45	105	2.70	39	17480	38.02	58	1.00	GK159 GKF159 GKA159 GKAF159	4P	110kW							47	14390	31.30	59	1.20	54	12698	27.62	59	1.35	62	11011	23.95	59	1.55	69	9797	21.31	59	1.75	81	8446	18.37	59	2.00	99	6860	14.92	57	2.50	117	5820	12.66	56	2.80	47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17	58941	88.00			122	0.80	GK189 GKA189	4P	53			12749	27.73	39	0.95	62	11011	23.95	40	1.10	70	9738	21.18	41	1.25	83	8184	17.80	41	1.50	103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70	29	34675	51.77	95	0.85	GK169 GKA169			4P	35	28734	42.90	97	1.05	41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95	1.85	74	13570	20.26	94	2.20	86	11581	17.29	92	2.60	62	16041	23.95	48			1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10	81	12304	18.37	50	1.15	100	9993	14.92	50	1.26	118	8479	12.66	50	1.35	90kW							132kW							15	55984			102.16	136	0.85	GK189 GKA189	4P			20	59444	73.96	111	0.80	GK189 GKA189	4P	17	48224	88.00	138	1.00	20	40530	73.96	139	1.15	23	35094	64.04	138	1.35	28	29241	53.36	137	1.60	33	24934	45.50	134	1.90	35	23296	42.51	134	2.00	39	21136	38.57			134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61	13399	24.45	101	2.30	74	11103	20.26	98	2.70	86			9475	17.29	95	3.20	39			20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																												
29	23802	51.77	114	1.30			34	19723	42.90	113	1.55			40	16832	36.61	111	1.80	46	14781	32.15	109	2.10	52	13186	28.68	107	2.30	61	11241	24.45	105	2.70	39	17480	38.02	58	1.00	GK159 GKF159 GKA159 GKAF159	4P	110kW							47			14390	31.30	59	1.20	54	12698	27.62	59	1.35	62	11011	23.95	59	1.55	69	9797	21.31	59	1.75	81	8446	18.37	59	2.00	99	6860	14.92	57	2.50	117	5820	12.66	56	2.80	47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17			58941	88.00	122			0.80	GK189 GKA189			4P			53	12749	27.73	39	0.95	62	11011	23.95	40	1.10	70	9738	21.18	41	1.25	83	8184	17.80	41	1.50	103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70	29	34675	51.77	95					0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05	41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95	1.85	74	13570	20.26	94	2.20	86	11581	17.29	92	2.60	62			16041			23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10	81	12304	18.37	50	1.15	100	9993	14.92	50	1.26	118	8479	12.66	50	1.35	90kW							132kW							15	55984					102.16	136	0.85	GK189 GKA189	4P			20	59444	73.96	111	0.80	GK189 GKA189	4P	17	48224	88.00	138	1.00	20	40530	73.96	139	1.15	23	35094	64.04	138	1.35	28	29241	53.36	137	1.60	33	24934	45.50	134	1.90	35			23296	42.51	134	2.00	39	21136	38.57			134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61	13399			24.45	101	2.30	74	11103			20.26	98	2.70	86			9475	17.29	95	3.20	39			20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																															
34	19723	42.90	113	1.55			40	16832	36.61	111	1.80			46	14781	32.15	109	2.10	52	13186	28.68	107	2.30	61	11241	24.45	105	2.70	39	17480	38.02	58	1.00	GK159 GKF159 GKA159 GKAF159	4P	110kW							47			14390	31.30	59			1.20	54	12698	27.62	59	1.35	62	11011	23.95	59	1.55	69	9797	21.31	59	1.75	81	8446	18.37	59	2.00	99	6860	14.92	57	2.50	117	5820	12.66	56	2.80	47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17			58941			88.00	122	0.80			GK189 GKA189							4P	53	12749	27.73	39	0.95	62	11011	23.95	40	1.10	70	9738	21.18	41	1.25	83	8184	17.80	41	1.50	103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70	29	34675	51.77					95			0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05	41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95	1.85	74	13570	20.26	94	2.20	86	11581	17.29			92			2.60	62	16041			23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10	81	12304	18.37	50	1.15	100	9993	14.92	50	1.26	118	8479	12.66	50	1.35	90kW								132kW							15	55984	102.16					136	0.85	GK189 GKA189	4P	20			59444	73.96	111	0.80	GK189 GKA189	4P	17	48224	88.00	138	1.00	20	40530	73.96	139	1.15	23	35094	64.04	138	1.35	28	29241	53.36	137	1.60			33	24934	45.50	134	1.90	35	23296			42.51	134	2.00	39	21136	38.57	134			2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104			1.70	52	15717	28.68	103			1.90	61	13399	24.45			101	2.30	74	11103	20.26			98	2.70	86	9475			17.29	95	3.20	39	20835			38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																			
40	16832	36.61	111	1.80			46	14781	32.15	109	2.10			52	13186	28.68	107	2.30	61	11241	24.45	105	2.70	39	17480	38.02	58	1.00	GK159 GKF159 GKA159 GKAF159	4P	110kW							47			14390	31.30	59			1.20	54	12698			27.62	59	1.35	62	11011	23.95	59	1.55	69	9797	21.31	59	1.75	81	8446	18.37	59	2.00	99	6860	14.92	57	2.50	117	5820	12.66	56	2.80	47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17			58941			88.00			122	0.80	GK189 GKA189											4P	53	12749	27.73	39	0.95	62	11011	23.95	40	1.10	70	9738	21.18	41	1.25	83	8184	17.80	41	1.50	103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70	29	34675					51.77			95			0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05	41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95	1.85	74	13570	20.26	94	2.20			86			11581	17.29	92			2.60	62	16041			23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10	81	12304	18.37	50	1.15	100	9993	14.92	50	1.26	118	8479	12.66	50	1.35	90kW										132kW							15	55984			102.16			136	0.85	GK189 GKA189	4P			20	59444	73.96	111	0.80	GK189 GKA189	4P	17	48224	88.00	138	1.00	20	40530	73.96	139	1.15	23	35094	64.04			138	1.35	28	29241	53.36	137	1.60			33	24934	45.50	134	1.90	35	23296			42.51	134	2.00	39	21136	38.57			134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30			41	20062	36.61	105	1.50			46	17618	32.15	104			1.70	52	15717	28.68	103			1.90	61	13399	24.45			101	2.30	74	11103	20.26			98	2.70	86			9475	17.29	95	3.20	39			20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																						
46	14781	32.15	109	2.10			52	13186	28.68	107	2.30			61	11241	24.45	105	2.70	39	17480	38.02	58	1.00	GK159 GKF159 GKA159 GKAF159	4P	110kW							47			14390	31.30	59			1.20	54	12698			27.62	59	1.35			62	11011	23.95	59	1.55	69	9797	21.31	59	1.75	81	8446	18.37	59	2.00	99	6860	14.92	57	2.50	117	5820	12.66	56	2.80	47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17			58941			88.00			122			0.80	GK189 GKA189													4P	53	12749	27.73	39	0.95	62	11011	23.95	40	1.10	70	9738	21.18	41	1.25	83	8184	17.80	41	1.50	103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70	29					34675			51.77			95			0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05	41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95	1.85	74	13570			20.26			94	2.20	86			11581	17.29	92			2.60	62	16041			23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10	81	12304	18.37	50	1.15	100	9993	14.92	50	1.26	118			8479	12.66	50					1.35	90kW							132kW							15					55984	102.16	136	0.85	GK189 GKA189			4P	20	59444	73.96	111	0.80	GK189 GKA189	4P	17	48224	88.00	138	1.00			20	40530	73.96	139	1.15	23	35094			64.04	138	1.35	28	29241	53.36	137			1.60	33	24934	45.50	134	1.90			35	23296	42.51	134	2.00	39	21136			38.57	134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90			29	28370	51.77	106	1.05			35	23509	42.90	106			1.30	41	20062	36.61	105			1.50	46	17618	32.15			104	1.70	52	15717	28.68			103	1.90	61			13399	24.45	101	2.30	74			11103	20.26	98	2.70			86	9475	17.29	95	3.20			39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																								
52	13186	28.68	107	2.30			61	11241	24.45	105	2.70			39	17480	38.02	58	1.00	GK159 GKF159 GKA159 GKAF159	4P	110kW							47			14390	31.30	59			1.20	54	12698			27.62	59	1.35			62	11011	23.95			59	1.55	69	9797	21.31	59	1.75	81	8446	18.37	59	2.00	99	6860	14.92	57	2.50	117	5820	12.66	56	2.80	47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17			58941			88.00			122			0.80			GK189 GKA189															4P	53	12749	27.73	39	0.95	62	11011	23.95	40	1.10	70	9738	21.18	41	1.25	83	8184	17.80	41	1.50	103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70					29			34675			51.77			95			0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05	41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95			1.85			74	13570	20.26			94	2.20	86			11581	17.29	92			2.60	62	16041			23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10	81	12304	18.37	50	1.15	100			9993	14.92	50					1.26	118	8479					12.66	50			1.35			90kW							132kW							15	55984	102.16	136	0.85			GK189 GKA189	4P	20	59444	73.96			111	0.80	GK189 GKA189	4P	17	48224	88.00			138	1.00	20	40530	73.96	139	1.15			23	35094	64.04	138	1.35	28			29241	53.36	137	1.60	33	24934	45.50			134	1.90	35	23296	42.51	134	2.00	39			21136	38.57	134	2.20	22			37308	68.08	104	0.80	GK169 GKA169			4P	25	33286	60.74			105	0.90	29	28370	51.77			106	1.05	35	23509			42.90	106	1.30	41	20062			36.61	105	1.50			46	17618	32.15	104	1.70			52	15717	28.68	103			1.90	61	13399	24.45	101			2.30	74	11103	20.26	98			2.70	86	9475	17.29	95			3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																									
61	11241	24.45	105	2.70			39	17480	38.02	58	1.00			GK159 GKF159 GKA159 GKAF159	4P	110kW							47			14390	31.30	59			1.20	54	12698			27.62	59	1.35			62	11011	23.95			59	1.55	69			9797	21.31	59	1.75	81	8446	18.37	59	2.00	99	6860	14.92	57	2.50	117	5820	12.66	56	2.80	47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17			58941			88.00			122			0.80			GK189 GKA189																			4P	53	12749	27.73	39	0.95	62	11011	23.95	40	1.10	70	9738	21.18	41	1.25	83	8184	17.80	41	1.50	103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38					1.70			29			34675			51.77			95			0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05	41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97	1.55	61			16376			24.45	95	1.85			74	13570	20.26			94	2.20	86			11581	17.29	92			2.60	62	16041			23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10	81			12304	18.37	50					1.15	100	9993					14.92	50			1.26			118	8479					12.66	50	1.35	90kW							132kW							15	55984	102.16			136	0.85			GK189 GKA189	4P	20			59444	73.96	111	0.80	GK189 GKA189	4P	17			48224	88.00	138	1.00	20	40530			73.96	139	1.15	23	35094	64.04	138			1.35	28	29241	53.36	137	1.60	33	24934			45.50	134	1.90	35	23296			42.51	134	2.00	39					21136	38.57	134			2.20	22	37308	68.08	104			0.80	GK169 GKA169	4P	25			33286	60.74	105	0.90	29			28370	51.77	106			1.05	35	23509	42.90	106			1.30	41	20062	36.61			105	1.50	46	17618	32.15			104	1.70	52	15717	28.68			103	1.90	61	13399	24.45			101	2.30	74	11103	20.26	98			2.70	86	9475	17.29	95			3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20										
39	17480	38.02	58	1.00			GK159 GKF159 GKA159 GKAF159	4P	110kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
47	14390	31.30	59	1.20	54	12698			27.62	59	1.35	62	11011			23.95	59	1.55			69	9797	21.31			59	1.75	81			8446	18.37	59			2.00	99	6860			14.92	57	2.50			117	5820	12.66			56	2.80	47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17	58941	88.00	122	0.80	GK189 GKA189	4P	53	12749	27.73	39	0.95	62	11011	23.95			40			1.10			70			9738			21.18																							41	1.25	83	8184	17.80	41	1.50	103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70	29	34675	51.77	95	0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05					41			24521			36.61			97			1.25			46			21533	32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95	1.85	74	13570	20.26	94	2.20	86	11581			17.29			92	2.60	62			16041	23.95	48			1.05	GK159 GKF159 GKA159 GKAF159	4P			70	14273	21.31			49	1.10	81			12304	18.37	50			1.15	100	9993	14.92	50	1.26			118	8479	12.66					50	1.35	90kW									132kW									15	55984	102.16	136					0.85	GK189 GKA189	4P	20	59444					73.96	111	0.80			GK189 GKA189	4P					17			48224	88.00	138	1.00			20			40530	73.96	139	1.15	23	35094			64.04	138	1.35	28	29241	53.36	137			1.60	33	24934	45.50	134	1.90	35	23296			42.51	134	2.00	39	21136			38.57	134	2.20	22					37308	68.08	104			0.80	GK169 GKA169	4P	25	33286			60.74			105			0.90	29	28370	51.77	106			1.05	35	23509			42.90	106	1.30	41	20062			36.61	105	1.50	46			17618	32.15	104	1.70	52			15717	28.68	103	1.90	61			13399	24.45	101	2.30	74			11103	20.26	98	2.70	86	9475			17.29	95	3.20	39	20835			38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35			34480	42.90	87	0.90	GK169 GKA169			4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20									
54	12698	27.62	59	1.35	62	11011			23.95	59	1.55	69	9797			21.31	59	1.75			81	8446	18.37			59	2.00	99			6860	14.92	57			2.50	117	5820			12.66	56	2.80			47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17	58941	88.00	122	0.80			GK189 GKA189	4P	53	12749	27.73			39	0.95	62	11011	23.95	40	1.10	70			9738			21.18			41			1.25			83									8184	17.80						41	1.50						103	6611	14.38	42	1.75	116	5889	12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70	29	34675	51.77	95	0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05			41	24521	36.61	97	1.25		46	21533		32.15			97			1.40			52			19209			28.68			97	1.55	61	16376	24.45	95	1.85	74	13570	20.26	94	2.20	86	11581	17.29	92	2.60	62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P			70	14273	21.31			49	1.10	81			12304					18.37	50	1.15			100	9993	14.92			50	1.26	118			8479	12.66	50	1.35	90kW									132kW									15	55984			102.16			136	0.85					GK189 GKA189	4P	20	59444					73.96			111	0.80					GK189 GKA189	4P	17	48224	88.00							138			1.00	20	40530	73.96			139			1.15	23	35094	64.04	138	1.35			28	29241	53.36	137	1.60	33	24934			45.50	134	1.90	35	23296	42.51	134	2.00			39	21136	38.57	134	2.20	22	37308	68.08	104	0.80	GK169 GKA169		4P	25		33286	60.74	105			0.90			29	28370			51.77			106			1.05	35	23509	42.90	106			1.30	41	20062			36.61	105	1.50	46	17618			32.15	104	1.70	52			15717	28.68	103	1.90	61			13399	24.45	101	2.30	74			11103	20.26	98	2.70	86			9475	17.29	95	3.20	39	20835			38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P			35	34480	42.90			87			0.90	GK169 GKA169	4P	48					17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20										
62	11011	23.95	59	1.55	69	9797			21.31	59	1.75	81	8446			18.37	59	2.00			99	6860	14.92			57	2.50	117			5820	12.66	56			2.80	47	14446			31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P	17	58941	88.00	122	0.80			GK189 GKA189	4P	53	12749	27.73					39	0.95	62			11011	23.95	40	1.10	70	9738	21.18	41			1.25			83			8184			17.80			41				1.50	103				6611	14.38			42	1.75		116	5889						12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38	1.70	29	34675	51.77	95	0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05			41	24521	36.61	97	1.25			46	21533	32.15	97	1.40	52	19209	28.68	97	1.55			61			16376			24.45			95			1.85			74	13570	20.26	94	2.20	86	11581	17.29	92	2.60	62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10			81	12304	18.37	50	1.15			100	9993	14.92			50					1.26	118	8479			12.66	50	1.35			90kW							132kW							15	55984	102.16	136	0.85	GK189 GKA189	4P	20	59444			73.96	111	0.80	GK189 GKA189			4P			17	48224							88.00	138					1.00			20	40530							73.96	139	1.15							23	35094	64.04	138	1.35	28	29241			53.36			137	1.60	33	24934	45.50	134			1.90	35	23296	42.51	134	2.00	39			21136	38.57	134	2.20	22	37308	68.08	104			0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90	29	28370				51.77		106	1.05	35	23509	42.90	106			1.30	41	20062	36.61	105			1.50			46	17618	32.15	104	1.70			52	15717	28.68			103	1.90	61	13399	24.45			101	2.30	74	11103			20.26	98	2.70	86	9475			17.29	95	3.20	39	20835			38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P			35	34480	42.90	87	0.90	GK169 GKA169			4P	48	17153					31.30	53	1.00			54			15136			27.62					54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																	
69	9797	21.31	59	1.75	81	8446			18.37	59	2.00	99	6860			14.92	57	2.50			117	5820	12.66			56	2.80	47			14446	31.42	37			0.85	GK129 GKF129 GKA129 GKAF129	4P	17	58941	88.00	122	0.80			GK189 GKA189	4P	53	12749	27.73					39	0.95	62					11011	23.95	40			1.10	70	9738	21.18	41	1.25	83	8184			17.80			41			1.50			103			6611	14.38	42		1.75	116				5889	12.81		39	1.40	138	4947	10.76	39						1.55	170	3995	8.69	38	1.70	29	34675	51.77	95	0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05			41	24521	36.61	97	1.25			46	21533	32.15	97	1.40			52	19209	28.68	97	1.55	61	16376	24.45	95	1.85	74	13570	20.26			94			2.20			86			11581			17.29	92	2.60	62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10			81	12304	18.37	50	1.15			100	9993	14.92	50	1.26	118	8479	12.66	50	1.35			90kW							132kW								15	55984	102.16			136	0.85	GK189 GKA189	4P	20	59444	73.96	111	0.80	GK189 GKA189	4P	17	48224	88.00			138	1.00	20	40530	73.96	139	1.15					23	35094	64.04	138							1.35	28					29241			53.36	137							1.60	33	24934							45.50	134	1.90	35	23296	42.51	134			2.00	39	21136	38.57	134	2.20	22	37308	68.08			104	0.80	GK169 GKA169	4P	25	33286	60.74			105	0.90	29	28370	51.77	106	1.05	35			23509			42.90	106	1.30	41	20062	36.61	105				1.50		46	17618	32.15	104	1.70	52			15717	28.68	103	1.90	61			13399	24.45	101	2.30	74	11103	20.26	98	2.70	86	9475	17.29	95			3.20	39	20835	38.02	50			0.80	GK159 GKF159 GKA159 GKAF159	4P	35			34480	42.90	87	0.90	GK169 GKA169			4P	48	17153	31.30	53			1.00	54	15136					27.62	54	1.10	62	13125					23.95	55					1.30	70	11678			21.31			55			1.45					81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																													
81	8446	18.37	59	2.00	99	6860			14.92	57	2.50	117	5820			12.66	56	2.80			47	14446	31.42			37	0.85	GK129 GKF129 GKA129 GKAF129			4P	17	58941	88.00	122	0.80			GK189 GKA189	4P	53	12749	27.73					39	0.95	62					11011	23.95	40					1.10	70	9738			21.18	41	1.25	83	8184	17.80	41	1.50			103			6611			14.38			42	1.75	116	5889	12.81	39		1.40	138				4947	10.76	39	1.55	170	3995	8.69	38	1.70	29					34675	51.77	95	0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05			41	24521	36.61	97	1.25			46	21533	32.15	97	1.40			52	19209	28.68	97	1.55			61	16376	24.45	95	1.85	74	13570	20.26	94	2.20	86	11581	17.29	92	2.60	62			16041			23.95			48			1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10			81	12304	18.37	50	1.15			100	9993	14.92	50	1.26			118	8479	12.66	50	1.35	90kW							132kW							15			55984	102.16	136			0.85	GK189 GKA189	4P			20	59444			73.96	111	0.80	GK189 GKA189	4P			17	48224	88.00			138	1.00	20	40530	73.96	139	1.15		23	35094		64.04	138	1.35	28			29241	53.36			137	1.60					33			24934	45.50							134	1.90	35							23296	42.51	134	2.00	39	21136	38.57			134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105			0.90	29	28370			51.77	106	1.05	35	23509	42.90	106	1.30			41			20062	36.61	105	1.50	46	17618	32.15				104		1.70	52	15717	28.68	103	1.90			61	13399	24.45	101	2.30			74	11103	20.26	98	2.70	86	9475	17.29	95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169			4P			48	17153	31.30	53					1.00	54	15136	27.62			54	1.10	62					13125	23.95	55	1.30	70					11678	21.31					55	1.45	81			10067			18.37			55					1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																	
99	6860	14.92	57	2.50	117	5820			12.66	56	2.80	47	14446			31.42	37	0.85			GK129 GKF129 GKA129 GKAF129	4P	17			58941	88.00		122	0.80		GK189 GKA189	4P	53	12749	27.73					39	0.95	62					11011	23.95	40					1.10	70	9738					21.18	41	1.25			83	8184	17.80	41	1.50	103	6611	14.38			42			1.75			116	5889	12.81	39	1.40	138	4947	10.76	39		1.55	170			3995	8.69	38	1.70	29	34675	51.77	95	0.85	GK169 GKA169	4P	35				28734	42.90	97	1.05			41	24521	36.61	97	1.25			46	21533	32.15	97	1.40			52	19209	28.68	97	1.55			61	16376	24.45	95	1.85			74	13570	20.26	94	2.20	86	11581	17.29	92	2.60	62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273			21.31			49			1.10			81	12304	18.37	50	1.15			100	9993	14.92	50	1.26			118	8479	12.66	50	1.35			90kW							132kW								15	55984	102.16	136	0.85			GK189 GKA189	4P	20			59444					73.96	111			0.80	GK189 GKA189	4P					17	48224	88.00			138	1.00	20	40530	73.96	139	1.15		23	35094		64.04	138	1.35	28	29241	53.36	137	1.60			33	24934		45.50	134		1.90			35	23296							42.51	134	2.00							39	21136	38.57	134	2.20	22	37308			68.08	104	0.80	GK169 GKA169	4P	25	33286			60.74	105	0.90	29			28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105			1.50			46	17618	32.15	104	1.70	52	15717				28.68		103	1.90	61	13399	24.45	101			2.30	74	11103	20.26	98			2.70	86	9475	17.29	95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480			42.90	87	0.90	GK169 GKA169	4P					48	17153	31.30	53	1.00	54		15136	27.62		54	1.10	62	13125			23.95	55	1.30					70	11678	21.31	55	1.45					81	10067					18.37	55	1.70			100			8176			14.92					55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																					
117	5820	12.66	56	2.80	47	14446			31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P			17	58941	88.00					122	0.80	GK189 GKA189	4P	53		12749	27.73				39	0.95	62					11011	23.95	40					1.10	70	9738					21.18	41	1.25					83	8184	17.80			41	1.50	103	6611	14.38	42	1.75	116			5889			12.81	39	1.40	138	4947	10.76	39	1.55	170	3995	8.69	38		1.70	29		34675	51.77	95	0.85	GK169 GKA169	4P	35	28734	42.90	97			1.05	41			24521	36.61	97	1.25			46	21533	32.15	97	1.40			52	19209	28.68	97	1.55			61	16376	24.45	95	1.85			74	13570	20.26	94	2.20			86	11581	17.29	92	2.60	62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31			49	1.10	81	12304	18.37			50			1.15			100	9993	14.92	50	1.26			118	8479	12.66	50	1.35			90kW							132kW							15	55984	102.16	136	0.85	GK189 GKA189			4P	20	59444	73.96	111	0.80	GK189 GKA189			4P			17					48224	88.00			138							1.00	20	40530			73.96	139	1.15	23	35094	64.04	138		1.35	28		29241	53.36	137	1.60	33	24934	45.50	134			1.90	35	23296	42.51	134	2.00	39			21136	38.57	134	2.20					22	37308	68.08							104	0.80	GK169 GKA169	4P	25	33286	60.74			105	0.90	29			28370	51.77			106	1.05	35	23509			42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68			103	1.90	61	13399	24.45	101	2.30				74		11103	20.26	98	2.70	86	9475			17.29	95	3.20	39	20835			38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169			4P	48			17153	31.30	53							1.00	54	15136	27.62	54	1.10		62	13125		23.95	55	1.30	70	11678	21.31	55	1.45	81			10067	18.37	55	1.70	100	8176	14.92					55	2.10					118	6938	12.66			54			2.30			41					29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																													
47	14446	31.42	37	0.85	GK129 GKF129 GKA129 GKAF129	4P			17	58941	88.00					122	0.80	GK189 GKA189	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
53	12749	27.73	39	0.95					62	11011	23.95			40	1.10	70	9738			21.18			41	1.25			83		8184	17.80				41	1.50	103					6611	14.38	42					1.75	116	5889					12.81	39	1.40					138	4947	10.76			39	1.55	170	3995	8.69	38	1.70	29	34675	51.77	95	0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05	41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97			1.55	61	16376	24.45			95	1.85	74	13570	20.26	94	2.20	86			11581	17.29	92	2.60	62			16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159			4P	70	14273	21.31	49			1.10	81	12304	18.37	50			1.15	100	9993	14.92	50	1.26	118	8479	12.66	50			1.35	90kW							132kW							15			55984	102.16	136	0.85	GK189 GKA189			4P	20	59444	73.96	111			0.80	GK189 GKA189	4P	17	48224			88.00	138	1.00	20	40530	73.96	139	1.15	23	35094	64.04	138					1.35	28	29241	53.36	137					1.60	33	24934			45.50	134	1.90	35			23296							42.51	134	2.00			39	21136	38.57	134	2.20	22	37308		68.08	104		0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90			29	28370	51.77	106	1.05	35	23509			42.90	106	1.30	41	20062	36.61			105	1.50	46			17618	32.15	104	1.70	52	15717			28.68	103	1.90	61	13399	24.45	101	2.30			74	11103			20.26	98	2.70	86			9475	17.29	95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90			GK169 GKA169	4P	48	17153	31.30	53	1.00		54		15136	27.62	54	1.10	62	13125	23.95	55			1.30	70	11678	21.31	55	1.45	81	10067	18.37	55			1.70	100	8176	14.92	55					2.10			118	6938	12.66							54	2.30	41	29425	36.61	89		1.05	46		25840	32.15	90	1.15	52	23051	28.68	90	1.30			61	19651	24.45	90	1.55	74	16284		20.26	89		1.85	86			13897	17.29	88	2.20																																																																																								
62	11011	23.95	40	1.10			70	9738	21.18	41	1.25			83	8184	17.80	41			1.50			103	6611			14.38		42	1.75				116	5889	12.81					39	1.40	138					4947	10.76	39					1.55	170	3995					8.69	38	1.70			29	34675	51.77	95	0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05			41	24521	36.61	97	1.25	46	21533	32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95			1.85	74	13570	20.26			94	2.20	86	11581	17.29	92	2.60	62			16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159			4P	70	14273	21.31					49	1.10	81	12304			18.37	50	1.15	100	9993			14.92	50	1.26	118	8479	12.66	50	1.35	90kW									132kW							15	55984	102.16	136			0.85	GK189 GKA189	4P	20					59444	73.96	111	0.80			GK189 GKA189			4P	17			48224	88.00	138	1.00	20	40530	73.96	139	1.15	23	35094	64.04					138	1.35	28	29241	53.36					137	1.60	33			24934	45.50	134	1.90			35							23296	42.51	134			2.00	39	21136	38.57	134	2.20	22		37308	68.08		104			0.80	GK169 GKA169	4P	25	33286			60.74	105	0.90	29	28370	51.77	106			1.05	35	23509	42.90	106	1.30			41	20062	36.61			105	1.50	46	17618	32.15	104			1.70	52	15717	28.68	103	1.90	61	13399			24.45	101			2.30	74	11103	20.26			98	2.70	86	9475	17.29	95	3.20	39	20835			38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P					35	34480	42.90	87	0.90		GK169 GKA169		4P	48	17153	31.30	53	1.00	54	15136			27.62	54	1.10	62	13125	23.95	55	1.30	70	11678			21.31	55	1.45	81	10067					18.37			55	1.70	100							8176	14.92	55	2.10	118	6938		12.66	54		2.30	41	29425	36.61	89	1.05	46	25840	32.15			90	1.15	52	23051	28.68	90	1.30		61	19651		24.45	90			1.55	74	16284	20.26	89			1.85	86	13897	17.29			88		2.20																																																																												
70	9738	21.18	41	1.25			83	8184	17.80	41	1.50			103	6611	14.38	42			1.75			116	5889			12.81		39	1.40				138	4947	10.76					39	1.55	170					3995	8.69	38					1.70	29	34675	51.77	95			0.85	GK169 GKA169	4P	35	28734	42.90	97	1.05	41	24521			36.61	97	1.25	46	21533			32.15	97	1.40	52	19209	28.68	97	1.55	61	16376	24.45	95	1.85	74	13570	20.26	94	2.20	86			11581	17.29	92	2.60			62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70			14273	21.31	49	1.10					81	12304	18.37					50	1.15	100	9993			14.92	50	1.26	118	8479	12.66	50	1.35	90kW							132kW									15	55984	102.16	136	0.85	GK189 GKA189	4P	20	59444	73.96	111			0.80			GK189 GKA189					4P	17	48224	88.00							138			1.00	20	40530	73.96	139	1.15	23	35094	64.04	138	1.35	28		29241	53.36		137	1.60	33	24934	45.50					134	1.90	35			23296	42.51	134	2.00			39							21136	38.57	134			2.20	22	37308	68.08	104	0.80	GK169 GKA169		4P	25		33286			60.74			105	0.90			29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50			46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61			13399	24.45	101	2.30	74	11103	20.26	98			2.70	86			9475	17.29	95	3.20			39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480			42.90	87	0.90							GK169 GKA169	4P	48	17153	31.30					53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067			18.37	55	1.70	100	8176					14.92			55	2.10	118							6938	12.66	54	2.30	41	29425		36.61	89		1.05	46	25840	32.15	90	1.15	52	23051	28.68			90	1.30	61	19651	24.45	90	1.55		74	16284		20.26	89			1.85	86	13897	17.29	88	2.20																																																																																						
83	8184	17.80	41	1.50			103	6611	14.38	42	1.75			116	5889	12.81	39			1.40			138	4947			10.76		39	1.55				170	3995	8.69					38	1.70	29					34675	51.77	95	0.85	GK169 GKA169			4P	35	28734	42.90	97	1.05	41	24521			36.61	97	1.25	46	21533	32.15	97			1.40	52	19209	28.68	97			1.55	61	16376	24.45	95	1.85	74	13570	20.26	94	2.20	86	11581	17.29	92	2.60	62	16041	23.95			48	1.05	GK159 GKF159 GKA159 GKAF159	4P			70	14273	21.31	49	1.10			81			12304	18.37	50	1.15					100	9993	14.92					50	1.26	118	8479	12.66	50	1.35	90kW							132kW							15	55984			102.16	136	0.85			GK189 GKA189	4P	20	59444	73.96			111	0.80	GK189 GKA189	4P			17									48224	88.00	138							1.00	20	40530	73.96	139	1.15	23	35094	64.04	138	1.35	28	29241	53.36	137		1.60	33		24934	45.50	134	1.90	35					23296	42.51	134			2.00	39	21136	38.57			134							2.20	22	37308			68.08	104	0.80	GK169 GKA169	4P	25				33286		60.74			105			0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61	13399	24.45	101	2.30	74			11103	20.26	98	2.70	86	9475	17.29	95			3.20	39			20835	38.02	50	0.80			GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90			87	0.90			GK169 GKA169	4P	48									17153	31.30	53	1.00		54		15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70			100	8176	14.92	55	2.10					118			6938	12.66	54							2.30	41	29425	36.61	89	1.05		46	25840		32.15	90	1.15	52	23051	28.68	90	1.30	61			19651	24.45	90	1.55	74	16284	20.26		89	1.85		86	13897	17.29	88	2.20																																																																																											
103	6611	14.38	42	1.75			116	5889	12.81	39	1.40			138	4947	10.76	39			1.55			170	3995			8.69		38	1.70				29	34675	51.77					95	0.85	GK169 GKA169	4P	35			28734	42.90	97	1.05		41	24521		36.61	97	1.25	46	21533	32.15	97			1.40	52	19209	28.68	97	1.55	61			16376	24.45	95	1.85	74			13570	20.26	94	2.20	86	11581	17.29	92	2.60	62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31			49	1.10					81	12304	18.37	50	1.15			100			9993	14.92	50	1.26					118	8479	12.66		50	1.35		90kW							132kW							15	55984	102.16	136	0.85	GK189 GKA189	4P	20	59444			73.96	111	0.80					GK189 GKA189	4P	17			48224	88.00					138									1.00	20	40530	73.96	139					1.15	23	35094	64.04	138	1.35	28	29241	53.36	137	1.60	33	24934	45.50	134		1.90	35		23296	42.51	134	2.00	39					21136	38.57	134			2.20	22	37308	68.08			104							0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90			29		28370		51.77	106	1.05			35			23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61	13399	24.45	101	2.30	74	11103	20.26	98	2.70	86	9475	17.29			95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159			4P	35			34480	42.90	87	0.90					GK169 GKA169	4P	48			17153	31.30					53			1.00	54					15136	27.62	54	1.10		62		13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10			118	6938	12.66	54	2.30					41			29425	36.61	89							1.05	46	25840	32.15	90	1.15		52	23051		28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																				
116	5889	12.81	39	1.40			138	4947	10.76	39	1.55			170	3995	8.69	38			1.70			29	34675			51.77		95	0.85				GK169 GKA169	4P	35	28734	42.90			97	1.05			41	24521	36.61	97	1.25	46	21533		32.15	97		1.40	52	19209	28.68	97	1.55	61			16376	24.45	95	1.85	74	13570	20.26			94	2.20	86	11581	17.29			92	2.60	62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10			81	12304	18.37			50	1.15					100	9993	14.92	50	1.26			118			8479	12.66	50	1.35		90kW							132kW							15	55984	102.16	136	0.85	GK189 GKA189	4P	20	59444	73.96	111	0.80	GK189 GKA189	4P	17			48224	88.00			138	1.00	20							40530			73.96	139					1.15					23	35094			64.04	138	1.35	28	29241					53.36	137	1.60	33	24934	45.50	134	1.90	35	23296	42.51	134	2.00	39	21136		38.57	134		2.20	22	37308	68.08	104					0.80	GK169 GKA169	4P			25	33286	60.74	105	0.90	29	28370					51.77	106	1.05			35	23509	42.90	106	1.30			41		20062		36.61	105	1.50			46			17618	32.15	104	1.70	52	15717	28.68	103	1.90	61	13399	24.45	101	2.30	74	11103	20.26	98	2.70	86	9475	17.29	95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35			34480	42.90	87	0.90	GK169 GKA169	4P	48					17153			31.30	53	1.00	54	15136	27.62					54			1.10	62					13125			23.95	55					1.30	70	11678	21.31		55		1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61			89	1.05	46	25840	32.15					90			1.15	52	23051				28.68	90		1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																
138	4947	10.76	39	1.55			170	3995	8.69	38	1.70			29	34675	51.77	95			0.85			GK169 GKA169	4P			35	28734	42.90	97	1.05					41	24521	36.61	97	1.25	46	21533			32.15	97	1.40	52	19209	28.68	97		1.55	61		16376	24.45	95	1.85	74	13570	20.26			94	2.20	86	11581	17.29	92	2.60			62	16041	23.95	48	1.05			GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31	49	1.10			81	12304	18.37	50	1.15			100	9993	14.92			50	1.26					118	8479	12.66	50	1.35			90kW								132kW							15	55984		102.16	136	0.85	GK189 GKA189	4P	20	59444	73.96	111			0.80	GK189 GKA189	4P	17	48224			88.00			138	1.00			20	40530	73.96							139			1.15	23			35094	64.04	138					1.35	28			29241	53.36	137	1.60	33					24934	45.50	134	1.90	35	23296	42.51	134	2.00	39	21136	38.57	134	2.20	22		37308	68.08		104	0.80	GK169 GKA169	4P	25					33286			60.74	105	0.90	29	28370	51.77	106	1.05	35			23509	42.90	106	1.30	41			20062	36.61	105	1.50	46			17618		32.15		104	1.70	52			15717			28.68	103	1.90	61	13399	24.45	101	2.30	74	11103	20.26	98	2.70	86	9475	17.29	95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87			0.90			GK169 GKA169	4P	48	17153			31.30					53	1.00	54	15136	27.62	54	1.10	62	13125					23.95			55	1.30					70			11678	21.31					55	1.45	81	10067		18.37		55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840			32.15	90	1.15	52	23051					28.68	90	1.30	61	19651	24.45			90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																								
170	3995	8.69	38	1.70			29	34675	51.77	95	0.85			GK169 GKA169	4P	35	28734			42.90	97	1.05					41	24521	36.61	97	1.25	46	21533			32.15	97	1.40	52	19209	28.68	97			1.55	61	16376	24.45	95	1.85	74		13570	20.26		94	2.20	86	11581	17.29	92	2.60			62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P			70	14273	21.31	49	1.10					81	12304	18.37	50	1.15			100	9993	14.92	50	1.26			118	8479	12.66			50	1.35			90kW									132kW								15	55984		102.16	136	0.85		GK189 GKA189	4P		20	59444	73.96			111	0.80	GK189 GKA189	4P			17			48224	88.00			138			1.00	20			40530	73.96	139	1.15	23					35094			64.04	138			1.35	28	29241					53.36	137			1.60	33	24934	45.50	134					1.90	35	23296	42.51	134	2.00	39	21136	38.57	134	2.20	22	37308	68.08	104		0.80	GK169 GKA169		4P	25			33286		60.74	105		0.90			29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46			17618	32.15	104	1.70	52			15717		28.68		103	1.90	61			13399			24.45	101	2.30	74	11103	20.26	98	2.70	86	9475	17.29	95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90			87	0.90	GK169 GKA169	4P			48					17153	31.30			53		1.00	54		15136	27.62	54	1.10	62	13125	23.95	55	1.30					70			11678	21.31					55			1.45	81					10067	18.37	55	1.70		100		8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15			52	23051	28.68	90	1.30		61	19651		24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																															
29	34675	51.77	95	0.85			GK169 GKA169	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
35	28734	42.90	97	1.05	41	24521			36.61	97	1.25	46	21533			32.15	97	1.40	52	19209	28.68	97			1.55	61	16376	24.45	95	1.85	74	13570	20.26			94	2.20	86	11581	17.29	92	2.60			62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P		70	14273		21.31	49	1.10	81	12304	18.37	50			1.15	100	9993	14.92	50					1.26	118	8479	12.66	50					1.35	90kW							132kW							15	55984	102.16	136	0.85	GK189 GKA189			4P	20	59444	73.96	111	0.80	GK189 GKA189			4P	17	48224	88.00	138	1.00	20		40530	73.96		139	1.15	23					35094	64.04	138			1.35	28					29241			53.36	137			1.60			33	24934	45.50	134	1.90	35	23296	42.51	134					2.00			39	21136			38.57	134	2.20					22	37308			68.08	104	0.80	GK169 GKA169	4P					25	33286	60.74	105	0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062		36.61		105			1.50	46	17618	32.15	104	1.70			52	15717	28.68	103	1.90	61	13399	24.45	101	2.30	74	11103	20.26	98	2.70	86			9475	17.29	95	3.20	39			20835		38.02		50	0.80	GK159 GKF159 GKA159 GKAF159			4P			35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62			13125	23.95	55			1.30	70					11678	21.31	55			1.45	81			10067		18.37	55		1.70	100	8176	14.92	55	2.10	118	6938	12.66					54			2.30	41					29425			36.61	89					1.05	46	25840	32.15		90		1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																					
41	24521	36.61	97	1.25	46	21533			32.15	97	1.40	52	19209			28.68	97	1.55	61	16376	24.45	95			1.85	74	13570	20.26	94	2.20	86	11581	17.29			92	2.60	62	16041	23.95	48	1.05			GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31				49	1.10		81	12304	18.37	50	1.15	100	9993			14.92	50	1.26	118	8479					12.66	50	1.35	90kW							132kW							15	55984	102.16	136			0.85	GK189 GKA189	4P	20	59444	73.96					111	0.80	GK189 GKA189	4P	17					48224	88.00	138	1.00	20	40530		73.96	139		1.15	23	35094	64.04			138	1.35	28	29241			53.36	137					1.60			33	24934			45.50			134	1.90	35	23296	42.51	134	2.00	39	21136					38.57			134	2.20			22	37308	68.08				104	0.80	GK169 GKA169	4P		25	33286	60.74				105	0.90		29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618		32.15		104			1.70	52	15717	28.68	103	1.90			61	13399	24.45	101	2.30	74	11103	20.26	98	2.70	86	9475	17.29	95	3.20	39			20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159			4P		35		34480	42.90		87	0.90				GK169 GKA169	4P	48	17153	31.30			53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55			1.30	70	11678			21.31	55					1.45	81	10067			18.37	55			1.70		100	8176		14.92	55	2.10	118	6938	12.66	54	2.30	41					29425			36.61	89	1.05	46			25840			32.15	90	1.15	52			23051	28.68	90	1.30		61		19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																												
46	21533	32.15	97	1.40	52	19209			28.68	97	1.55	61	16376			24.45	95	1.85	74	13570	20.26	94			2.20	86	11581	17.29	92	2.60	62	16041	23.95			48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31					49	1.10	81				12304	18.37		50	1.15	100	9993	14.92	50	1.26			118	8479	12.66	50	1.35			90kW							132kW							15	55984			102.16	136	0.85	GK189 GKA189	4P			20			59444	73.96	111					0.80	GK189 GKA189			4P					17	48224	88.00	138	1.00	20	40530	73.96	139	1.15	23	35094	64.04	138			1.35	28	29241	53.36			137	1.60					33			24934	45.50			134			1.90	35	23296	42.51	134	2.00	39	21136	38.57					134			2.20	22			37308	68.08	104	0.80	GK169 GKA169		4P	25				33286	60.74	105			0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70		52		15717			28.68	103	1.90	61	13399	24.45			101	2.30	74	11103	20.26	98	2.70	86	9475	17.29	95	3.20	39	20835	38.02	50			0.80	GK159 GKF159 GKA159 GKAF159	4P	35						34480		42.90	87		0.90	GK169 GKA169		4P	48			17153	31.30	53			1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30			70	11678	21.31			55	1.45					81	10067	18.37			55	1.70			100		8176	14.92		55	2.10	118	6938	12.66	54	2.30	41	29425					36.61			89	1.05	46	25840			32.15	90	1.15	52	23051	28.68	90			1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																	
52	19209	28.68	97	1.55	61	16376			24.45	95	1.85	74	13570			20.26	94	2.20	86	11581	17.29	92			2.60	62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70			14273	21.31			49	1.10	81					12304	18.37	50				1.15	100		9993	14.92	50	1.26	118	8479	12.66	50	1.35	90kW							132kW							15	55984			102.16	136	0.85	GK189 GKA189	4P			20	59444	73.96					111			0.80	GK189 GKA189	4P					17						48224	88.00		138	1.00	20	40530	73.96	139	1.15	23	35094	64.04	138	1.35	28	29241			53.36	137	1.60	33			24934	45.50					134			1.90	35			23296			42.51	134	2.00	39	21136	38.57	134	2.20	22					37308	68.08	104	0.80	GK169 GKA169			4P	25	33286	60.74		105		0.90			29	28370	51.77	106			1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90		61		13399			24.45	101	2.30	74	11103	20.26			98	2.70	86	9475	17.29	95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480			42.90			87					0.90	GK169 GKA169	4P	48	17153		31.30				53			1.00	54	15136			27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31			55	1.45	81			10067	18.37					55	1.70	100			8176	14.92			55		2.10	118		6938	12.66	54	2.30	41	29425	36.61	89	1.05					46	25840	32.15	90	1.15	52	23051			28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																								
61	16376	24.45	95	1.85	74	13570			20.26	94	2.20	86	11581			17.29	92	2.60	62	16041	23.95	48			1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273	21.31			49			1.10	81			12304	18.37	50					1.15	100	9993			14.92	50	1.26	118	8479	12.66	50	1.35	90kW							132kW							15	55984	102.16	136	0.85	GK189 GKA189	4P			20	59444	73.96					111	0.80	GK189 GKA189					4P			17				48224	88.00		138						1.00	20		40530	73.96	139	1.15	23	35094	64.04	138	1.35	28	29241	53.36	137	1.60			33	24934	45.50	134			1.90	35					23296			42.51	134			2.00			39	21136	38.57	134	2.20	22	37308	68.08	104	0.80	GK169 GKA169			4P	25	33286	60.74		105	0.90		29	28370	51.77		106		1.05			35	23509	42.90	106			1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61	13399	24.45	101	2.30		74		11103			20.26	98	2.70	86	9475	17.29			95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90			87	0.90			GK169 GKA169			4P		48	17153		31.30			53	1.00		54				15136			27.62	54	1.10			62	13125	23.95	55	1.30	70	11678	21.31	55	1.45	81			10067	18.37	55			1.70	100					8176	14.92	55			2.10	118			6938		12.66	54		2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15			52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																															
74	13570	20.26	94	2.20	86	11581			17.29	92	2.60	62	16041			23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P	70	14273			21.31			49	1.10	81			12304			18.37	50			1.15	100	9993	14.92	50			1.26	118	8479			12.66	50	1.35	90kW							132kW							15			55984	102.16	136	0.85	GK189 GKA189	4P	20					59444	73.96	111					0.80	GK189 GKA189				4P	17				48224				88.00	138		1.00						20	40530		73.96	139	1.15	23	35094	64.04	138	1.35	28	29241	53.36	137	1.60	33			24934	45.50	134	1.90			35	23296					42.51			134	2.00			39	21136	38.57	134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25		33286	60.74		105	0.90	29		28370	51.77		106	1.05	35		23509		42.90			106	1.30	41	20062			36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61	13399	24.45	101	2.30	74	11103	20.26		98		2.70			86	9475	17.29	95	3.20	39			20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35			34480	42.90	87			0.90	GK169 GKA169	4P	48						17153	31.30		53			1.00	54		15136				27.62			54	1.10	62			13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067			18.37	55	1.70			100	8176					14.92	55	2.10			118	6938			12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																				
86	11581	17.29	92	2.60	62	16041			23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P			70	14273	21.31			49	1.10			81			12304	18.37	50			1.15	100	9993	14.92	50			1.26	118	8479	12.66	50			1.35	90kW							132kW							15	55984	102.16	136	0.85	GK189 GKA189	4P	20			59444	73.96	111	0.80			GK189 GKA189					4P	17	48224			88.00	138	1.00						20				40530				73.96	139		1.15						23	35094		64.04	138	1.35	28	29241	53.36	137	1.60	33	24934	45.50	134	1.90	35			23296	42.51	134	2.00			39	21136			38.57	134	2.20			22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90	29	28370			51.77		106	1.05		35	23509	42.90		106	1.30		41	20062	36.61		105		1.50			46	17618	32.15	104			1.70	52	15717	28.68	103	1.90	61	13399	24.45	101	2.30	74	11103	20.26	98	2.70	86	9475	17.29	95	3.20		39		20835			38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P			48			17153	31.30	53			1.00			54						15136	27.62		54			1.10	62		13125				23.95			55	1.30	70			11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176			14.92	55	2.10			118	6938			12.66	54	2.30	41	29425			36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																													
62	16041	23.95	48	1.05	GK159 GKF159 GKA159 GKAF159	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
70	14273	21.31	49	1.10					81	12304	18.37			50	1.15	100	9993	14.92			50	1.26	118	8479	12.66			50	1.35	90kW							132kW							15			55984	102.16	136			0.85	GK189 GKA189	4P	20	59444	73.96	111	0.80	GK189 GKA189	4P	17	48224	88.00	138	1.00			20	40530	73.96	139	1.15	23	35094						64.04	138		1.35	28			29241	53.36	137						1.60				33				24934	45.50		134						1.90	35		23296	42.51	134	2.00	39	21136	38.57	134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50			46	17618	32.15	104	1.70	52	15717			28.68		103	1.90		61	13399	24.45		101	2.30		74	11103	20.26		98		2.70			86	9475	17.29	95			3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30			70	11678	21.31	55	1.45					81			10067	18.37	55			1.70			100						8176	14.92		55			2.10	118		6938				12.66			54	2.30	41			29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																																																									
81	12304	18.37	50	1.15			100	9993	14.92	50	1.26			118	8479	12.66	50	1.35			90kW							132kW							15	55984	102.16			136	0.85	GK189 GKA189	4P	20			59444	73.96	111			0.80			GK189 GKA189	4P	17	48224	88.00			138	1.00	20	40530	73.96			139	1.15	23	35094	64.04	138	1.35						28	29241		53.36	137			1.60	33	24934						45.50				134				1.90	35		23296						42.51	134		2.00	39	21136	38.57	134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25			33286	60.74	105	0.90	29	28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46			17618	32.15	104	1.70	52	15717	28.68			103		1.90	61		13399	24.45	101		2.30	74		11103	20.26	98		2.70		86			9475	17.29	95	3.20			39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159			4P	35	34480	42.90	87			0.90	GK169 GKA169	4P	48	17153	31.30	53	1.00	54	15136	27.62	54	1.10	62	13125			23.95	55	1.30	70	11678					21.31			55	1.45	81			10067			18.37						55	1.70		100			8176	14.92		55				2.10			118	6938	12.66			54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																																																						
100	9993	14.92	50	1.26			118	8479	12.66	50	1.35			90kW							132kW							15	55984	102.16			136	0.85	GK189 GKA189	4P	20			59444	73.96			111			0.80	GK189 GKA189	4P	17	48224	88.00					138	1.00	20			40530	73.96	139	1.15	23			35094	64.04	138	1.35	28	29241	53.36						137	1.60		33	24934			45.50	134	1.90						35				23296			42.51	134	2.00	39	21136					38.57	134	2.20	22	37308	68.08	104	0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90			29			28370	51.77	106	1.05	35	23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52			15717	28.68	103	1.90	61	13399	24.45			101		2.30	74		11103	20.26	98		2.70	86		9475	17.29	95		3.20		39			20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90					GK169 GKA169	4P	48	17153			31.30			53	1.00	54	15136	27.62	54	1.10	62	13125	23.95	55	1.30			70	11678	21.31	55	1.45					81			10067	18.37	55			1.70			100						8176	14.92		55			2.10	118	6938	12.66		54		2.30			41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																																																													
118	8479	12.66	50	1.35			90kW							132kW							15	55984	102.16	136	0.85			GK189 GKA189	4P	20			59444	73.96			111			0.80	GK189 GKA189			4P	17	48224	88.00			138	1.00	20					40530	73.96	139			1.15	23	35094	64.04	138			1.35	28	29241	53.36	137	1.60	33						24934	45.50		134	1.90			35	23296	42.51						134		2.00	39	21136			38.57	134	2.20	22	37308		68.08	104		0.80	GK169 GKA169	4P	25	33286	60.74	105	0.90			29	28370	51.77	106	1.05			35			23509	42.90	106	1.30	41	20062	36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61			13399	24.45	101	2.30	74	11103	20.26			98		2.70	86		9475	17.29	95		3.20	39		20835	38.02	50		0.80		GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90	87	0.90			GK169 GKA169	4P	48	17153	31.30							53	1.00			54			15136	27.62	54	1.10	62	13125	23.95	55	1.30	70	11678	21.31			55	1.45	81	10067	18.37					55			1.70	100	8176			14.92			55					2.10	118	6938	12.66	54			2.30	41	29425	36.61		89		1.05	46	25840	32.15	90	1.15	52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																																																																				
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28	29241	53.36	137	1.60	33	24934			45.50	134	1.90	35	23296	42.51	134			2.00	39	21136	38.57	134	2.20	22	37308	68.08	104			0.80	GK169 GKA169	4P	25	33286			60.74	105	0.90							29	28370			51.77	106	1.05							35			23509	42.90	106	1.30		41	20062		36.61	105	1.50	46	17618	32.15	104	1.70	52	15717	28.68	103	1.90	61	13399	24.45	101	2.30	74	11103	20.26	98	2.70	86	9475	17.29	95	3.20	39	20835	38.02	50	0.80	GK159 GKF159 GKA159 GKAF159	4P	35	34480	42.90			87	0.90	GK169 GKA169			4P	48							17153	31.30	53	1.00			54							15136	27.62	54	1.10	62			13125	23.95	55	1.30	70	11678	21.31	55	1.45	81	10067	18.37	55	1.70	100	8176	14.92	55	2.10	118	6938	12.66	54	2.30	41	29425	36.61	89	1.05	46	25840	32.15	90	1.15	52	23051	28.68	90			1.30	61	19651	24.45	90					1.55	74	16284							20.26	89			1.85			86	13897	17.29	88	2.20																																																																																																																																																																																																																																																																																																														
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46	25840	32.15	90	1.15			52	23051	28.68	90	1.30	61	19651			24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
52	23051	28.68	90	1.30	61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
61	19651	24.45	90	1.55	74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
74	16284	20.26	89	1.85	86	13897	17.29	88	2.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
86	13897	17.29	88	2.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [N.m]	i	F_{Ra} [kN]	f_B	机型号 Type size	极数 Pole	
160kW							200kW							
28	51985	53.36	103	0.90	GK189 GKA189	4P	33	55409	45.50	90	0.85	GK189 GKA189	4P	
33	44327	45.50	106	1.05			45	40467	33.23	97	1.15			
45	32374	33.23	108	1.45			53	34001	27.92	98	1.30			
53	27200	27.92	108	1.75			62	29446	24.18	99	1.40			
62	23557	24.18	107	1.90			74	24538	20.15	98	1.50			
74	19631	20.15	105	2.10			87	20922	17.18	97	1.70			
87	16737	17.18	103	2.30										
41	35666	36.61	78	0.85	GK169 GKA169	4P								
61	23820	24.45	83	1.25										
74	19738	20.26	83	1.55										
86	16844	17.29	82	1.80										

选型参数表
(恒转矩)

Selection Table
(Constant Torque)

M_{amax} [N.m]	n_a [r/min]	i	F_{Ra} [kN]	机型号 Type size	P [kW]/4P	M_{amax} [N.m]	n_a [r/min]	i	F_{Ra} [kN]	机型号 Type size	P [kW]/4P							
200	0.19	6832	5.4	GK39R19 GKF39R19 GKA39R19 GKAF39R19	0.12	400	3.5	375	5.6	GK49R39 GKF49R39 GKA49R39 GKAF49R39	0.25							
	0.22	5922	5.4				4.1	327	5.6									
	0.24	5491	5.4				4.6	289	5.6									
	0.28	4759	5.4				5.2	256	5.6									
	0.31	4160	5.4				5.9	225	5.6									
	0.36	3645	5.4				6.7	198	5.6									
	0.41	3205	5.4				GK49R39 GKF49R39 GKA49R39 GKAF49R39	0.37	8.1	171	5.6	GK59R39 GKF59R39 GKA59R39 GKAF59R39	0.55					
	0.47	2801	5.4											9.1	153	5.6		
	0.53	2454	5.4											11	131	5.6		
	0.60	2166	5.4						GK39R19 GKF39R19 GKA39R19 GKAF39R19	0.12	600			0.11	12169	7.2		
	0.69	1892	5.4											0.12	11162	7.2		
	0.79	1660	5.4											0.14	9503	7.2		
	0.89	1466	5.4	0.15	8547		7.2											
	1.02	1288	5.4	0.18	7277		7.2											
	1.15	1136	5.4	0.2	6478		7.2											
	1.32	996	5.4	0.23	5662		7.2											
	1.50	876	5.4	0.26	5033		7.2											
	1.72	761	5.4	0.3	4340		7.2											
	1.95	671	5.4	0.34	3854		7.2											
	2.24	585	5.4	0.39	3390		7.2											
2.56	512	5.4	0.45	2924	7.2													
2.90	451	5.4	0.51	2593	7.2													
3.31	396	5.4	0.58	2249	7.2													
3.79	346	5.4	0.66	1986	7.2													
4.31	304	5.4	GK39R19 GKF39R19 GKA39R19 GKAF39R19	0.18	600	0.75	1743	7.2	GK59R39 GKF59R39 GKA59R39 GKAF59R39	0.12								
4.91	267	5.4				0.85	1539	7.2										
5.60	234	5.4				0.97	1354	7.2										
6.39	205	5.4				1.1	1174	7.2										
7.3	181	5.4	GK39R19 GKF39R19 GKA39R19 GKAF39R19	0.25		600	1.3	1036	7.2	GK59R39 GKF59R39 GKA59R39 GKAF59R39	0.18							
8.3	160	5.4					1.4	906	7.2									
9.8	136	5.4					1.6	806	7.2									
10.5	127	5.4					1.9	699	7.2									
12	110	5.4	GK39R19 GKF39R19 GKA39R19 GKAF39R19	0.37			600	2.1	615	7.2	GK59R39 GKF59R39 GKA59R39 GKAF59R39	0.25						
14	96	5.4						2.4	544	7.2								
400	0.13	10138						5.6	GK49R39 GKF49R39 GKA49R39 GKAF49R39	0.12			820	2.8	473	7.2	GK59R39 GKF59R39 GKA59R39 GKAF59R39	0.37
	0.15	8534						5.6						3.2	421	7.2		
	0.17	7662	5.6	3.7				362			7.2							
	0.19	6826	5.6	4.2				319			7.2							
	0.22	5983	5.6	4.8				280			7.2							
	0.25	5158	5.6	GK49R39 GKF49R39 GKA49R39 GKAF49R39				0.12			820	5.7		246	7.2	GK59R39 GKF59R39 GKA59R39 GKAF59R39	0.55	
	0.28	4601	5.6									6.5		215	7.2			
	0.33	3940	5.6									7.2		192	7.2			
	0.38	3477	5.6									8.4		166	7.2			
	0.43	3043	5.6									9.6		145	7.2			
	0.48	2732	5.6		11							129		7.2				
	0.56	2354	5.6	GK49R39 GKF49R39 GKA49R39 GKAF49R39	0.18			820				13		111	7.2	GK59R39 GKF59R39 GKA59R39 GKAF59R39	1.1	
0.63	2063	5.6	14						97	7.2								
0.72	1819	5.6	0.11						12139	10		GK69R39 GKF69R39 GKA69R39 GKAF69R39		0.12				
0.83	1586	5.6	0.12			11134			10									
0.94	1388	5.6	0.14	9479	10													
1.1	1222	5.6	0.16	8173	10													
1.2	1097	5.6	GK49R39 GKF49R39 GKA49R39 GKAF49R39	0.12	820	0.11			12139	10	GK69R39 GKF69R39 GKA69R39 GKAF69R39	0.12						
1.4	945	5.6				0.12	11134		10									
1.6	831	5.6				0.14	9479		10									
1.8	718	5.6				0.16	8173		10									
2.1	639	5.6	GK49R39 GKF49R39 GKA49R39 GKAF49R39	0.18		820	0.11		12139	10	GK69R39 GKF69R39 GKA69R39 GKAF69R39	0.12						
2.4	552	5.6					0.12		11134	10								
2.6	495	5.6					0.14		9479	10								
3.1	426	5.6					0.16		8173	10								

选型参数表
(恒转矩)Selection Table
(Constant Torque)

M_{amax} [N.m]	n_a [r/min]	i	F_{Ra} [kN]	机型号 Type size	P [kW]/4P	M_{amax} [N.m]	n_a [r/min]	i	F_{Ra} [kN]	机型号 Type size	P [kW]/4P		
820	0.18	7259	10	GK69R39 GKF69R39 GKA69R39 GKAF69R39	0.12	1550	1.4	920	15	GK79R39	0.37		
	0.2	6462	10				GKF79R39						
	0.23	5648	10				GKA79R39						
	0.27	4846	10				GKAF79R39						
	0.3	4329	10				GK79R39	0.55					
	0.35	3750	10				GKF79R39						
	0.4	3315	10				GKA79R39						
	0.45	2917	10				GKAF79R39						
	0.52	2532	10				GK79R39	0.75					
	0.58	2244	10				GKF79R39						
	0.66	1981	10	GKA79R39									
	0.75	1739	10	GKAF79R39	1.1								
	0.85	1536	10	GK79R39									
	0.97	1351	10	GKF79R39									
	1.1	1171	10	GKA69R39	0.18		2700	0.09	14828	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.12	
	1.3	1034	10	GK69R39									
	1.5	903	10	GKF69R39									
	1.7	793	10	GKA69R39									
	1.9	697	10	GKAF69R39									
	2.2	613	10	GK69R39	0.25								
2.5	542	10	GKF69R39										
2.8	471	10	GKA69R39	0.37									
3.2	420	10	GKAF69R39										
3.9	361	10	GK69R39	0.55									
4.3	323	10	GKF69R39										
5	279	10	GKA69R39										
5.7	246	10	GKAF69R39										
6.4	217	10	GK69R39	0.75	0.13	10217		26	GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.18			
7.3	191	10	GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.18									
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.25	0.14	9073	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			0.25		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.37									
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.55	0.17	7854	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.25			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.75	0.19	6832	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			0.37		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.1	0.22	5930	26					GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.55
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.5	0.25	5239	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	2.2			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.25	0.29	4562	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			0.12		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.18	0.32	4037	26					GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.18
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.25	0.36	3609	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.25			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.37	0.42	3106	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			0.37		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.55	0.48	2728	26					GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.55
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.75	0.56	2371	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.75			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.1	0.64	2087	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			1.1		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.5	0.72	1854	26					GK89R59 GKF89R59 GKA89R59 GKAF89R59	1.5
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	2.2	0.80	1658	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	2.2			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.25	0.94	1415	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			0.25		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.37	1.08	1229	26					GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.37
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.55	1.3	1078	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.55			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.75	1.5	951	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			0.75		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.1	1.7	837	26					GK89R59 GKF89R59 GKA89R59 GKAF89R59	1.1
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.5	1.9	726	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	1.5			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	2.2	2.2	638	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			2.2		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.25	2.5	562	26					GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.25
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.37	3.0	474	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.37			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.55	3.3	426	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			0.55		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.75	3.8	373	26					GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.75
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.1	4.2	330	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	1.1			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.5	4.9	293	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			1.5		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	2.2	5.7	250	26					GK89R59 GKF89R59 GKA89R59 GKAF89R59	2.2
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.25	6.1	236	26		GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.25			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.37	7.1	201	26	GK89R59 GKF89R59 GKA89R59 GKAF89R59			0.37		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.55								GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.55
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.75					GK89R59 GKF89R59 GKA89R59 GKAF89R59	0.75			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.1				GK89R59 GKF89R59 GKA89R59 GKAF89R59			1.1		
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	1.5								GK89R59 GKF89R59 GKA89R59 GKAF89R59	1.5
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	2.2					GK89R59 GKF89R59 GKA89R59 GKAF89R59	2.2			
			GKF69R39										
			GKA69R39										
			GKAF69R39										
			GK69R39	0.25				GK89R59 GKF89R59 GKA89R59 GKAF89R59			0.25		
			GKF69R39										
			GKA69R39										
			GKAF69R39										

选型参数表
(恒转矩)

Selection Table
(Constant Torque)

M _{amax} [N.m]	n _a [r/min]	i	F _{Ra} [kN]	机型号 Type size	P [kW]/4P	M _{amax} [N.m]	n _a [r/min]	i	F _{Ra} [kN]	机型号 Type size	P [kW]/4P	
4300	0.07	18091	38	GK99R59 GKF99R59 GKA99R59 GKAF99R59	0.12	8000	0.12	10678	62	GK109R79	0.18	
	0.08	16666	38				0.14	9524	62	GKF109R79		
	0.09	14896	38				0.16	8328	62	GKA109R79		
	0.10	13183	38						62	GKAF109R79		
	0.11	11677	38				GK109R79 GKF109R79 GKA109R79 GKAF109R79	0.25	0.18	7269	62	
	0.13	10317	38						0.22	6184	62	
	0.14	9083	38						0.23	5662	62	
	0.16	8055	38				GK109R79 GKF109R79 GKA109R79 GKAF109R79	0.37	0.26	5138	62	
	0.19	6969	38						0.31	4360	62	
	0.22	6027	38	0.35	3811				62			
	0.24	5392	38	GK109R79 GKF109R79 GKA109R79 GKAF109R79	0.55		0.41	3358	62			
	0.28	4669	38				0.47	2977	62			
	0.32	4081	38				0.54	2598	62			
	0.37	3583	38	GK109R79 GKF109R79 GKA109R79 GKAF109R79	0.75		0.61	2286	62			
	0.43	3108	38				0.72	1939	62			
	0.48	2756	38				GK109R79 GKF109R79 GKA109R79 GKAF109R79	1.1	0.82	1713	62	
				0.55	2419				38	0.9	1555	62
				0.63	2123				38	1	1336	62
	0.75	1856	38	GK109R79 GKF109R79 GKA109R79 GKAF109R79	1.5		1.2	1166	62			
							0.86	1625	38	1.4	1030	62
							0.97	1430	38	1.5	904	62
							1.1	1261	38	GK109R79 GKF109R79 GKA109R79 GKAF109R79	2.2	1.8
	1.3	1102	38	2.1	696		62					
	1.5	957	38	2.3	614		62					
1.1	855	38	GK109R79 GKF109R79 GKA109R79 GKAF109R79	3	2.7	522	62					
					1.6	743	38	3.1	461	62		
					1.9	651	38	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4	3.5	408	62
2.2	573	38	4	364	62							
2.4	504	38	GK109R79 GKF109R79 GKA109R79 GKAF109R79	5.5	4.5	318	62					
2.8	437	38			5	286	62					
3.3	382	38			5.7	251	62					
2.2	437	38	GK109R79 GKF109R79 GKA109R79 GKAF109R79	4	13000	0.07	17550	75				
						3.7	342	38	0.08	16006	75	
						4.2	305	38	0.09	14975	75	
3	305	38	GK129R79 GKF129R79 GKA129R79 GKAF129R79	0.18		0.11	12440	75				
						5.5	258	38	0.12	10914	75	
						6.2	232	38	0.14	9819	75	
4	199	38	GK129R79 GKF129R79 GKA129R79 GKAF129R79	0.25		0.16	8443	75				
						7.2	199	38	0.18	7483	75	
						0.12	14311	62	GK129R79 GKF129R79 GKA129R79 GKAF129R79	0.37	0.2	6565
8000	0.09	14311	62	GK109R79 GKF109R79 GKA109R79 GKAF109R79							0.12	
												0.11

选型参数表
(恒转矩)Selection Table
(Constant Torque)

M_{amax} [N.m]	n_a [r/min]	i	F_{Ra} [kN]	机型号 Type size	P [kW]/4P	M_{amax} [N.m]	n_a [r/min]	i	F_{Ra} [kN]	机型号 Type size	P [kW]/4P
13000	0.24	5804	75	GK129R79	0.55	18000	0.12	11368	107	GK159R99	0.55
	0.28	5027	75	GKF129R79			GKF159R99				
	0.31	4423	75	GKA129R79			GKA159R99				
	0.36	3889	75	GKAF129R79			GKAF159R99				
	0.42	3311	75	GK129R79	0.75		0.28	5074	107	GK159R99	1.1
	0.46	3009	75	GKF129R79			GKF159R99				
				GKA129R79			GKA159R99				
				GKAF129R79	GKAF159R99						
	0.54	2607	75	GK129R79	1.1		0.40	3540	107	GK159R99	
	0.62	2268	75	GKF129R79			GKF159R99				
				GKA129R79	1.5		0.54	2610	107	GK159R99	1.5
				GKAF129R79			GKA159R99				
				GK129R79			GKAF159R99				
	0.73	1926	75	GK129R79	1.1		0.60	2323	107	GK159R99	2.2
				GKF129R79			GKF159R99				
				GKA129R79	1.5		0.70	2029	107	GK159R99	2.2
				GKAF129R79			GKA159R99				
	0.8	1757	75	GK129R79	1.5		0.79	1805	107	GK159R99	2.2
	0.91	1541	75	GKF129R79			GKA159R99				
				GKA129R79	2.2		0.86	1659	107	GK159R99	2.2
				GKAF129R79			GKA159R99				
				GK129R79			GKAF159R99				
	1.1	1342	75	GK129R79	2.2		1.05	1365	107	GK159R99	3
	1.2	1177	75	GKF129R79			GKF159R99				
1.4	1025	75	GKA129R79	GKA159R99							
			GKAF129R79	3	1.2	1229	107	GK159R99	3		
			GK129R79		GKF159R99						
			GKF129R79		GKA159R99						
1.6	899	75	GK129R79	3	1.3	1093	107	GK159R99	4		
1.8	790	75	GKF129R79		GKF159R99						
2	704	75	GKA129R79		GKA159R99						
			GKAF129R79	4	1.5	942	107	GK159R99	4		
			GK129R79		GKF159R99						
2.4	610	75	GK129R79	4	1.7	853	107	GK159R99	5.5		
2.6	549	75	GKF129R79		GKA159R99						
			GKA129R79	5.5	1.9	756	107	GK159R99	5.5		
			GKAF129R79		GKA159R99						
3	477	75	GK129R79	5.5	2.2	661	107	GK159R99	7.5		
3.4	419	75	GKF129R79		GKF159R99						
			GKA129R79	4	2.5	567	107	GK159R99	7.5		
			GKAF129R79		GKA159R99						
2.7	539	75	GK129R89	4	2.9	504	107	GK159R99	7.5		
			GKF129R89		GKF159R99						
			GKA129R89	5.5	3.3	434	107	GK159R99	7.5		
			GKAF129R89		GKA159R99						
3	476	75	GK129R89	5.5	3.8	379	107	GK159R99	11		
3.4	420	75	GKF129R89		GKF159R99						
			GKA129R89	7.5	4.3	333	107	GK159R99	11		
			GKAF129R89		GKA159R99						
3.9	368	75	GK129R89	7.5	5.0	291	107	GK159R99	7.5		
4.4	331	75	GKF129R89		GKF159R109						
5	287	75	GKA129R89		GKA159R109						
			GKAF129R89	11	3.7	385	107	GK159R109	7.5		
			GK129R89		GKF159R109						
5.7	254	75	GK129R89	7.5	4.4	325	107	GK159R109	11		
			GKF129R89		GKA159R109						
			GKA129R89	15	4.9	299	107	GK159R109	15		
			GKAF129R89		GKAF159R109						
18000	0.08	17680	107	GK159R99	0.55	5.8	253	107	GK159R109	15	
	0.09	15730	107	GKF159R99		GKF159R109					
	0.09	14721	107	GKA159R99		GKA159R109					
	0.11	13097	107	GKAF159R99		GKAF159R109					

**选型参数表
(恒转矩)**

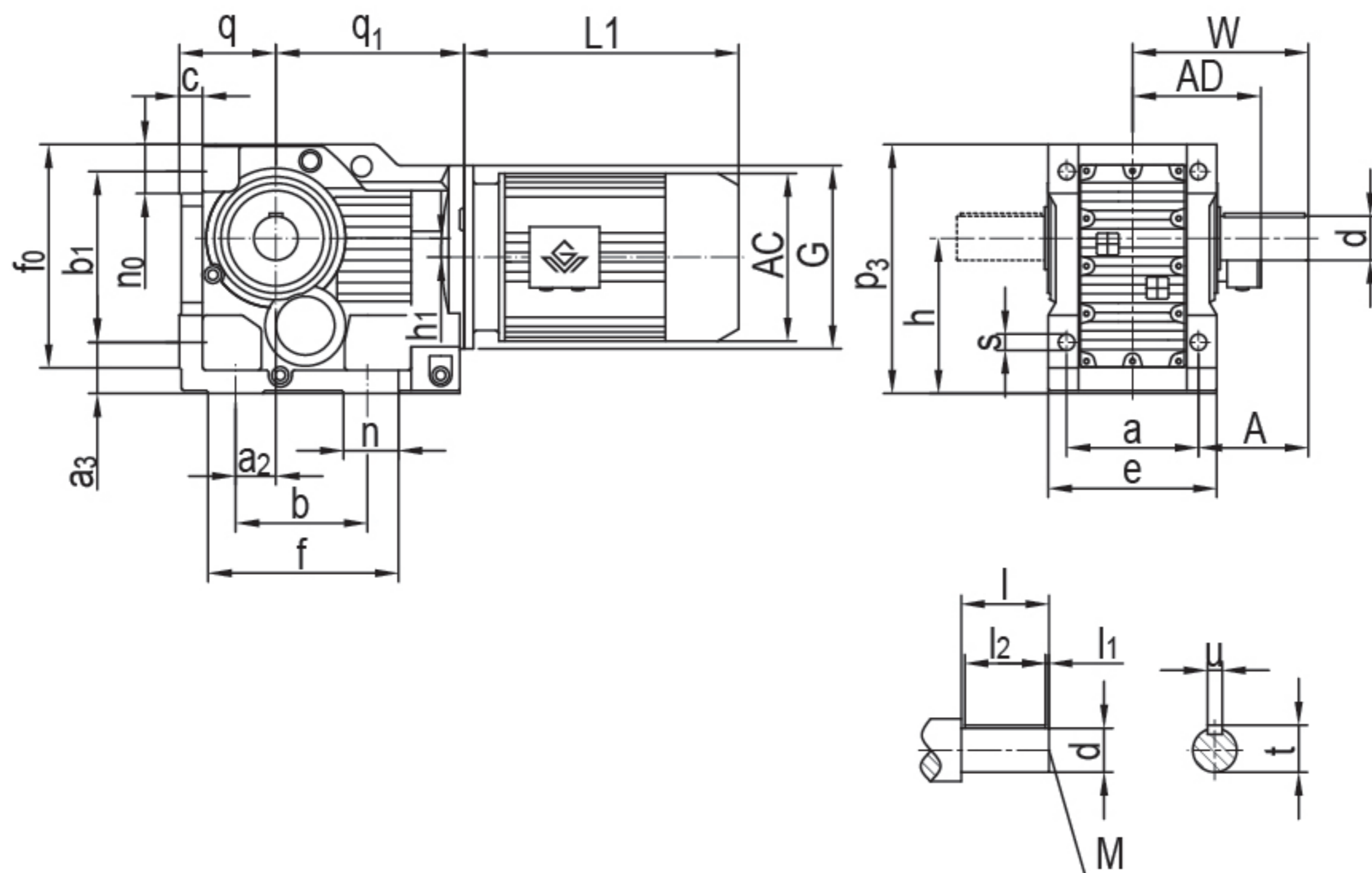
**Selection Table
(Constant Torque)**

M_{amax} [N.m]	n_a [r/min]	i	F_{Ra} [kN]	机型号 Type size	P [kW]/4P	M_{amax} [N.m]	n_a [r/min]	i	F_{Ra} [kN]	机型号 Type size	P [kW]/4P
32000	0.07	19725	135	GK169R99 GKA169R99	0.55	50000	0.04	32625	171	GK189R99 GKA189R99	0.55
	0.08	17409	135				0.05	27165	171		
	0.09	15000	135				0.06	24353	171		
	0.11	13238	135				0.07	19144	171		
	0.12	11575	135				0.08	16978	171		
	0.14	10265	135				0.10	14272	171		
	0.16	8629	135	GK169R99 GKA169R99	0.75		0.11	13116	171	GK189R99 GKA189R99	0.75
	0.21	6562	135	GK169R99 GKA169R99	1.1		0.12	11647	171	GK189R99 GKA189R99	0.75
	0.26	5355	135	GK169R99 GKA169R99	1.1		0.13	10413	171	GK189R99 GKA189R99	1.1
	0.29	4788	135	GK169R99 GKA169R99	1.5		0.15	9363	171	GK189R99 GKA189R99	1.1
	0.34	4079	135	GK169R99 GKA169R99	1.5		0.17	8126	171	GK189R99 GKA189R99	1.5
	0.42	3376	135	GK169R99 GKA169R99	2.2		0.19	7343	171	GK189R99 GKA189R99	1.5
	0.52	2755	135	GK169R99 GKA169R99	2.2		0.21	6747	171	GK189R99 GKA189R99	1.5
	0.63	2264	135	GK169R99 GKA169R99	3		0.23	5991	171	GK189R99 GKA189R99	1.5
	0.66	2182	135	GK169R99 GKA169R99	3		0.27	5358	171	GK189R99 GKA189R99	2.2
	0.85	1704	135	GK169R99 GKA169R99	4		0.30	4817	171	GK189R99 GKA189R99	2.2
	1.02	1408	135	GK169R99 GKA169R99	4		0.33	4370	171	GK189R99 GKA189R99	2.2
	1.11	1296	135	GK169R99 GKA169R99	5.5		0.40	3609	171	GK189R99 GKA189R99	3
	1.31	1101	135	GK169R99 GKA169R99	5.5		0.47	3062	171	GK189R99 GKA189R99	3
	1.53	944	135	GK169R99 GKA169R99	7.5		0.57	2519	171	GK189R99 GKA189R99	4
	1.71	844	135				0.63	2268	171	GK189R99 GKA189R99	4
	1.90	757	135				0.70	2054	171	GK189R99 GKA189R99	4
	2.28	632	135				0.79	1821	171	GK189R99 GKA189R99	5.5
	2.6	561	135	GK169R99 GKA169R99	11		0.90	1605	171	GK189R99 GKA189R99	5.5
	3.0	481	135	GK169R99 GKA169R99	11		1.03	1395	171	GK189R99 GKA189R99	7.5
	3.5	423	135	GK169R99 GKA169R99	15		1.20	1196	171	GK189R99 GKA189R99	7.5
4.0	369	135	GK169R99 GKA169R99	15	1.38	1046	171	GK189R99 GKA189R99	7.5		
4.6	317	135	GK169R109 GKA169R109	18.5	1.52	945	171	GK189R99 GKA189R99	7.5		
5.3	277	135	GK169R109 GKA169R109	22	2.0	738	171	GK189R99 GKA189R99	15		
6.0	244	135	GK169R109 GKA169R109	22	2.4	621	171	GK189R99 GKA189R99	15		
6.9	213	135	GK169R109 GKA169R109	30	2.8	527	171	GK189R99 GKA189R99	18.5		
7.2	205	135			1.7	835	171	GK189R109 GKA189R109	11		
8.2	180	135			2.0	729	171	GK189R109 GKA189R109	15		
9.3	159	135			2.3	622	171	GK189R109 GKA189R109	15		
11.0	135	135	GK169R109 GKA169R109	37	2.8	520	171	GK189R109 GKA189R109	18.5		
12.5	118	135	GK169R109 GKA169R109	45	3.2	454	171	GK189R109 GKA189R109	18.5		
					4.1	355	171	GK189R109 GKA189R109	30		
					5.7	261	171	GK189R109 GKA189R109	37		
					6.7	221	171	GK189R109 GKA189R109	45		
					7.7	193	171	GK189R109 GKA189R109	45		
					9.1	163	171	GK189R109 GKA189R109	45		

GK

GK39-159
安装结构尺寸

GK39-159
Mounting Dimensional Description



机型号 Type Size	a b	a ₂ h	b ₁ q	q ₁ h ₁	s a ₃	d l	l ₁ l ₂	u t	w A	e p ₃	c n ₀	f ₀ f	n M	G	电机尺寸 Motor Size			
															AC	AD	L1	
GK39	100 110	28 100 _{-0.5}	115 63 _{-0.5}	139 8.5	Φ11 32	Φ25k6 50	5 40	8 28	110 60	120 165	16 37	150 143	38 M10	Φ120	见附录 A-2 和 A-3 Please see appendix A-2 and A-3			
GK49	120 130	35 112 _{-0.5}	130 71 _{-0.5}	166 7.2	Φ11 37	Φ30k6 60	3.5 50	8 33	135 75	145 185	18 37	170 162	32 M10	Φ160				
GK59	130 130	30 132 _{-0.5}	150 80 _{-0.5}	173 13.1	Φ13.5 45	Φ35k6 70	7 56	10 38	153 88	157 217	21 43	190 172	43 M12	Φ160				
GK69	140 120	30 140 _{-0.5}	160 90 _{-0.5}	179 20	Φ13.5 45	Φ40k6 80	5 70	12 43	171 101	170 228	24 43	203 170	45 M16	Φ160				
GK79	165 150	40 180 _{-0.5}	200 112 _{-0.5}	202 31.3	Φ17.5 55	Φ50k6 100	10 80	14 53.5	206 123.5	200 288	27 55	263 212.5	55 M16	Φ200				
GK89	180 180	55 212 _{-0.5}	233 132 _{-0.5}	257 25.9	Φ22 70	Φ60m6 120	5 110	18 64	240 150	230 340	32 67	305 260	75 M20	Φ250				
GK99	240 240	75 265 ₋₁	295 160 _{-0.5}	277 32.3	Φ26 75	Φ70m6 140	7.5 125	20 74.5	291 171	290 417	36 82	372 294	60 M20	Φ300				
GK109	270 280	95 315 ₋₁	360 200 _{-0.5}	341 52	Φ33 95	Φ90m6 170	5 160	25 95	347 212	340 503	40 90	448 380	100 M24	Φ350				
GK129	330 350	115 375 ₋₁	420 225 _{-0.5}	390 53	Φ39 110	Φ110m6 210	15 180	28 116	418 253	400 592	45 111	526 440	100 M24	Φ450				
GK159	420 380	140 450 ₋₁	500 280 ₋₁	426 71.7	Φ39 130	Φ120m6 210	5 200	32 127	457 247	500 705	54 115	634 480	100 M24	Φ550				

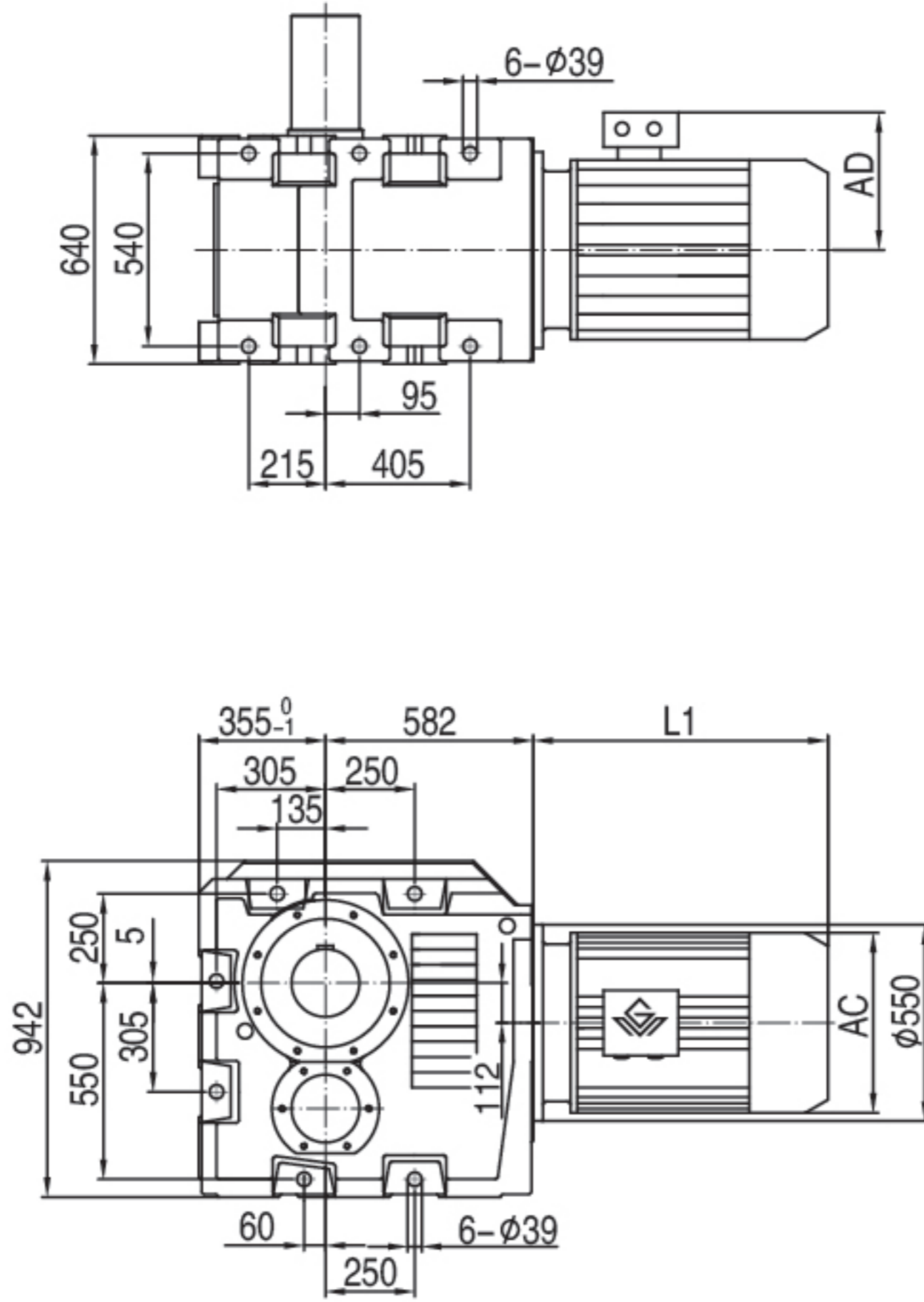
注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

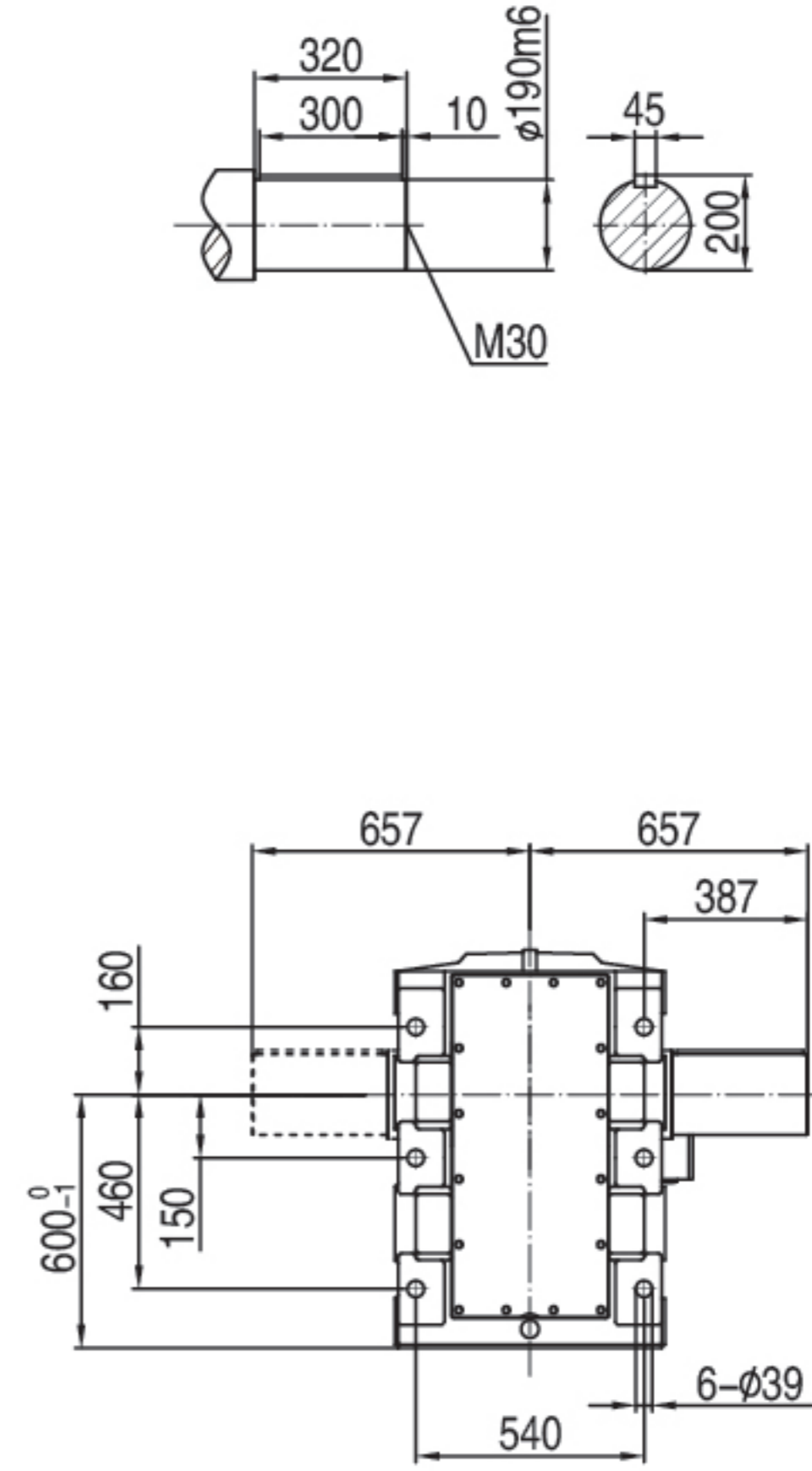
Note: 1. The dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GK189
安装结构尺寸



GK189
Mounting Dimensional Description

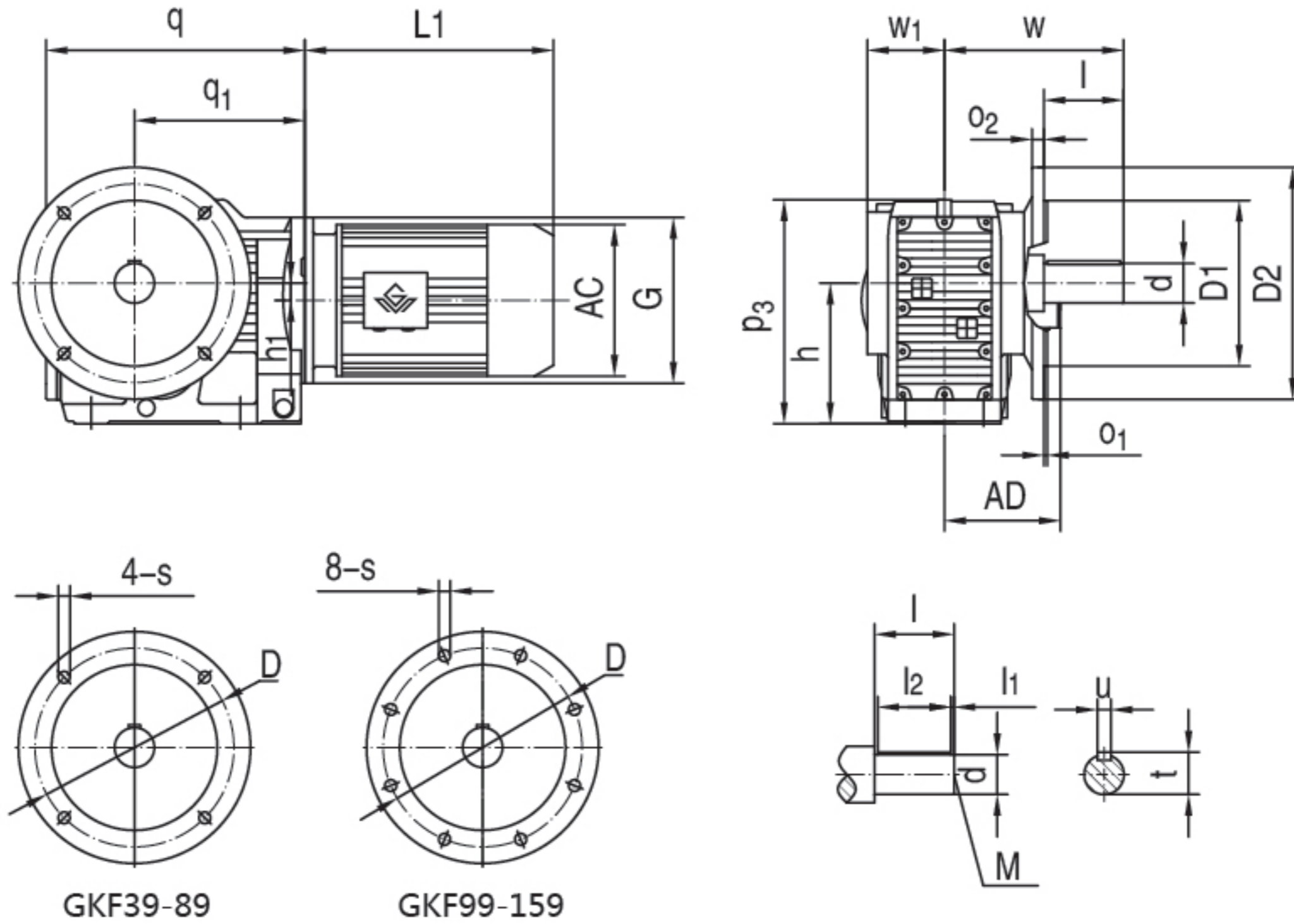


注： 1. 电机需方配或配特殊电机时需加联接法兰（见附录D）
2. 直联电机尺寸见附录A-2和A-3

Note:1.When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)
2.See Appendix A-2 and A-3 for dimensions of direct-connected motors.

GKF39-159
安装结构尺寸

GKF39-159
Mounting Dimensional Description



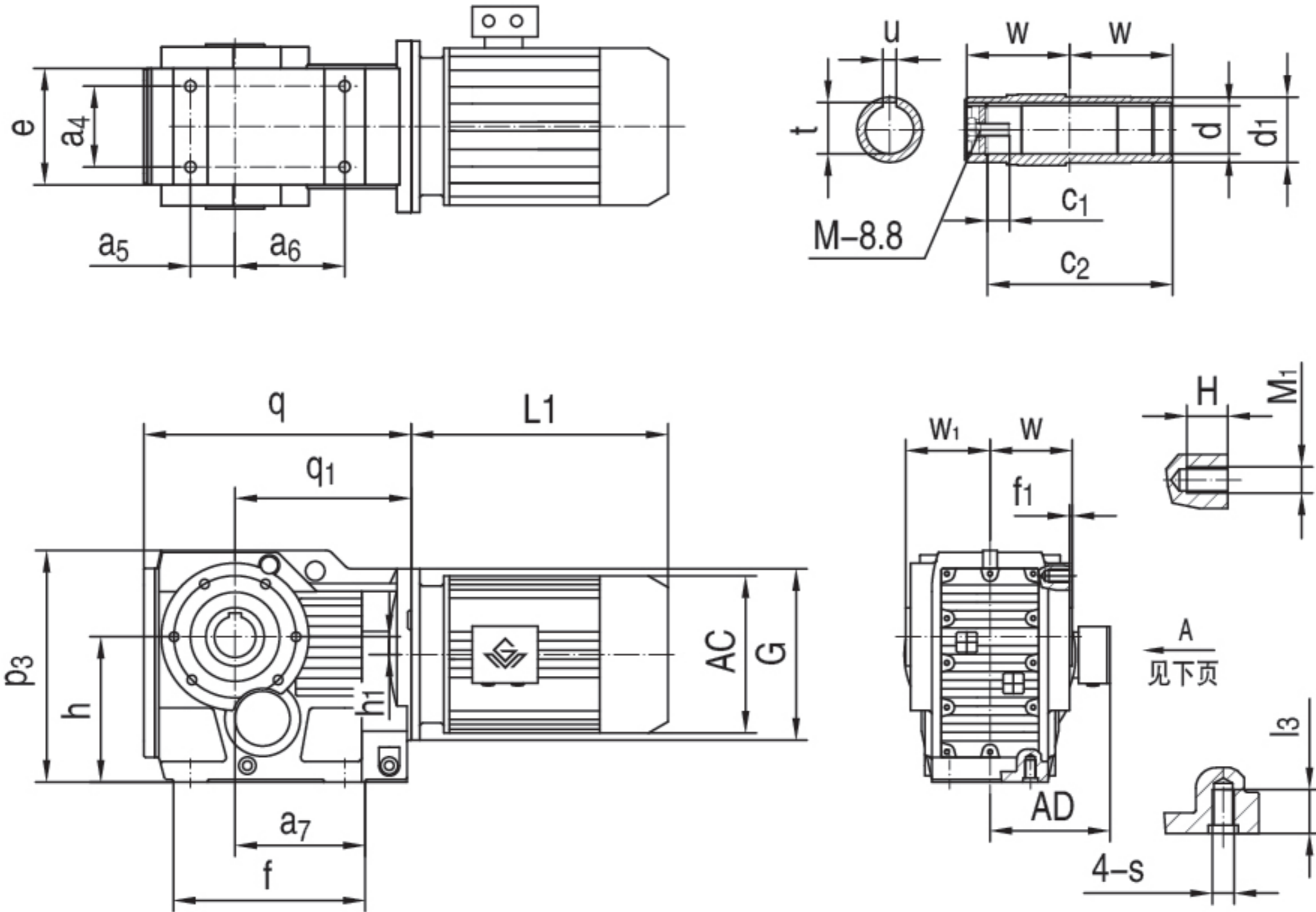
机型号 Type Size	s o ₂	q w	q ₁ w ₁	h ₁ l	D l ₁	D1 l ₂	D2 d	h M	p ₃ u	o ₁ t	G	电机尺寸 Motor Size		
												AC	AD	L1
GKF39	Φ9 10	210 134	139 57.5	8.5 50	Φ130 5	Φ110j6 40	Φ160 Φ25k6	100 ^{-0.5} M10	164 8	3.5 28	Φ120	见附录 A-2 和 A-3 Please see appendix A-2 and A-3		
GKF49	Φ11 12	243 160	166 72	7.2 60	Φ165 3.5	Φ130j6 50	Φ200 Φ30k6	112 ^{-0.5} M10	185 8	3.5 33	Φ160			
GKF59	Φ13.5 15	270 176.5	173 80	13.1 70	Φ215 7	Φ180j6 56	Φ250 Φ35k6	132 ^{-0.5} M12	215 10	4 38	Φ160			
GKF69	Φ13.5 15	275 193	179 86.5	20 80	Φ215 5	Φ180j6 70	Φ250 Φ40k6	140 ^{-0.5} M16	226 12	4 43	Φ160			
GKF79	Φ13.5 16	313 242	202 101	31.3 100	Φ265 10	Φ230j6 80	Φ300 Φ50k6	180 ^{-0.5} M16	288 14	4 53.5	Φ200			
GKF89	Φ17.5 18	391 270	257 146	25.9 120	Φ300 5	Φ250h6 110	Φ350 Φ60m6	212 ^{-0.5} M20	338 18	5 64	Φ250			
GKF99	Φ17.5 22	435 332	277 176	32.3 140	Φ400 7.5	Φ350h6 125	Φ450 Φ70m6	265 ⁻¹ M20	417 20	5 74.5	Φ300			
GKF109	Φ17.5 22	537 386	341 181	52 170	Φ400 5	Φ350h6 160	Φ450 Φ90m6	315 ⁻¹ M24	500 25	5 95	Φ350			
GKF129	Φ17.5 25	615 466	390 203	53 210	Φ500 15	Φ450h6 180	Φ550 Φ110m6	375 ⁻¹ M24	592 28	5 116	Φ450			
GKF159	Φ22 28	706 520	426 254	71.7 210	Φ600 5	Φ550h6 200	Φ660 Φ120m6	450 ⁻¹ M24	705 32	6 127	Φ550			

注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: 1. The dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.
2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GKA39-109
安装结构尺寸

GKA39-109
Mounting Dimensional Description



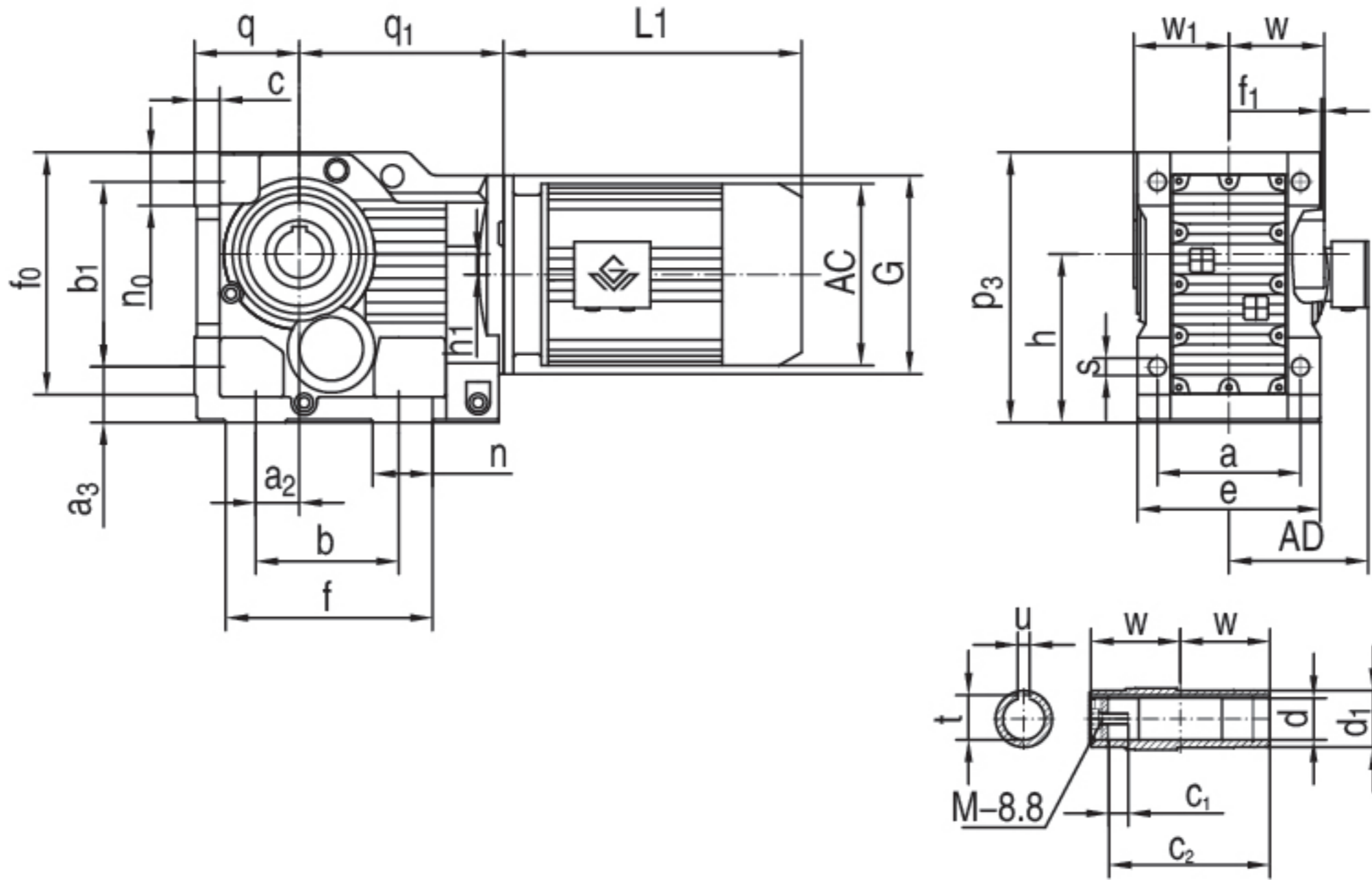
机型号 Type Size	s q	l ₃ q ₁	e w	a ₄ d	a ₅ d ₁	a ₆ t	a ₇ u	f f ₁	h H	h ₁ M ₁	p ₃ c ₁	c ₂ M	G w ₁	电机尺寸 Motor Size			
														AC	AD	L1	
GKA39	M10 210	20 139	100 60	60 Φ30H7	35 Φ45	82 33.3	97 8	147 2.5	100 _{-0.5} 15	8.5 M8	164 17	105 M10×25	Φ120 63	见附录 A-2 和 A-3 Please see appendix A-2 and A-3			
GKA49	M10 243	20 166	110 75	70 Φ35H7	40 Φ50	100 38.3	115 10	170 3	112 _{-0.5} 14	7.2 M8	185 22	132 M12×30	Φ160 78				
GKA59	M12 270	25 173	122 83	88 Φ40H7	47 Φ55	105 43.3	120 12	182 3	132 _{-0.5} 20	13.1 M12	215 29	142 M16×40	Φ160 86				
GKA69	M12 275	25 179	130 90	88 Φ40H7	42 Φ55	110 43.3	125 12	182 3.5	140 _{-0.5} 21	20 M12	226 29	156 M16×40	Φ160 94				
GKA79	M16 313	32 202	156 105	102 Φ50H7	48 Φ70	122 53.8	139 14	204 4	180 _{-0.5} 23	31.3 M12	288 32	183 M16×45	Φ200 108				
GKA89	M16 391	32 257	170 120	118 Φ60H7	65 Φ85	160 64.4	190 18	280 4	212 _{-0.5} 30	25.9 M16	338 36	210 M20×50	Φ250 123				
GKA99	M20 435	36 277	226 150	160 Φ70H7	83 Φ95	165 74.9	190 20	298 4	265 ₋₁ 28	32.3 M16	417 34	270 M20×50	Φ300 153				
GKA109	M24 537	44 341	268 175	190 Φ90H7	100 Φ118	190 95.4	230 25	370 3	315 ₋₁ /	52 /	500 40	313 M24×60	Φ350 178				

注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: 1. The dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.
2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GKA129-159
安装结构尺寸

GKA129-159
Mounting Dimensional Description



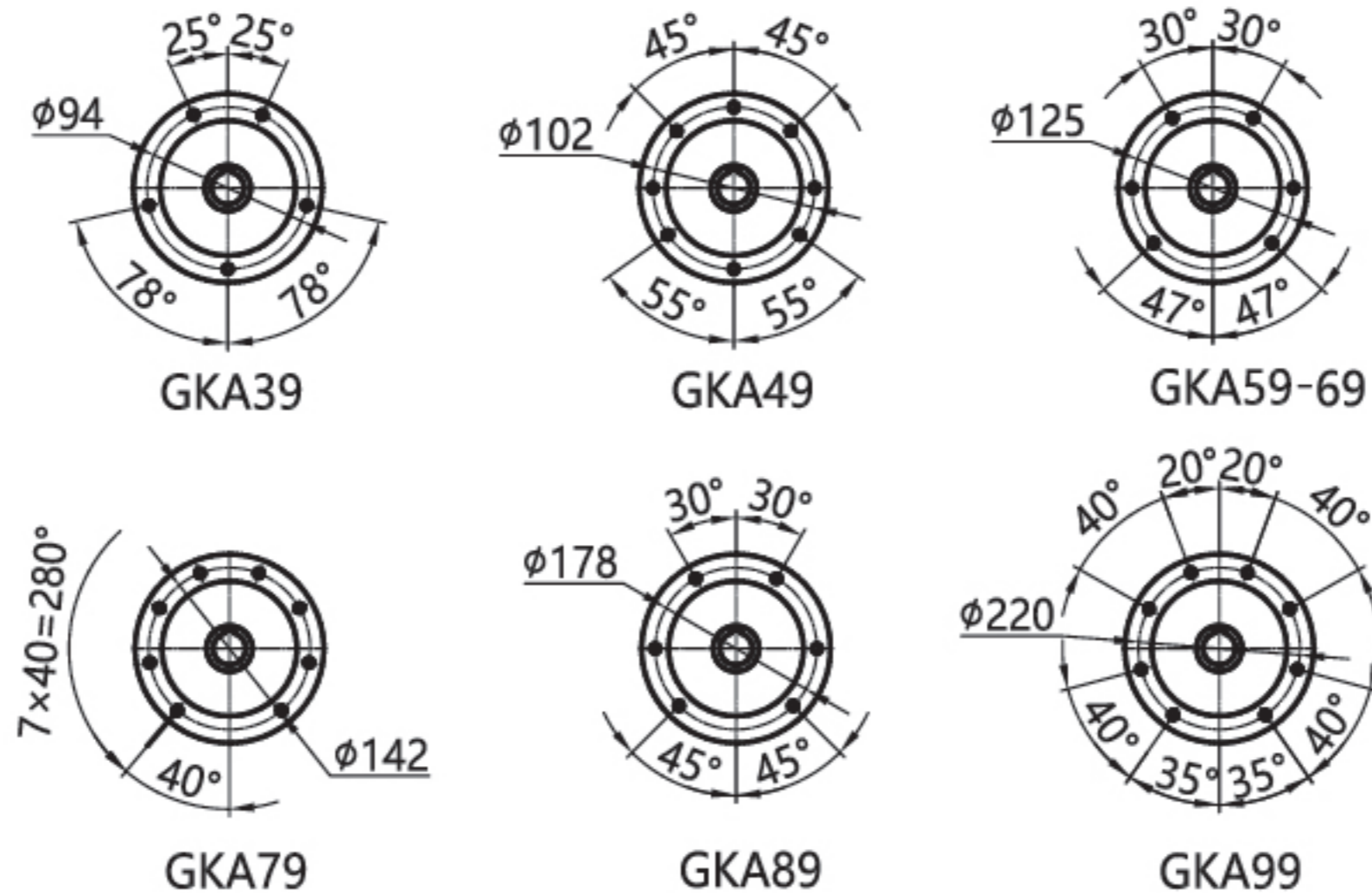
机型号 Type Size	s b	p ₃ a ₂	h n	a f ₀	e a ₃	f ₁ b ₁	w n ₀	d h ₁	d ₁ c	t q	u q ₁	f c ₁	c ₂ M	G w ₁	电机尺寸 Motor Size		
															AC	AD	L1
GKA129	Φ39 350	592 115	375 ₋₁ 100	330 526	400 110	2.5 420	205 111	Φ100H7 53	Φ135 45	106.4 225 _{-0.5}	28 390	440 38	373 M24×60	Φ450 208	见附录 A-2 和 A-3		
GKA159	Φ39 380	705 140	450 ₋₁ 100	420 634	500 130	3 500	250 125	Φ120H7 71.7	Φ155 54	127.4 280 ₋₁	32 426	480 36	460 M24×60	Φ550 253	Please see appendix A-2 and A-3		

注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

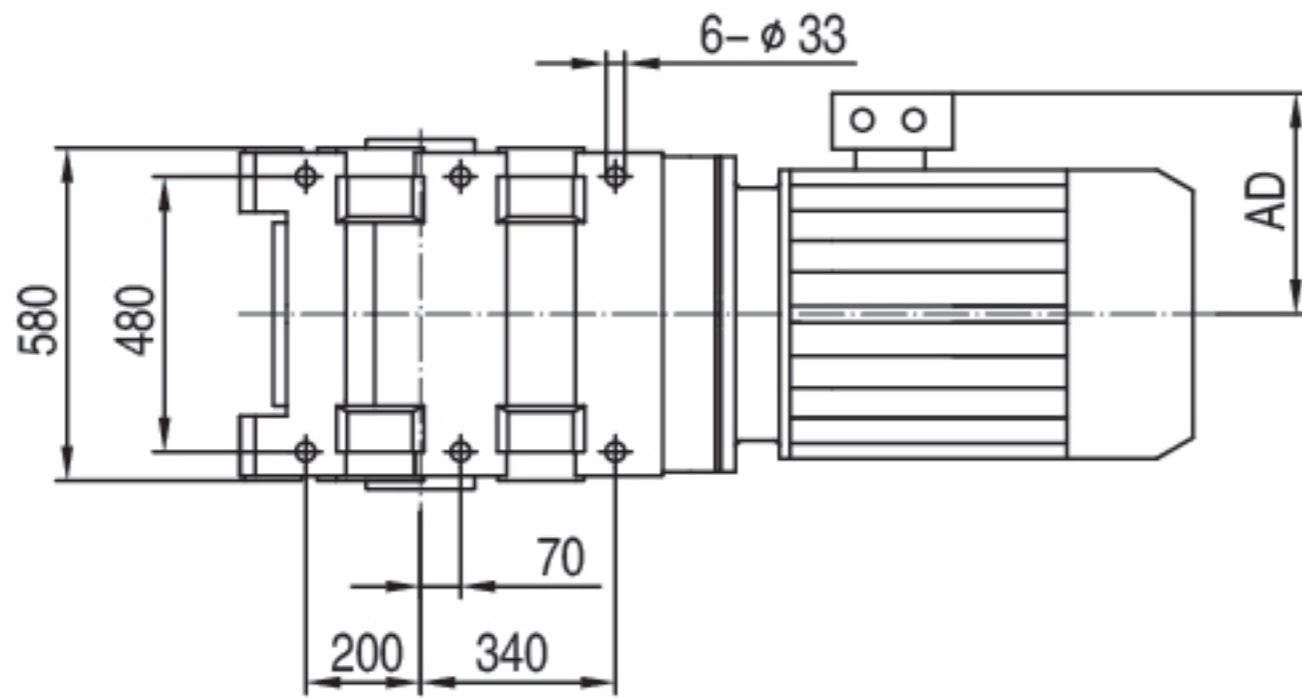
Note: 1. The dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.
2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

A 向法兰安装结构尺寸

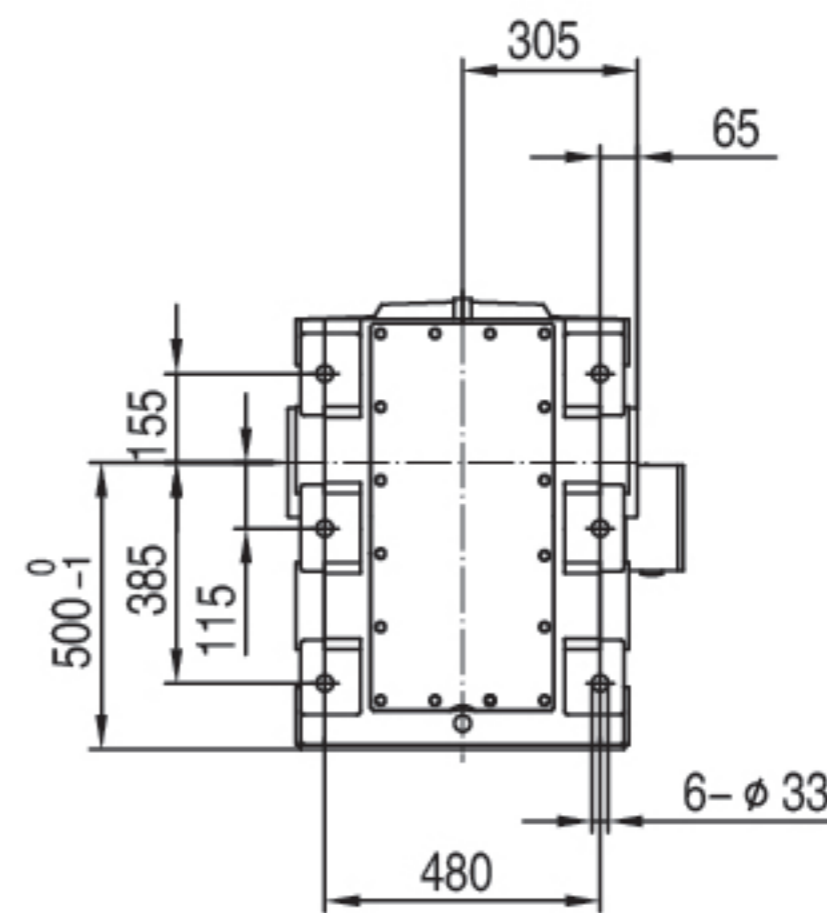
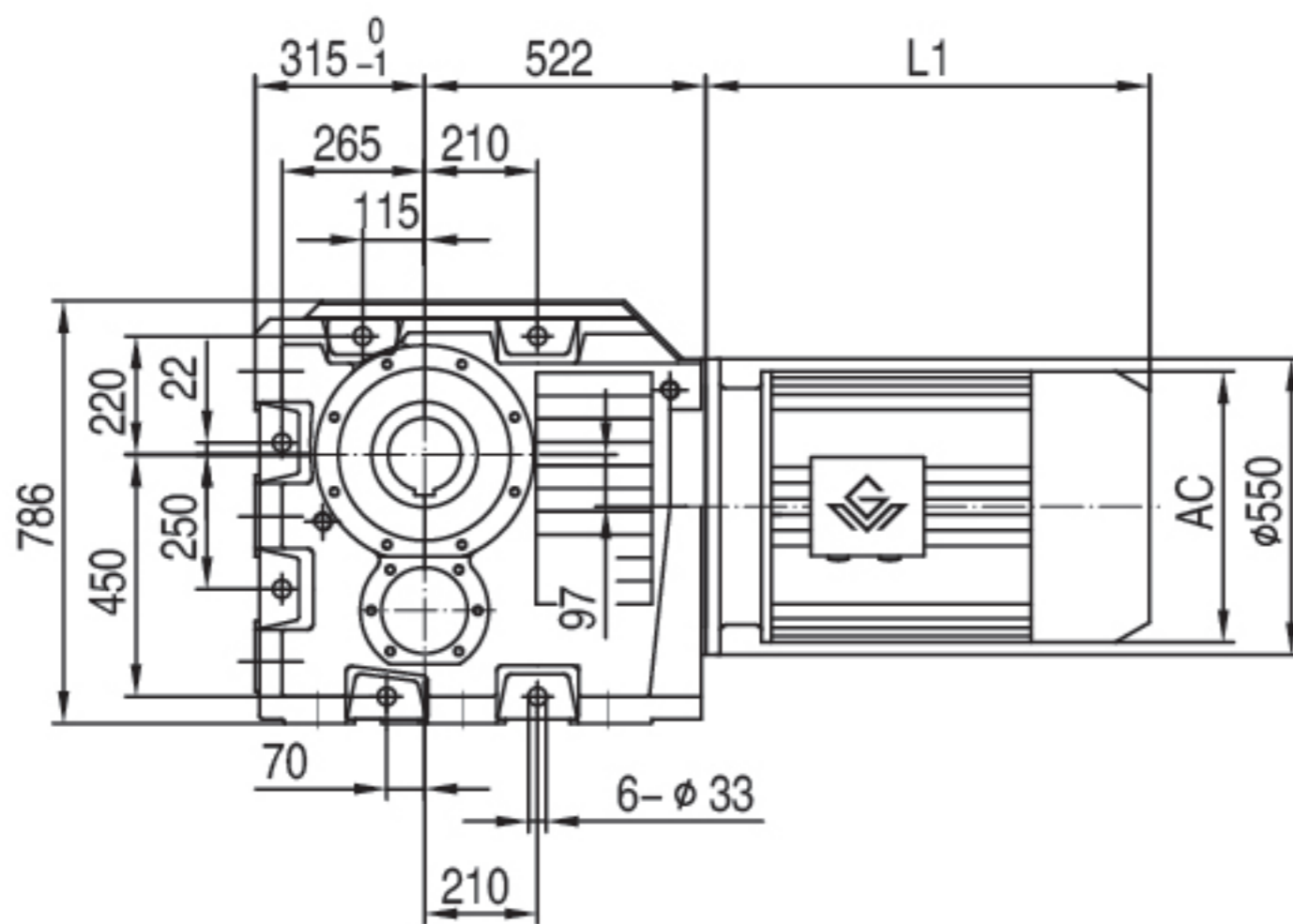
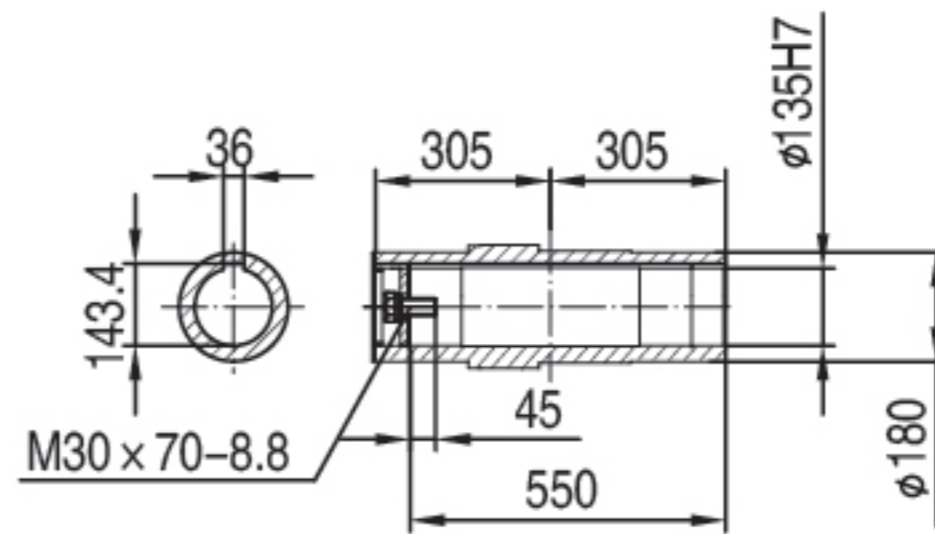
Fig.A Mounting Dimension



GKA169
安装结构尺寸



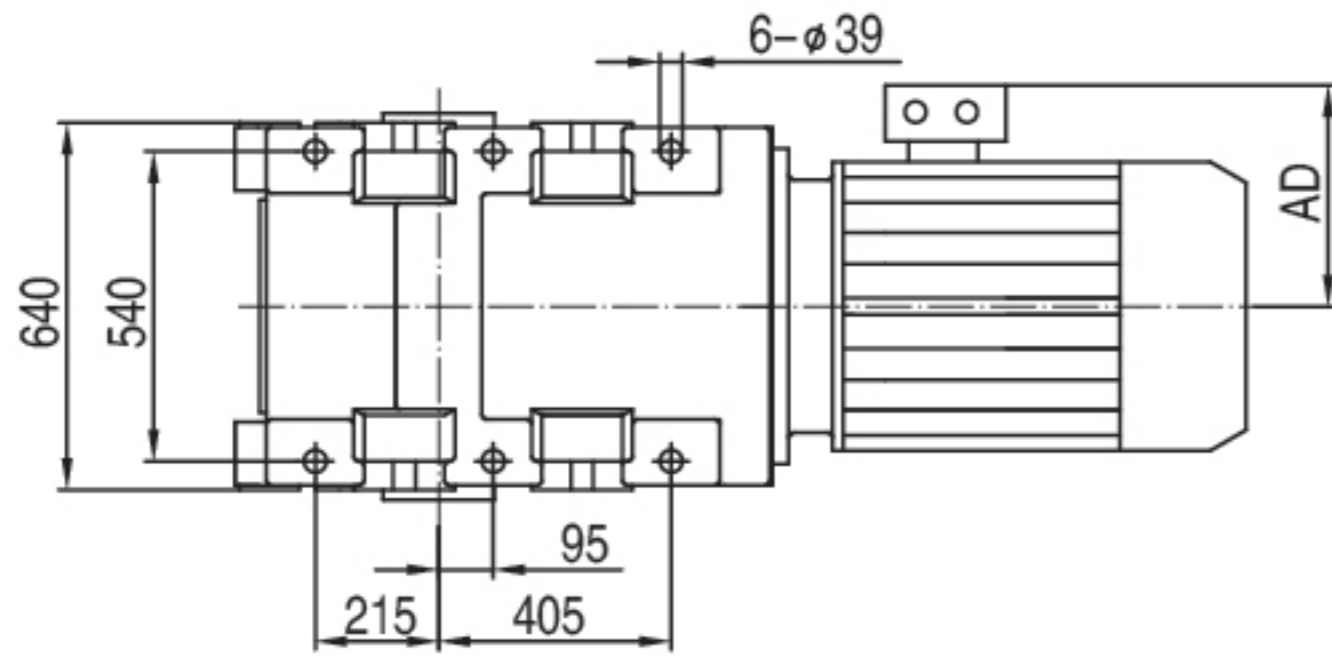
GKA169
Mounting Dimensional Description



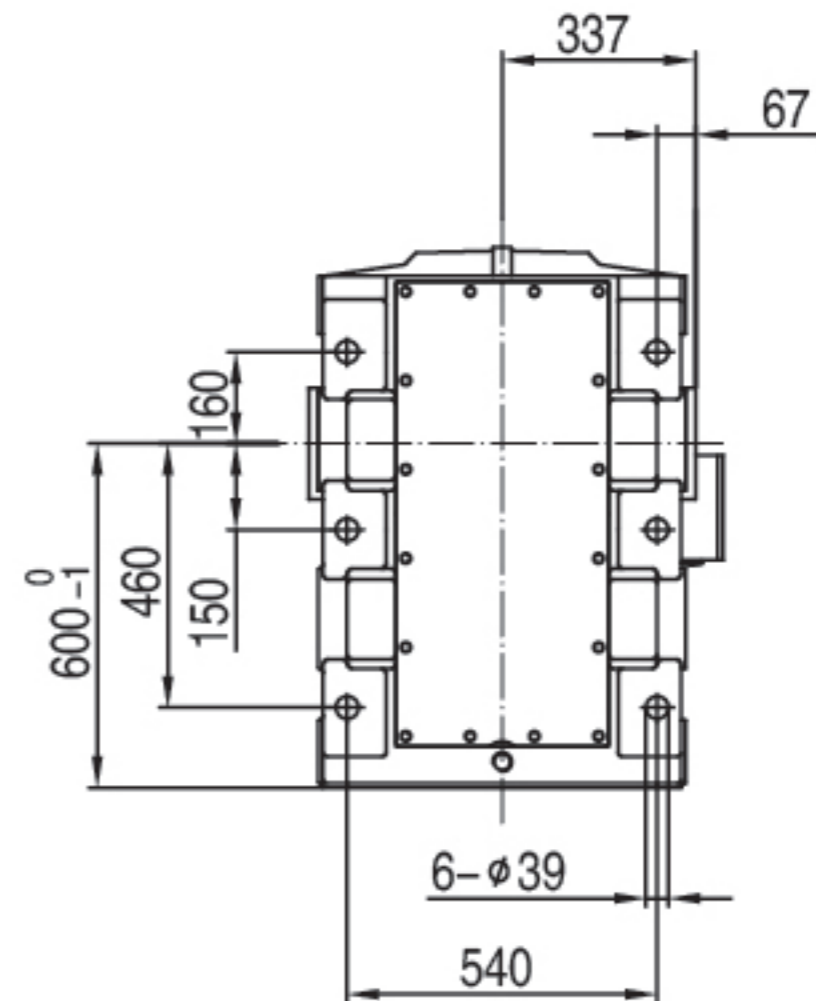
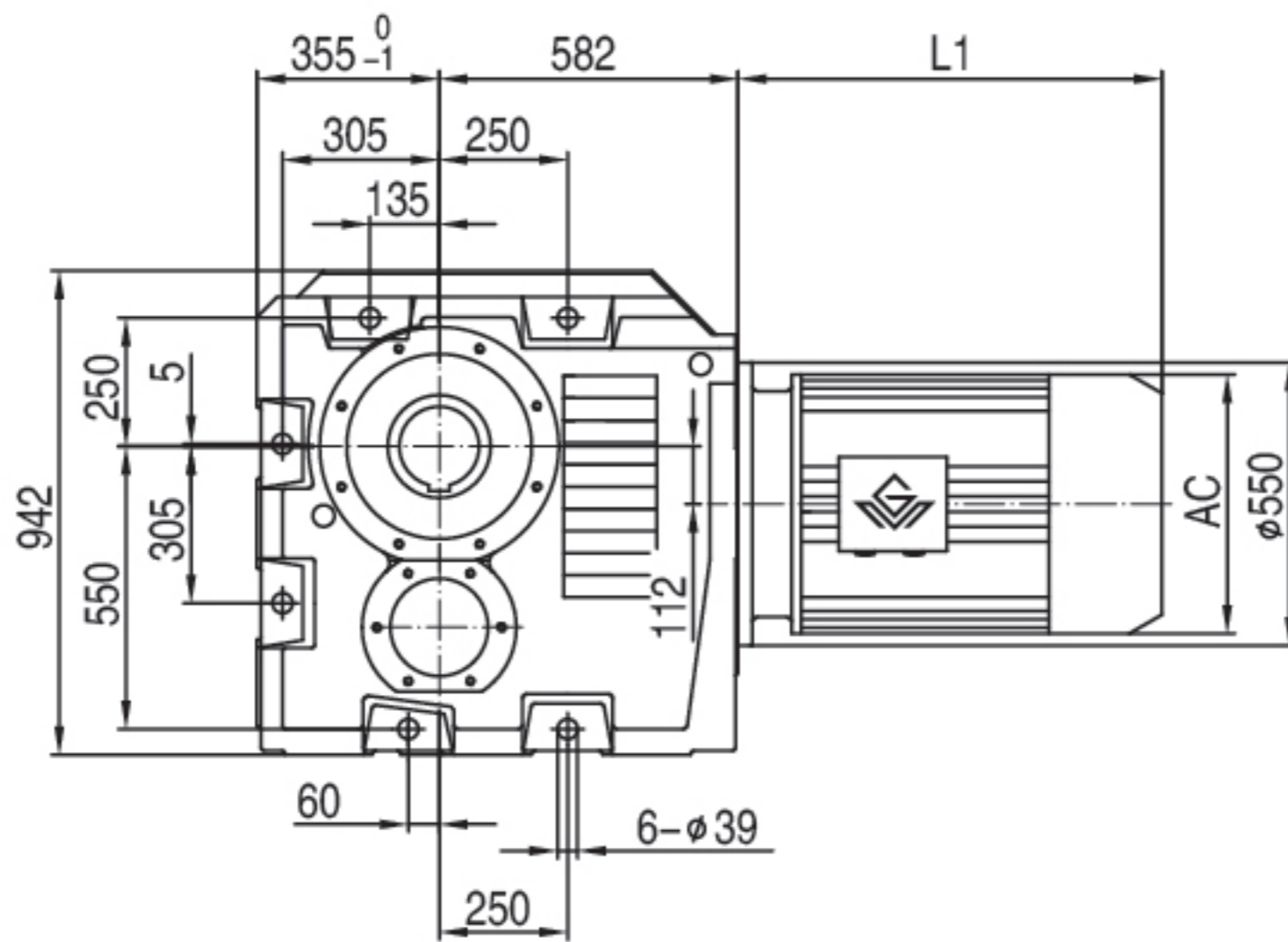
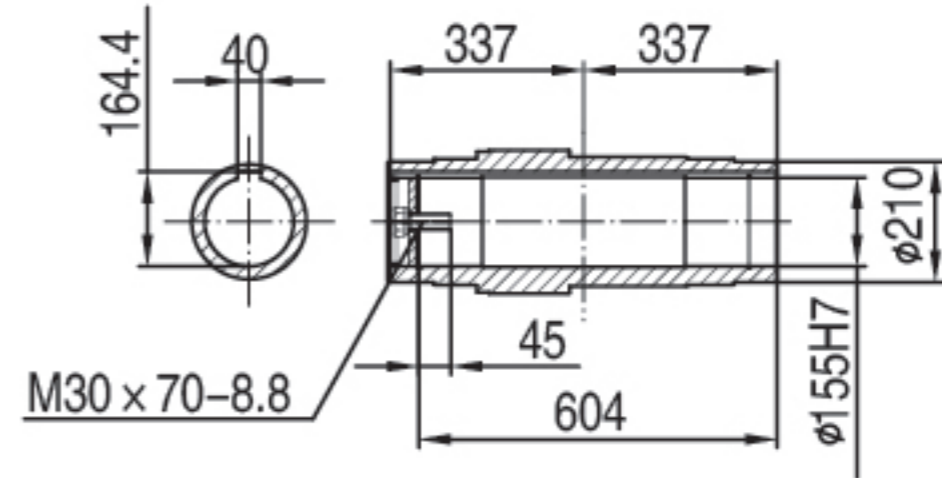
注： 1. 电机需方配或配特殊电机时需加联接法兰（见附录D）
2. 直联电机尺寸见附录A-2和A-3

Note:1.When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)
2.See Appendix A-2 and A-3 for dimensions of direct-connected motors.

GKA189
安装结构尺寸



GKA189
Mounting Dimensional Description

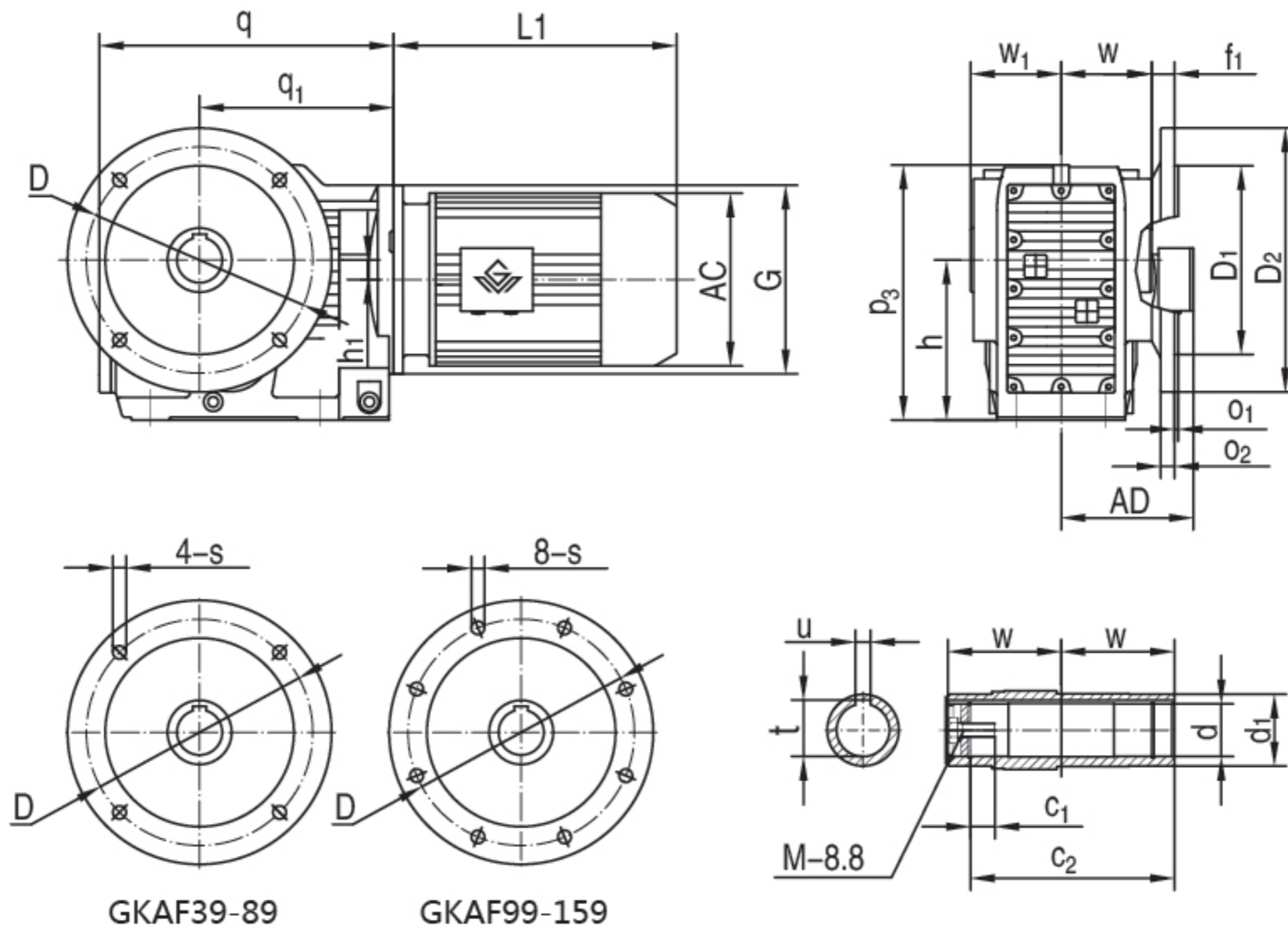


注：1. 电机需方配或配特殊电机时需加联接法兰（见附录D）
2. 直联电机尺寸见附录A-2和A-3

Note:1. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)
2. See Appendix A-2 and A-3 for dimensions of direct-connected motors.

GKAF39-159
安装结构尺寸

GKAF39-159
Mounting Dimensional Description



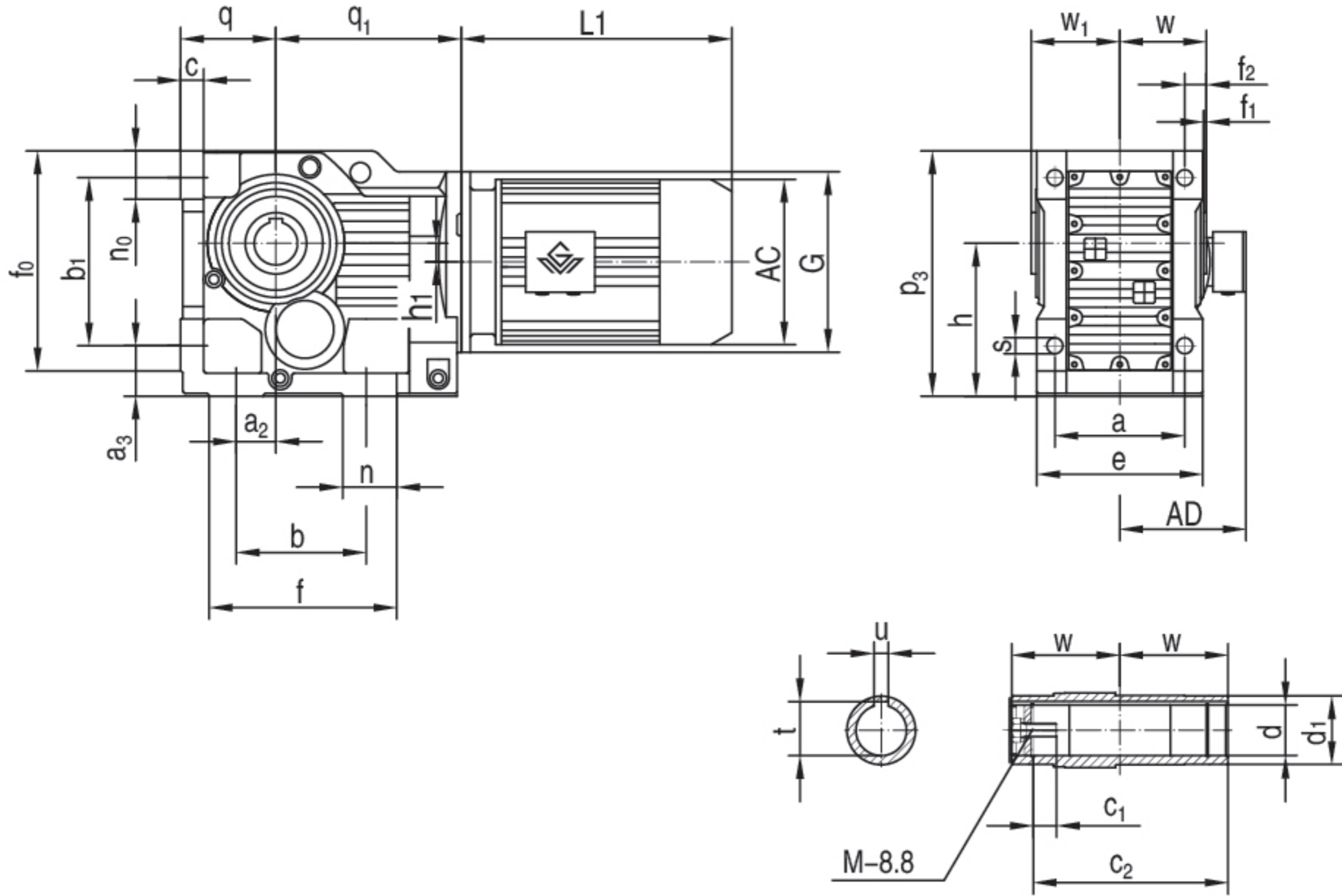
机型号 Type Size	s ϕ_{O1}	q ϕ_{O2}	q ₁ w	h ₁ f ₁	D d	D1 d ₁	D2 u	h t	p ₃ c ₁	c ₂ M	G w ₁	电机尺寸 Motor Size			
												AC	AD	L1	
GKAF39	$\phi 9$ 3.5	210 10	139 60	8.5 24	$\phi 130$ $\phi 30H7$	$\phi 110j6$ $\phi 45$	$\phi 160$ 8	100 ^{-0.5} 33.3	164 17	105 M10×25	$\phi 120$ 63	见附录 A-2 和 A-3 Please see appendix A-2 and A-3			
GKAF49	$\phi 11$ 3.5	243 12	166 75	7.2 25	$\phi 165$ $\phi 35H7$	$\phi 130j6$ $\phi 50$	$\phi 200$ 10	112 ^{-0.5} 38.3	185 22	132 M12×30	$\phi 160$ 78				
GKAF59	$\phi 13.5$ 4	270 15	173 83	13.1 23.5	$\phi 215$ $\phi 40H7$	$\phi 180j6$ $\phi 55$	$\phi 250$ 12	132 ^{-0.5} 43.3	215 29	142 M16×40	$\phi 160$ 86				
GKAF69	$\phi 13.5$ 4	275 15	179 90	20 23	$\phi 215$ $\phi 40H7$	$\phi 180j6$ $\phi 55$	$\phi 250$ 12	140 ^{-0.5} 43.3	226 29	156 M16×40	$\phi 160$ 94				
GKAF79	$\phi 13.5$ 4	313 16	202 105	31.3 37	$\phi 265$ $\phi 50H7$	$\phi 230j6$ $\phi 70$	$\phi 300$ 14	180 ^{-0.5} 53.8	288 32	183 M16×45	$\phi 200$ 108				
GKAF89	$\phi 17.5$ 5	391 18	257 120	25.9 30	$\phi 300$ $\phi 60H7$	$\phi 250h6$ $\phi 85$	$\phi 350$ 18	212 ^{-0.5} 64.4	338 36	210 M20×50	$\phi 250$ 123				
GKAF99	$\phi 17.5$ 5	435 22	277 150	32.3 41.5	$\phi 400$ $\phi 70H7$	$\phi 350h6$ $\phi 95$	$\phi 450$ 20	265 ⁻¹ 74.9	417 34	270 M20×50	$\phi 300$ 153				
GKAF109	$\phi 17.5$ 5	537 22	341 175	52 41	$\phi 400$ $\phi 90H7$	$\phi 350h6$ $\phi 118$	$\phi 450$ 25	315 ⁻¹ 95.4	500 40	313 M24×60	$\phi 350$ 178				
GKAF129	$\phi 17.5$ 5	615 25	390 205	53 51	$\phi 500$ $\phi 100H7$	$\phi 450h6$ $\phi 135$	$\phi 550$ 28	375 ⁻¹ 106.4	592 38	373 M24×60	$\phi 450$ 208				
GKAF159	$\phi 22$ 6	706 28	426 250	71.7 60	$\phi 600$ $\phi 120H7$	$\phi 550h6$ $\phi 155$	$\phi 660$ 32	450 ⁻¹ 127.4	705 36	460 M24×60	$\phi 550$ 253				

注： 1.减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
2.电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: 1.The dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.
2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GKAB49-109
安装结构尺寸

GKAB49-109
Mounting Dimensional Description



机型号 Type Size	s b	p_3 a_2	h n	a f_0	e a_3	f_1 b_1	w n_0	d h_1	d_1 c	t q	u q_1	f f_2	c_1 c_2	w ₁ M	G	电机尺寸 Motor Size			
																AC	AD	L1	
GKAB49	Φ11 130	185 35	112 _{.0.5} 32	120 170	145 37	3 130	75 37	Φ35H7 7.2	Φ50 18	38.3 71 _{.0.5}	10 166	162 15	22 132	78 M12×30	Φ160	见附录 A-2 和 A-3 Please see appendix A-2 and A-3			
GKAB59	Φ13.5 130	217 30	132 _{.0.5} 43	130 190	157 45	3 150	83 43	Φ40H7 13.1	Φ55 21	43.3 80 _{.0.5}	12 173	172 18	29 142	86 M16×40	Φ160				
GKAB69	Φ13.5 120	228 30	140 _{.0.5} 45	140 203	170 45	3.5 160	90 43	Φ40H7 20	Φ55 24	43.3 90 _{.0.5}	12 179	170 20	29 156	94 M16×40	Φ160				
GKAB79	Φ17.5 150	288 40	180 _{.0.5} 55	165 263	200 55	4 200	105 55	Φ50H7 31.3	Φ70 27	53.8 112 _{.0.5}	14 202	212.5 22.5	32 183	108 M16×45	Φ200				
GKAB89	Φ22 180	340 55	212 _{.0.5} 75	180 305	230 70	4 233	120 67	Φ60H7 25.9	Φ85 32	64.4 132 _{.0.5}	18 257	260 30	36 210	123 M20×50	Φ250				
GKAB99	Φ26 240	417 75	265 _{.1} 60	240 372	290 75	4 295	150 82	Φ70H7 32.3	Φ95 36	74.9 160 _{.0.5}	20 277	294 30	34 270	153 M20×50	Φ300				
GKAB109	Φ33 280	503 95	315 _{.1} 100	270 448	340 95	3 360	175 90	Φ90H7 52	Φ118 40	95.4 200 _{.0.5}	25 341	380 40	40 313	178 M24×60	Φ350				

注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

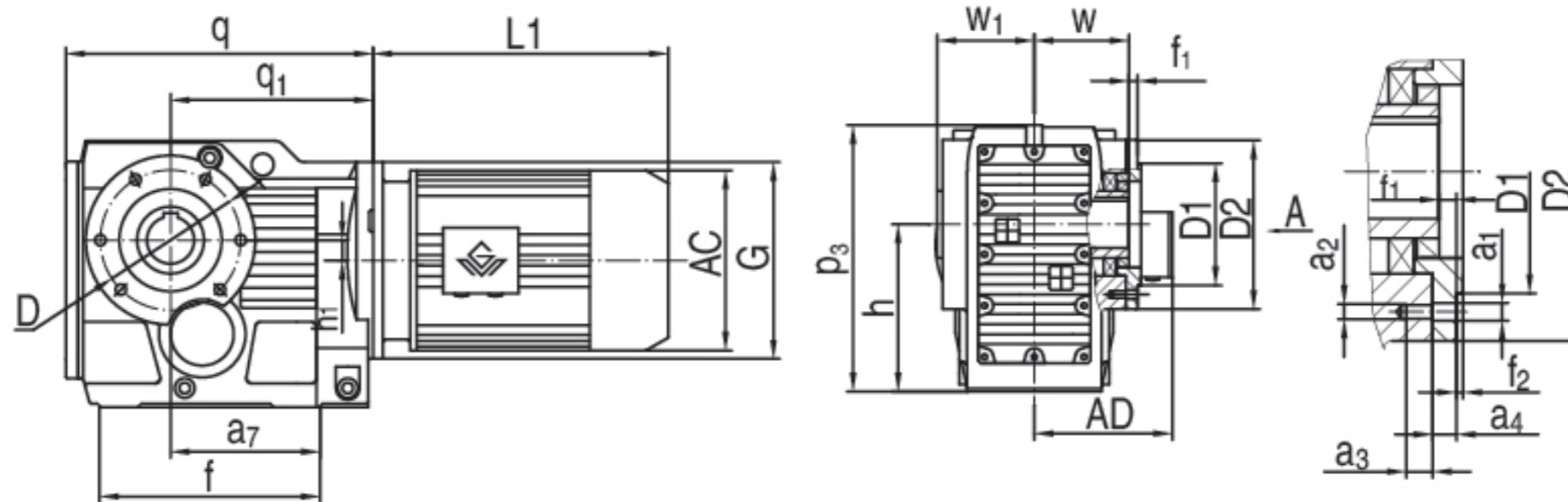
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: 1. The dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

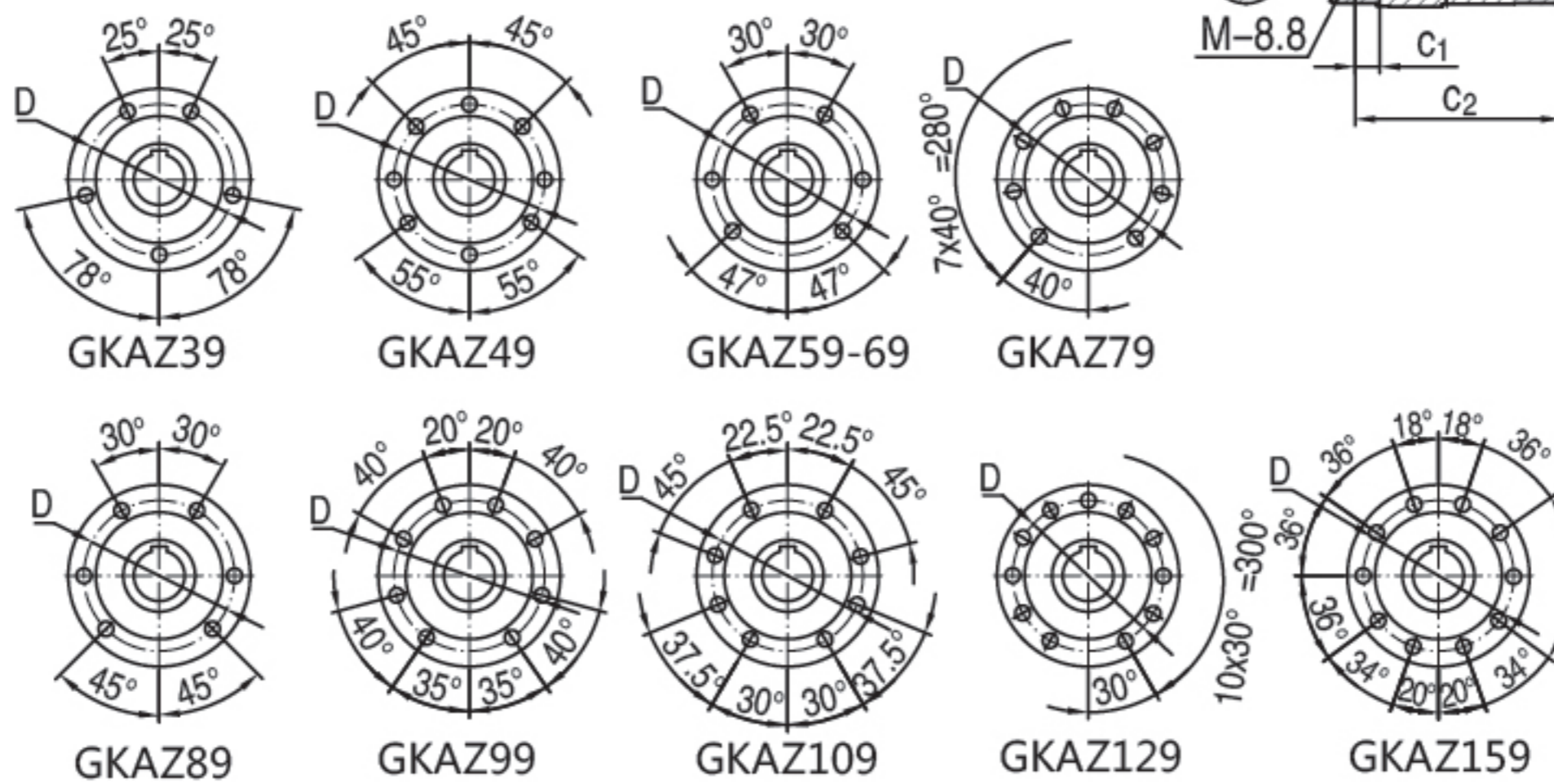
2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GKAZ39-159
安装结构尺寸

GKAZ39-159
Mounting Dimensional Description



A向法兰安装结构尺寸 (Fig.A Mounting Dimension)



机型号 Type Size	q q ₁	D1 D2	h h ₁	p ₃ a ₇	f f ₁	w w ₁	d d ₁	c ₂ c ₁	t u	a ₃ a ₄	f ₂ a ₂	a ₁ D	G M	电机尺寸 Motor Size							
														AC	AD	L1					
GKAZ39	210	Φ80j6	100 ^{-0.5}	164	147	60	Φ30H7	105	33.3	12	3	Φ9	Φ120	见附录 A-2 和 A-3 Please see appendix A-2 and A-3							
	139	Φ110	8.5	97	9	63	Φ45	17	8	11.5	M8	Φ94	M10×25								
GKAZ49	243	Φ80j6	112 ^{-0.5}	185	170	75	Φ35H7	132	38.3	12	3	Φ9	Φ160		见附录 A-2 和 A-3 Please see appendix A-2 and A-3						
	166	Φ120	7.2	115	8	78	Φ50	22	10	11	M8	Φ102	M12×30								
GKAZ59	270	Φ105j6	132 ^{-0.5}	215	182	83	Φ40H7	142	43.3	20	3.5	Φ13.5	Φ160			见附录 A-2 和 A-3 Please see appendix A-2 and A-3					
	173	Φ155	13.1	120	9	86	Φ55	29	12	12	M12	Φ125	M16×40								
GKAZ69	275	Φ105j6	140 ^{-0.5}	226	182	90	Φ40H7	156	43.3	21	3.5	Φ13.5	Φ160				见附录 A-2 和 A-3 Please see appendix A-2 and A-3				
	179	Φ155	20	125	8.5	94	Φ55	29	12	12	M12	Φ125	M16×40								
GKAZ79	313	Φ125j6	180 ^{-0.5}	288	204	105	Φ50H7	183	53.8	23	3.5	Φ13.5	Φ200					见附录 A-2 和 A-3 Please see appendix A-2 and A-3			
	202	Φ170	31.3	139	10	108	Φ70	32	14	14	M12	Φ142	M16×45								
GKAZ89	391	Φ155j6	212 ^{-0.5}	338	280	120	Φ60H7	210	64.4	30	4	Φ17.5	Φ250	见附录 A-2 和 A-3 Please see appendix A-2 and A-3							
	257	Φ215	25.9	190	11	123	Φ85	36	18	15	M16	Φ178	M20×50								
GKAZ99	435	Φ180j6	265 ⁻¹	417	298	150	Φ70H7	270	74.9	28	4	Φ17.5	Φ300		见附录 A-2 和 A-3 Please see appendix A-2 and A-3						
	277	Φ260	32.3	190	14	153	Φ95	34	20	18	M16	Φ220	M20×50								
GKAZ109	537	Φ210j6	315 ⁻¹	500	370	175	Φ90H7	313	95.4	32	4	Φ22	Φ350			见附录 A-2 和 A-3 Please see appendix A-2 and A-3					
	341	Φ304	52	230	-8	178	Φ118	40	25	22	M20	Φ260	M24×60								
GKAZ129	615	Φ250h6	375 ⁻¹	592	440	205	Φ100H7	373	106.4	36	5	Φ22	Φ450				见附录 A-2 和 A-3 Please see appendix A-2 and A-3				
	390	Φ350	53	275	0	208	Φ135	38	28	30	M20	Φ300	M24×60								
GKAZ159	706	Φ290h6	450 ⁻¹	705	480	250	Φ120H7	460	127.4	42	5	Φ26	Φ550					见附录 A-2 和 A-3 Please see appendix A-2 and A-3			
	426	Φ400	71.7	290	-14	253	Φ155	36	32	28	M24	Φ340	M24×60								

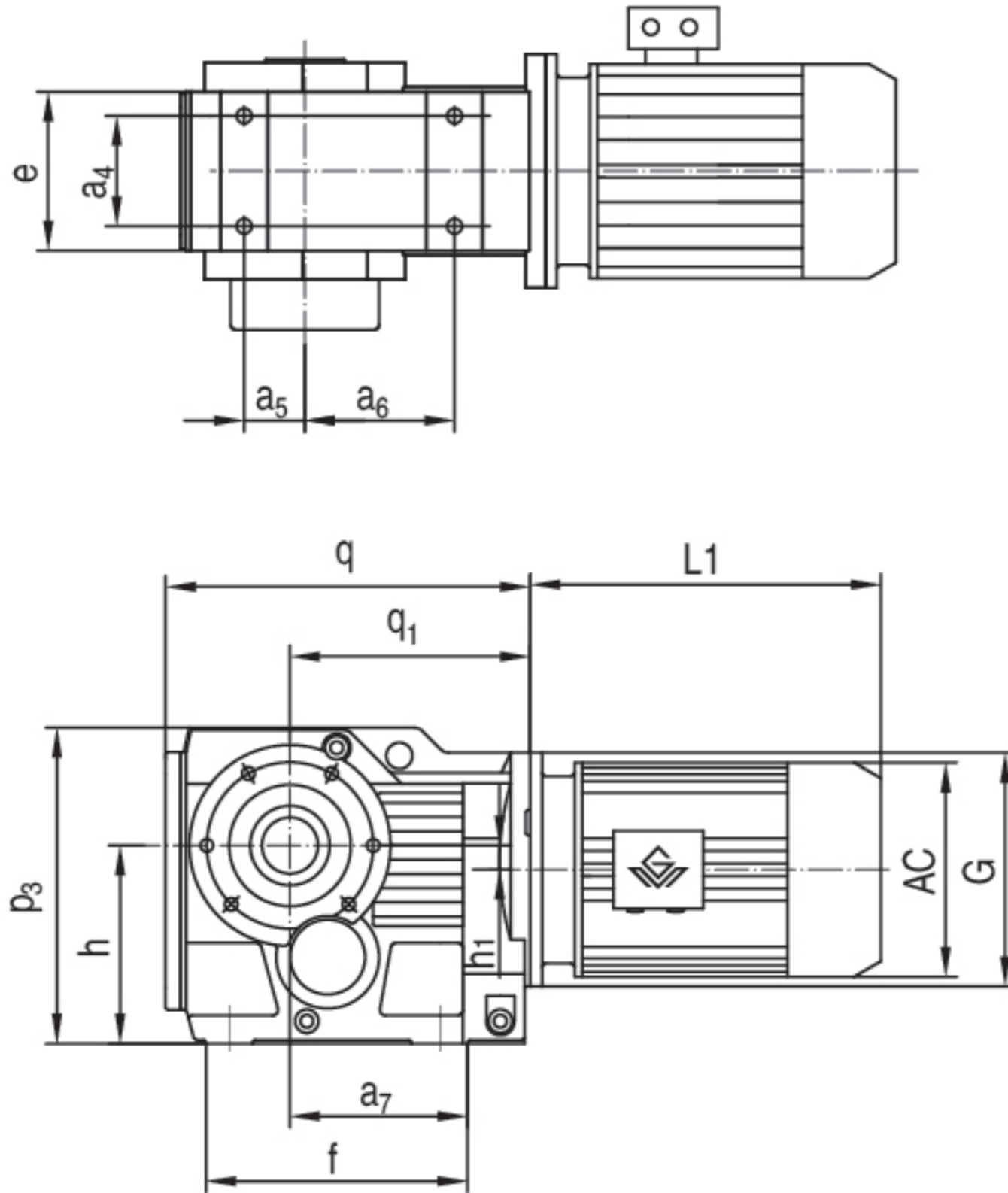
注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

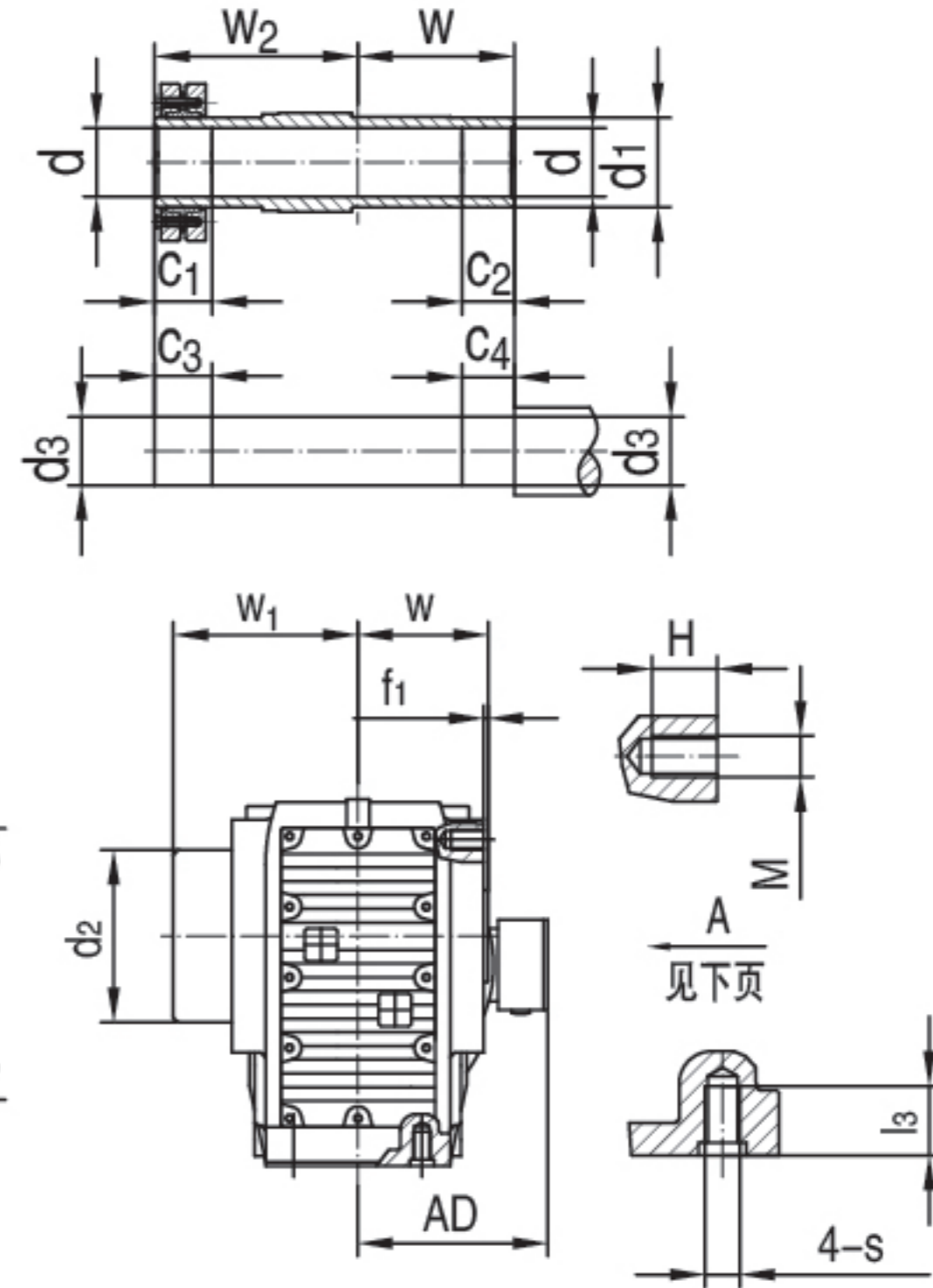
Note: 1. The dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GKH39-109
安装结构尺寸



GKH39-109
Mounting Dimensional Description



机型号 Type Size	q q ₁	h h ₁	e p ₃	a ₄ a ₅	a ₆ a ₇	f f ₁	d ₂ d ₁	d d ₃	w w ₁	w ₂ G	c ₁ c ₂	c ₃ c ₄	s l ₃	M H	电机尺寸 Motor Size			
															AC	AD	L1	
GKH39	210	100 ^{-0.5}	100	60	82	147	Φ80	Φ30H7	60	86	31	36	M10	M8	见附录 A-2 和 A-3 Please see appendix A-2 and A-3			
	139	8.5	164	35	97	2.5	Φ45	Φ30h6	95	Φ120	20	25	20	12				
GKH49	243	112 ^{-0.5}	110	70	100	170	Φ88	Φ35H7	75	102	32	37	M10	M8				
	166	7.2	185	40	115	3	Φ50	Φ35h6	110	Φ160	20	25	20	12				
GKH59	269	132 ^{-0.5}	122	88	105	182	Φ102	Φ40H7	83	112	26	31	M12	M12				
	173	13.1	215	47	120	3	Φ55	Φ40h6	120	Φ160	20	25	25	20				
GKH69	274	140 ^{-0.5}	130	88	110	182	Φ102	Φ40H7	90	118	38	43	M12	M12				
	179	20	226	42	125	3.5	Φ55	Φ40h6	126	Φ160	20	25	25	20				
GKH79	312	180 ^{-0.5}	154	102	122	204	Φ127	Φ50H7	105	136	36	41	M16	M12				
	202	31.3	288	48	139	4	Φ70	Φ50h6	146	Φ200	30	35	32	20				
GKH89	390	212 ^{-0.5}	170	118	160	280	Φ159	Φ65H7	120	161	41	46	M16	M16				
	257	25.9	338	65	190	4	Φ85	Φ65h6	170	Φ250	40	45	32	26				
GKH99	435	265 ⁻¹	226	160	165	298	Φ174	Φ75H7	150	195	55	60	M20	M16				
	277	32.3	417	83	190	4	Φ95	Φ75h6	206	Φ300	50	55	36	26				
GKH109	537	315 ⁻¹	266	190	190	370	Φ234	Φ95H7	175	230	65	75	M24	/				
	341	52	500	100	230	2.5	Φ118	Φ95h6	245	Φ350	60	70	44	/				

注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

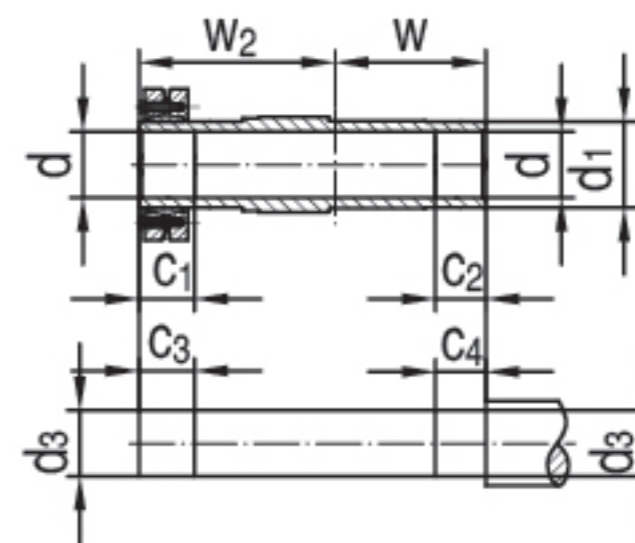
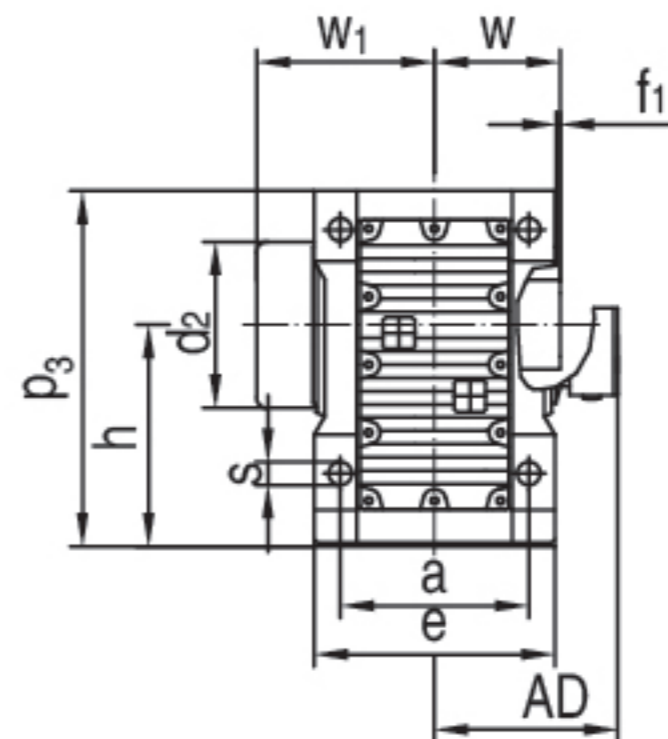
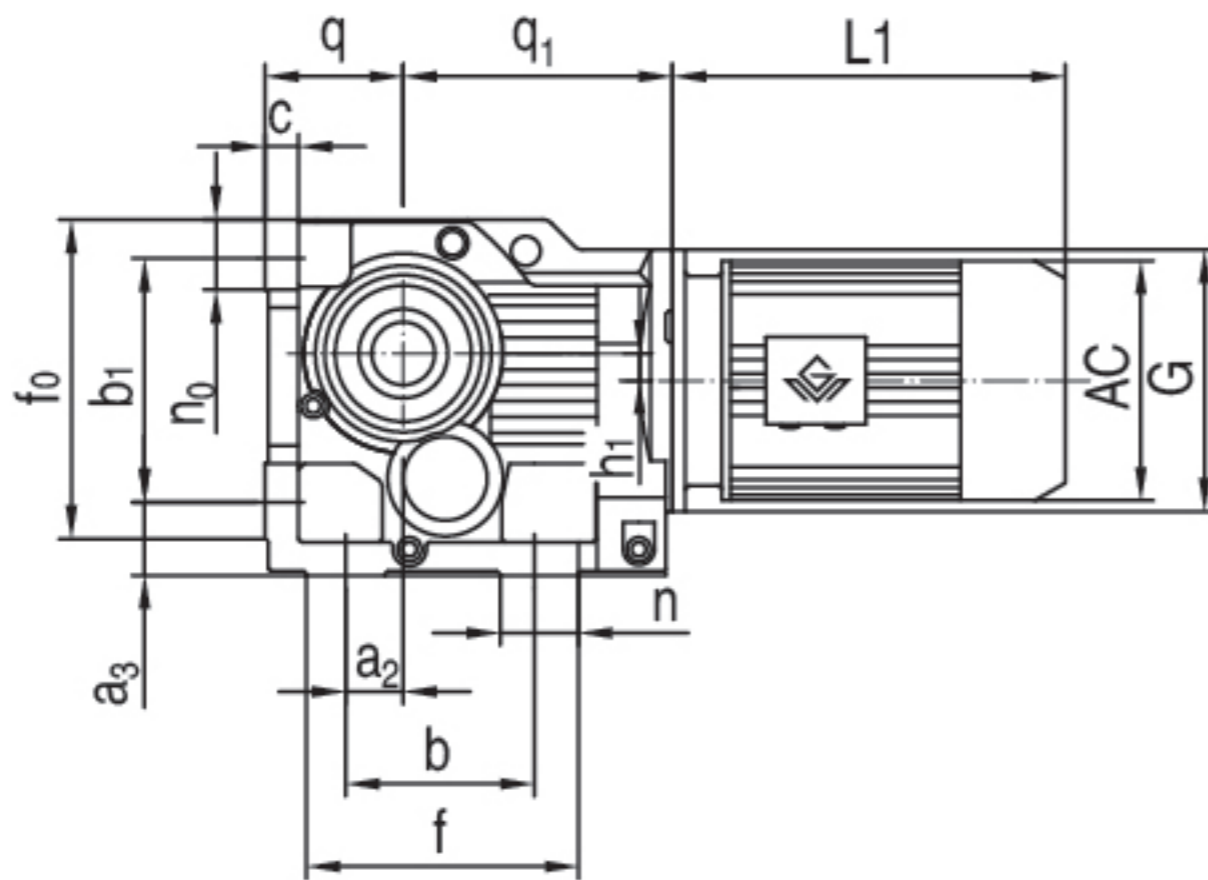
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: 1. The dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GKH129-159
安装结构尺寸

GKH129-159
Mounting Dimensional Description



机型号 Type Size	q ₁ q	c s	n ₀ b ₁	f ₀ a ₃	f n	a ₂ b	h p ₃	a e	w w ₁	w ₂ f ₁	c ₁ c ₂	c ₃ c ₄	d ₂ d ₁	d d ₃	h ₁ G	电机尺寸 Motor Size		
																AC	AD	L1
GKH129	390	45	111	526	440	115	375 ₋₁	330	205	280	85	95	Φ250	Φ105H7	53	见附录 A-2 和 A-3 Please see appendix A-2 and A-3		
	225 _{-0.5}	Φ39	420	110	100	350	592	400	296	2.5	70	80	Φ135	Φ105h6	Φ450			
GKH159	426	54	125	634	480	140	450 ₋₁	420	250	330	90	100	Φ287	Φ125H7	71.7	见附录 A-2 和 A-3 Please see appendix A-2 and A-3		
	280 ₋₁	Φ39	500	130	100	380	705	500	350	3	80	90	Φ155	Φ125h6	Φ550			

注： 1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

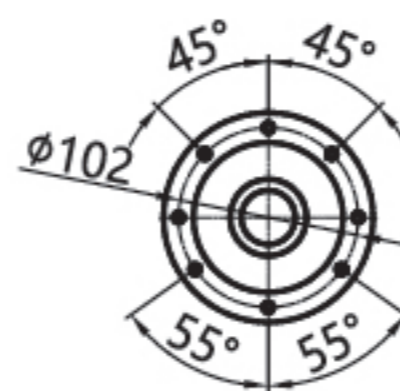
Note: 1. The dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.
2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

A 向法兰安装结构尺寸

Fig.A Mounting Dimension



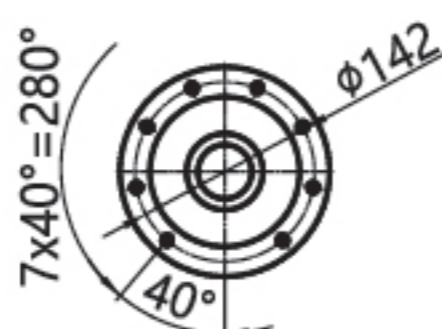
GKH39



GKH49



GKH59-69



GKH79



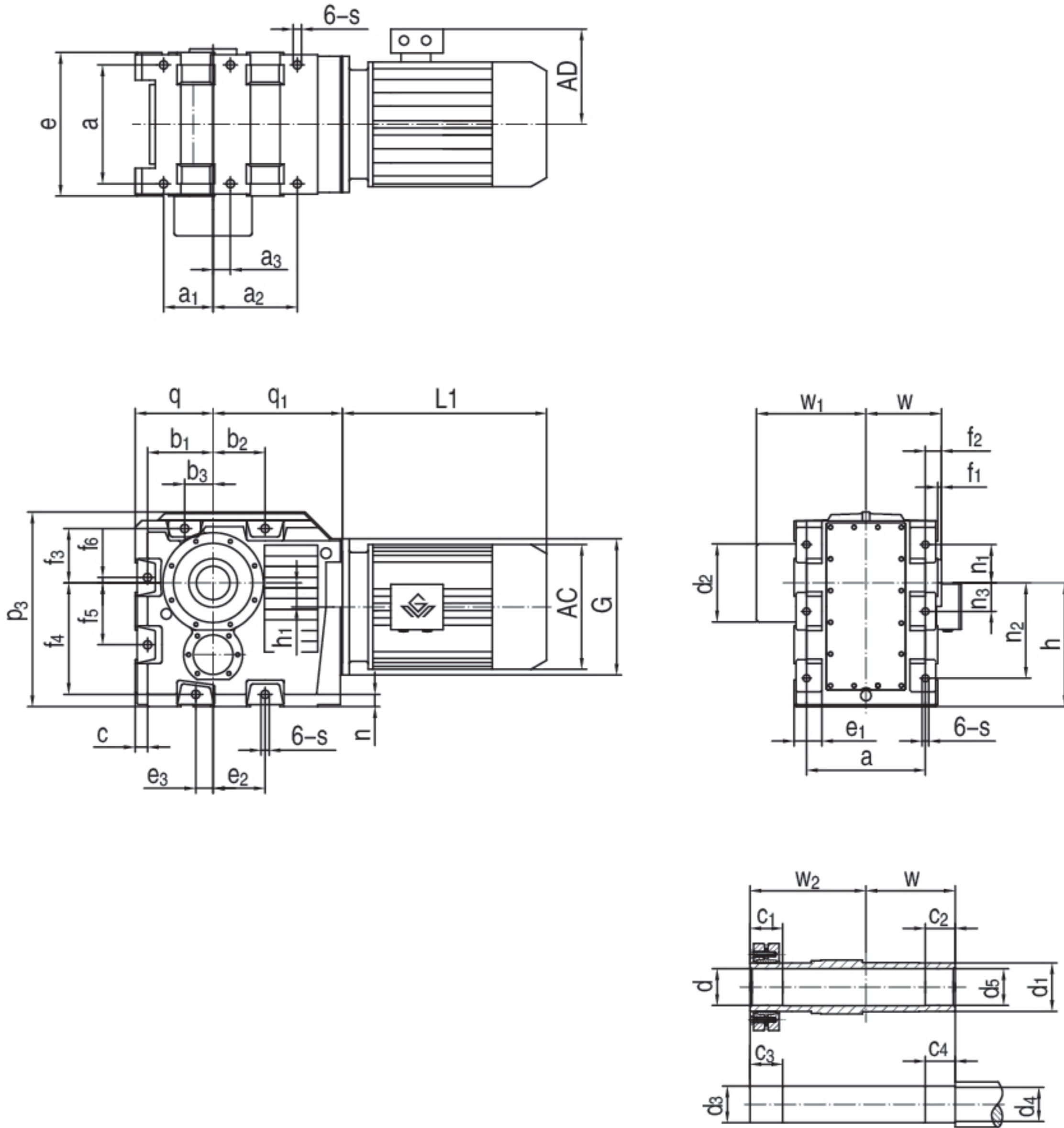
GKH89



GKH99

GKH169-189
安装结构尺寸

GKH169-189
Mounting Dimensional Description



机型号 Type size	a_1	p_3	b_1	f_3	f_6	e_2	a	h	n_3	c_1	c_4	w_2	d	d_4	电机尺寸 Motor size							
	a_2	q	b_2	f_4	h_1	e_3	f_2	n_1	e	c_2	w	s	d_5	d_1	AC	AD	L1					
	a_3	q_1	b_3	f_5	n	c	f_1	n_2	e_1	c_3	w_1	d_2	d_3	G								
GKH169	200	786	265	220	22	210	480	500 ⁻¹	115	122	100	423	Φ135H7	Φ140h6	见附录 A-2 和 A-3 Please see appendix A-2 and A-3							
	340	315 ⁻¹	210	450	97	70	65	155	580	90	305	Φ33	Φ140H7	Φ180								
	70	522	115	250	50	50	15	385	104	130	442	Φ317	Φ135h6	Φ550								
GKH189	215	942	305	250	5	250	540	600 ⁻¹	150	117	105	455	Φ155H7	Φ160h6					见附录 A-2 和 A-3 Please see appendix A-2 and A-3			
	405	355 ⁻¹	250	550	112	60	67	160	640	95	337	Φ39	Φ160H7	Φ210								
	95	582	135	305	50	50	17	460	110	130	474	Φ367	Φ155h6	Φ550								

注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

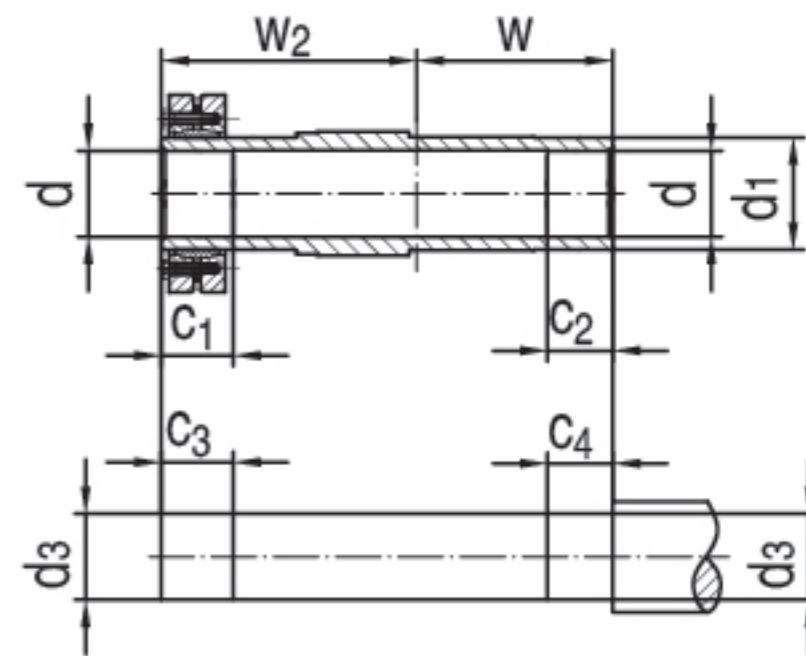
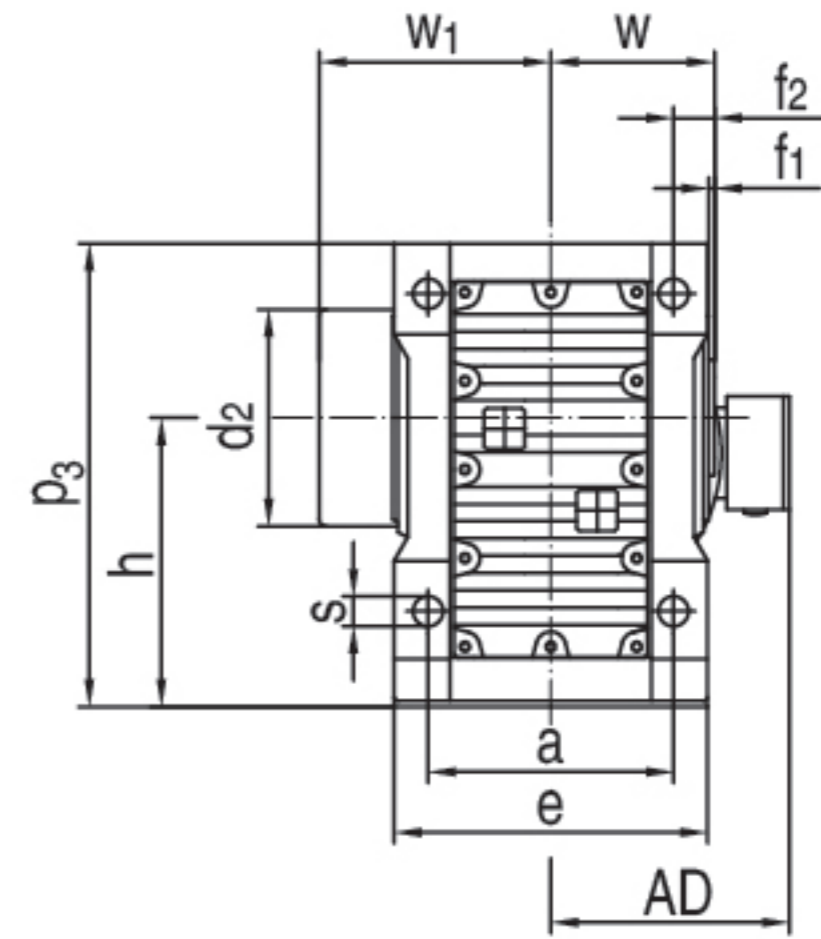
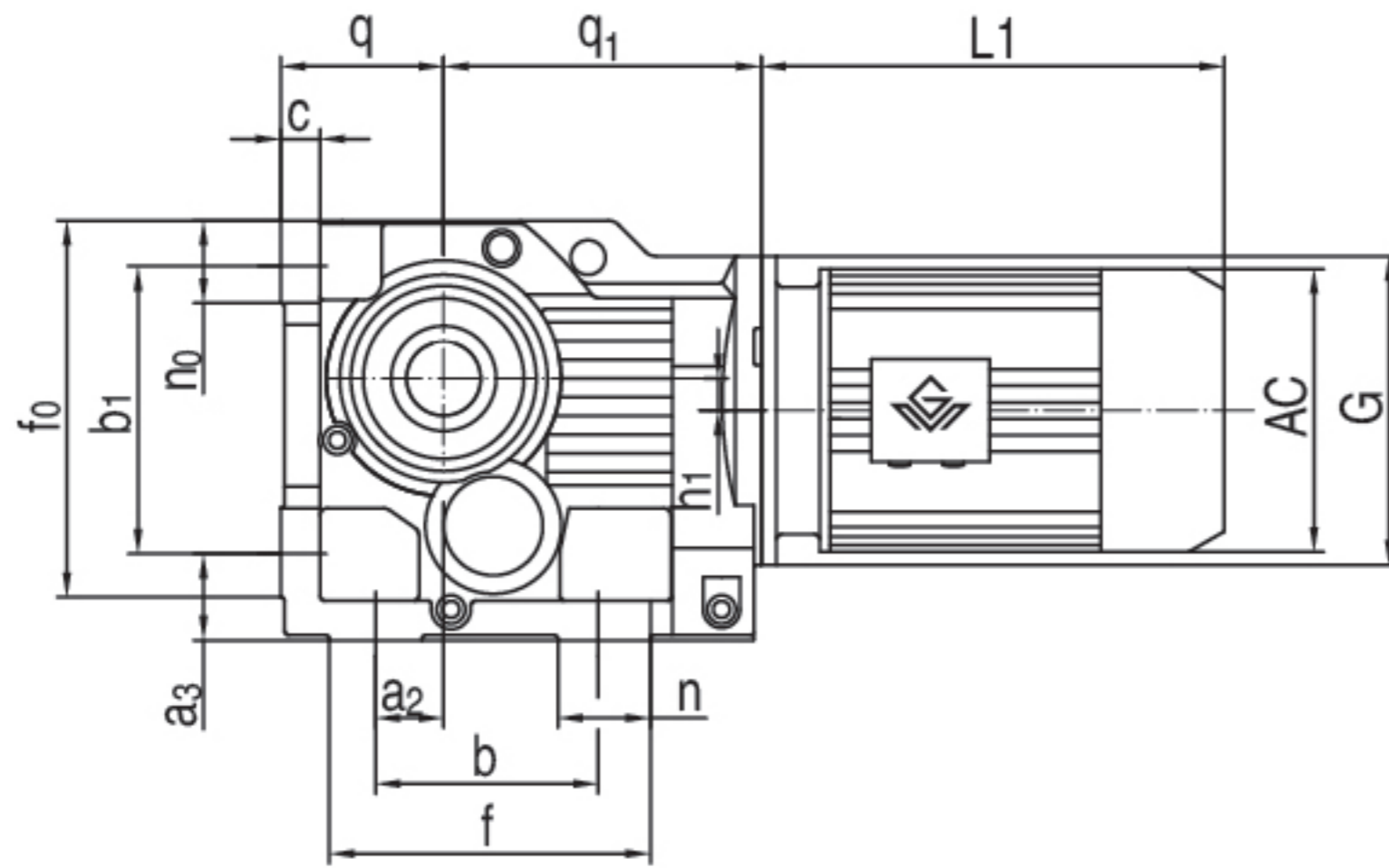
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: 1. The dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GKHB49-109
安装结构尺寸

GKHB49-109
Mounting Dimensional Description



机型号 Type Size	q q ₁	s b	p ₃ a ₂	h n	a b ₁	e a ₃	f ₀ f ₁	w n ₀	d d ₃	c h ₁	d ₁ d ₂	f f ₂	c ₁ c ₂	c ₃ c ₄	w ₁ w ₂	G	电机尺寸 Motor Size			
																	AC	AD	L1	
GKHB49	71 _{-0.5}	Φ11	185	112 _{-0.5}	120	145	170	75	Φ35H7	18	Φ50	162	32	37	110	Φ160	见附录 A-2 和 A-3 Please see appendix A-2 and A-3			
	166	130	35	32	130	37	3	37	Φ35h6	7.2	Φ88	15	20	25	102					
GKHB59	80 _{-0.5}	Φ13.5	217	132 _{-0.5}	130	157	190	83	Φ40H7	21	Φ55	172	26	31	120	Φ160				
	173	130	30	40	150	45	3	43	Φ40h6	13.1	Φ102	18	20	25	112					
GKHB69	90 _{-0.5}	Φ13.5	228	140 _{-0.5}	140	170	203	90	Φ40H7	24	Φ55	170	38	43	126	Φ160				
	179	120	30	45	160	45	3.5	43	Φ40h6	20	Φ102	20	20	25	118					
GKHB79	112 _{-0.5}	Φ17.5	288	180 _{-0.5}	165	200	263	105	Φ50H7	27	Φ70	212.5	36	41	146	Φ200				
	202	150	40	55	200	45	4	55	Φ50h6	31.3	Φ127	22.5	30	35	136					
GKHB89	132 _{-0.5}	Φ22	340	212 _{-0.5}	180	230	305	120	Φ65H7	32	Φ85	260	41	46	170	Φ250				
	257	180	55	75	233	70	4	67	Φ65h6	25.9	Φ159	30	40	45	161					
GKHB99	160 _{-0.5}	Φ26	417	265 ₋₁	240	290	372	150	Φ75H7	36	Φ95	294	55	60	206	Φ300				
	277	240	75	60	295	75	4	82	Φ75h6	32.3	Φ174	30	50	55	195					
GKHB109	200 _{-0.5}	Φ33	503	315 ₋₁	270	340	448	175	Φ95H7	40	Φ118	380	65	75	245	Φ350				
	341	280	95	100	360	95	3	90	Φ95h6	52	Φ234	40	60	70	230					

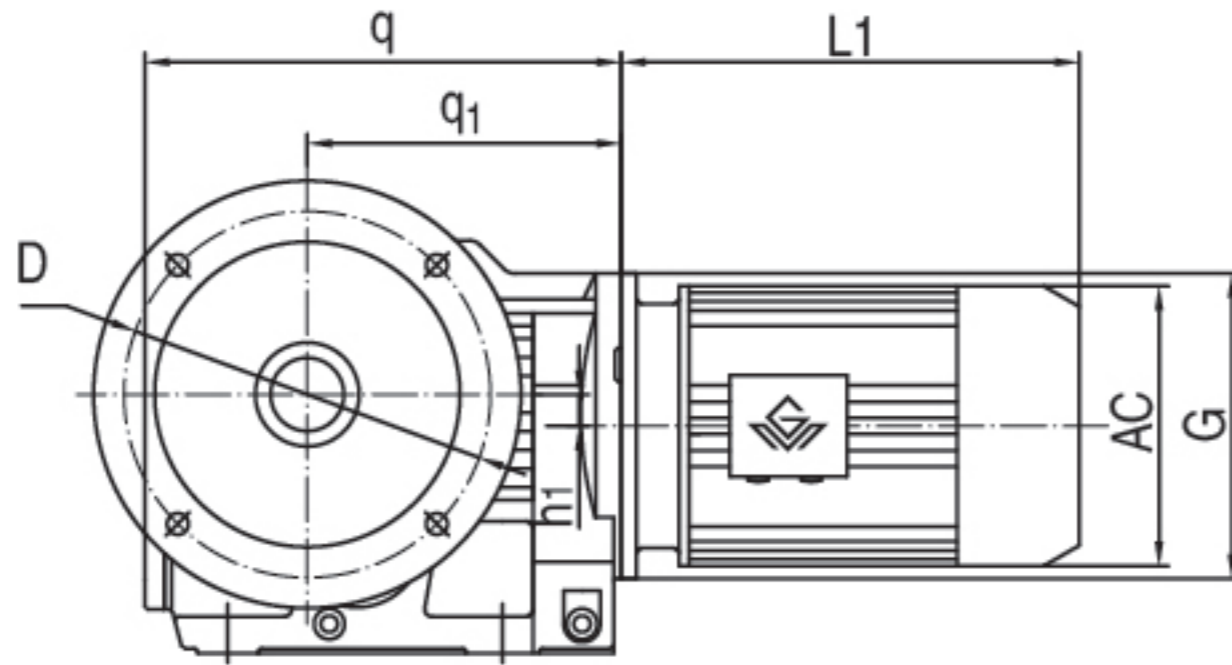
注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

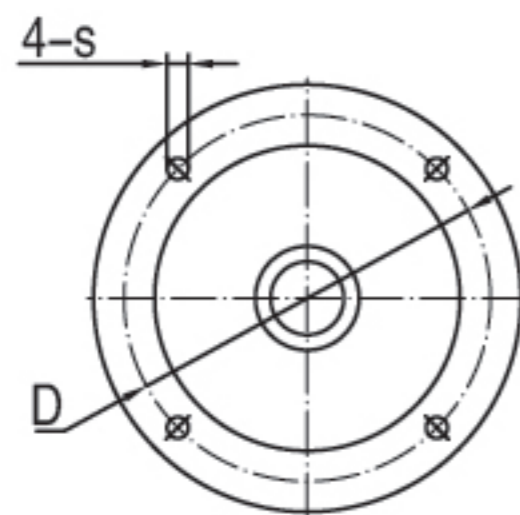
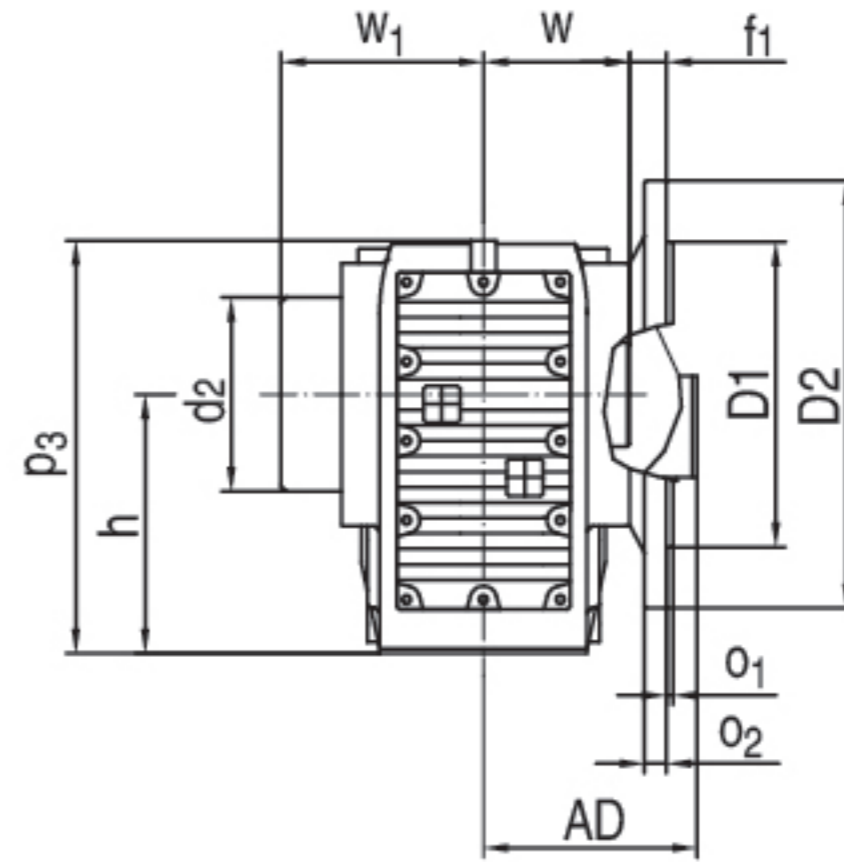
Note: 1. The dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

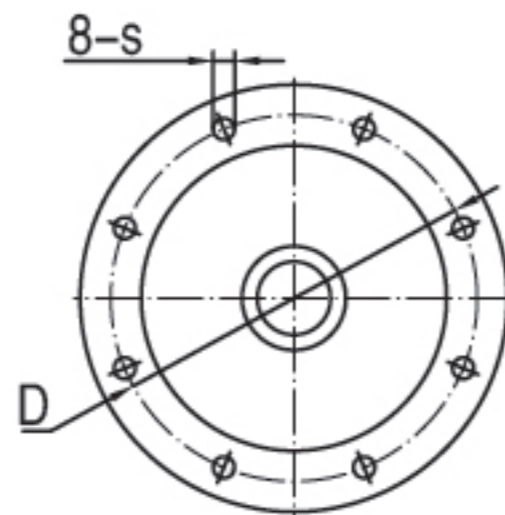
GKHF39-159
安装结构尺寸



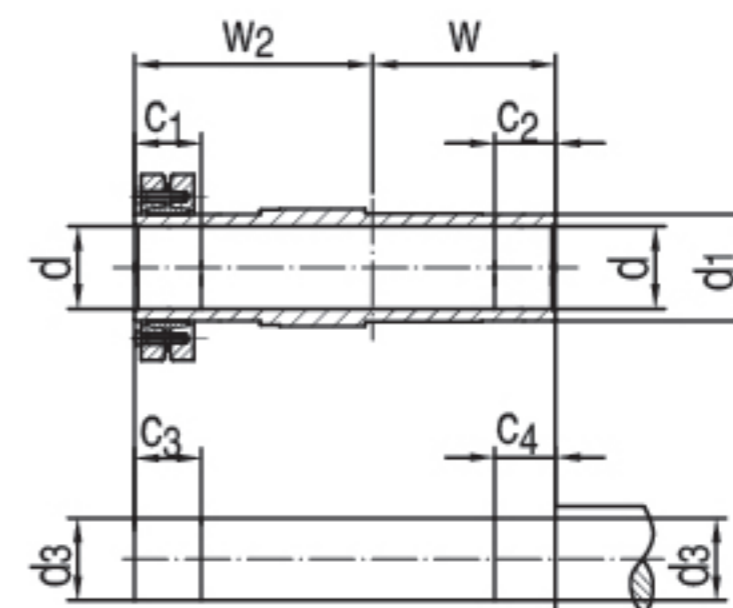
GKHF39-159
Mounting Dimensional Description



GKHF39-89



GKHF99-159



机型号 Type Size	q q ₁	h h ₁	o ₁ o ₂	s f ₁	w ₁ w	w ₂ c ₁	c ₂ c ₃	c ₄ D	D1 D2	d ₁ d ₃	d d ₂	P ₃ G	电机尺寸 Motor Size				
													AC	AD	L1		
GKHF39	210	100 ^{-0.5}	3.5	Φ9	95	86	20	25	Φ110j6	Φ45	Φ30H7	164	见附录 A-2 和 A-3 Please see appendix A-2 and A-3				
	139	8.5	10	24	60	31	36	Φ130	Φ160	Φ30h6	Φ80	Φ120					
GKHF49	243	112 ^{-0.5}	3.5	Φ11	110	102	20	25	Φ130j6	Φ50	Φ35H7	185					
	166	7.2	12	25	75	32	37	Φ165	Φ200	Φ35h6	Φ88	Φ160					
GKHF59	270	132 ^{-0.5}	4	Φ13.5	120	112	20	25	Φ180j6	Φ55	Φ40H7	215					
	173	13.1	15	23.5	83	26	31	Φ215	Φ250	Φ40h6	Φ102	Φ160					
GKHF69	275	140 ^{-0.5}	4	Φ13.5	126	118	20	25	Φ180j6	Φ55	Φ40H7	226					
	179	20	15	23	90	38	43	Φ215	Φ250	Φ40h6	Φ102	Φ160					
GKHF79	313	180 ^{-0.5}	4	Φ13.5	146	136	30	35	Φ230j6	Φ70	Φ50H7	288					
	202	31.3	16	37	105	36	41	Φ265	Φ300	Φ50h6	Φ127	Φ200					
GKHF89	391	212 ^{-0.5}	5	Φ17.5	170	161	40	45	Φ250h6	Φ85	Φ65H7	338					
	257	25.9	18	30	120	41	46	Φ300	Φ350	Φ65h6	Φ159	Φ250					
GKHF99	435	265 ⁻¹	5	Φ17.5	206	195	50	55	Φ350h6	Φ95	Φ75H7	417					
	277	32.3	22	41.5	150	55	60	Φ400	Φ450	Φ75h6	Φ174	Φ300					
GKHF109	537	315 ⁻¹	5	Φ17.5	245	230	60	70	Φ350h6	Φ118	Φ95H7	500					
	341	52	22	41	175	65	75	Φ400	Φ450	Φ95h6	Φ234	Φ350					
GKHF129	615	375 ⁻¹	5	Φ17.5	296	280	70	80	Φ450h6	Φ135	Φ105H7	592					
	390	53	25	51	205	85	95	Φ500	Φ550	Φ105h6	Φ250	Φ450					
GKHF159	706	450 ⁻¹	6	Φ22	350	330	80	90	Φ550h6	Φ155	Φ125H7	705					
	426	71.7	28	60	250	90	100	Φ600	Φ660	Φ125h6	Φ287	Φ550					

注：1. 减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

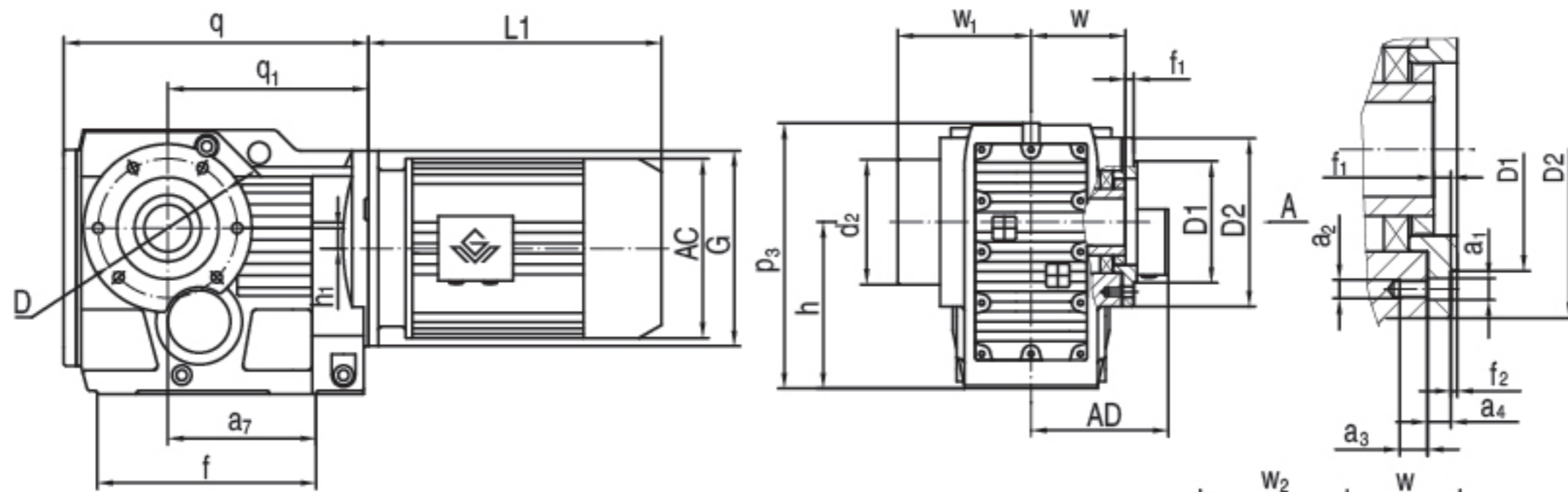
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: 1. The dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

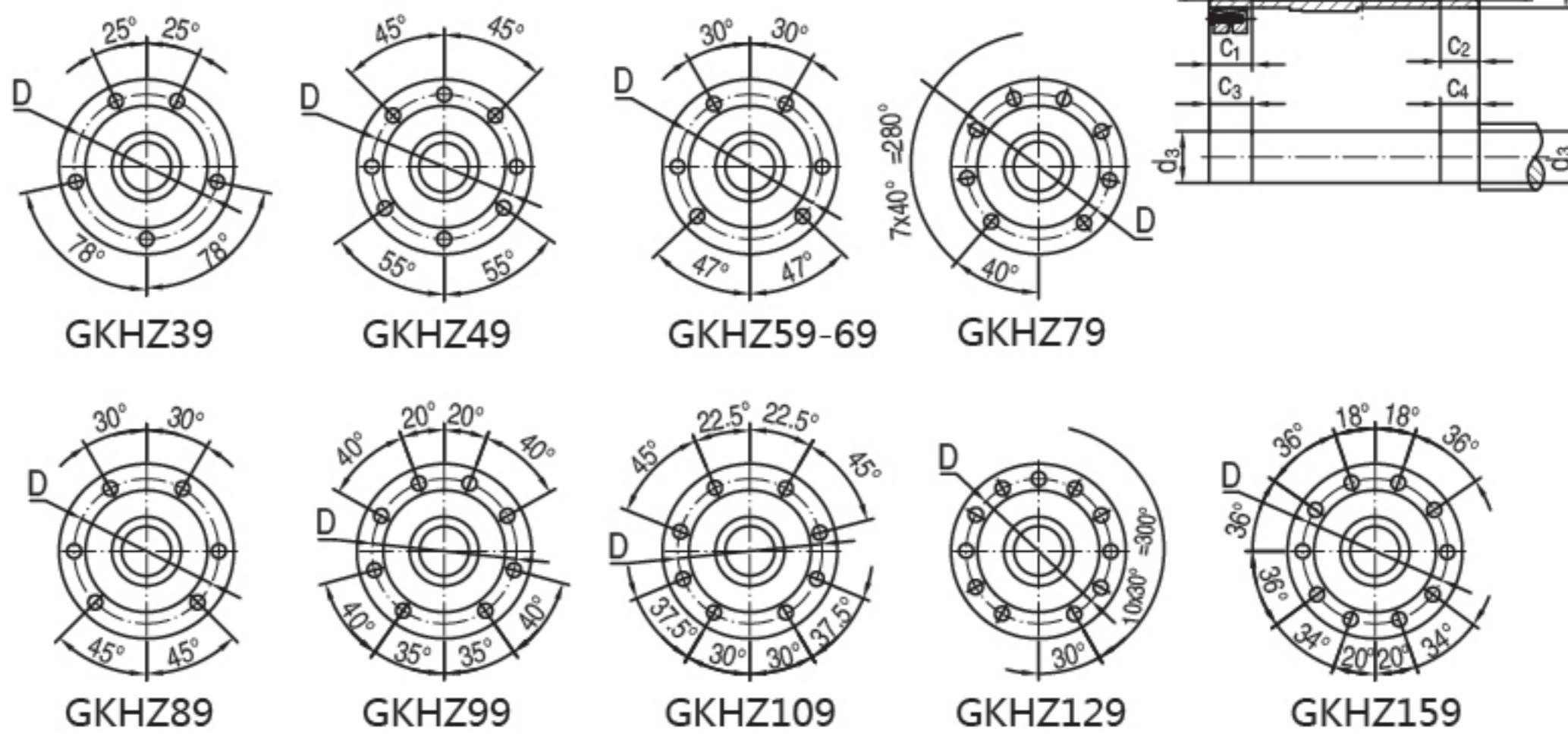
2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GKHZ39-159
安装结构尺寸

GKHZ39-159
Mounting Dimensional Description



A向法兰安装结构尺寸 (Fig.A Mounting Dimension)



机型号 Type Size	q q ₁	D1 D2	h h ₁	p ₃ a ₇	f f ₁	w w ₁	G w ₂	d ₂ d ₁	d d ₃	c ₁ c ₂	c ₃ c ₄	a ₃ a ₄	f ₂ a ₂	a ₁ D	电机尺寸 Motor Size				
															AC	AD	L1		
GKHZ39	210	Φ80j6	100 ^{-0.5}	164	147	60	Φ120	Φ80	Φ30H7	31	36	12	3	Φ9	见附录 A-2 和 A-3 Please see appendix A-2 and A-3				
	139	Φ110	8.5	97	9	95	86	Φ45	Φ30h6	20	25	11.5	M8	Φ94					
GKHZ49	243	Φ80j6	112 ^{-0.5}	185	170	75	Φ160	Φ88	Φ35H7	32	37	12	3	Φ9					
	166	Φ120	7.2	115	8	110	102	Φ50	Φ35h6	20	25	11	M8	Φ102					
GKHZ59	270	Φ105j6	132 ^{-0.5}	215	182	83	Φ160	Φ102	Φ40H7	26	31	20	3.5	Φ13.5					
	173	Φ155	13.1	120	9	120	112	Φ55	Φ40h6	20	25	12	M12	Φ125					
GKHZ69	275	Φ105j6	140 ^{-0.5}	226	182	90	Φ160	Φ102	Φ40H7	38	43	20	3.5	Φ13.5					
	179	Φ155	20	125	8.5	126	118	Φ55	Φ40h6	20	25	12	M12	Φ125					
GKHZ79	313	Φ125j6	180 ^{-0.5}	286	204	105	Φ200	Φ127	Φ50H7	36	41	23	3.5	Φ13.5					
	202	Φ170	31.3	139	10	146	136	Φ70	Φ50h6	30	35	14	M12	Φ142					
GKHZ89	391	Φ155j6	212 ^{-0.5}	338	280	120	Φ250	Φ159	Φ65H7	41	46	30	4	Φ17.5					
	257	Φ215	25.9	190	11	170	161	Φ85	Φ65h6	40	45	15	M16	Φ178					
GKHZ99	435	Φ180j6	265 ⁻¹	417	298	150	Φ300	Φ174	Φ75H7	55	60	28	4	Φ17.5					
	277	Φ260	32.3	190	14	206	195	Φ95	Φ75h6	50	55	18	M16	Φ220					
GKHZ109	537	Φ210j6	315 ⁻¹	500	370	175	Φ350	Φ234	Φ95H7	65	75	32	4	Φ22					
	341	Φ304	52	230	-8	245	230	Φ118	Φ95h6	60	70	22	M20	Φ260					
GKHZ129	615	Φ250h6	375 ⁻¹	592	440	205	Φ450	Φ250	Φ105H7	85	95	36	5	Φ22					
	390	Φ350	53	275	0	296	280	Φ135	Φ105h6	70	80	30	M20	Φ300					
GKHZ159	706	Φ290h6	450 ⁻¹	705	480	250	Φ550	Φ287	Φ125H7	90	100	42	5	Φ26					
	426	Φ400	71.7	290	-14	350	330	Φ155	Φ125h6	80	90	28	M24	Φ340					

注： 1.减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

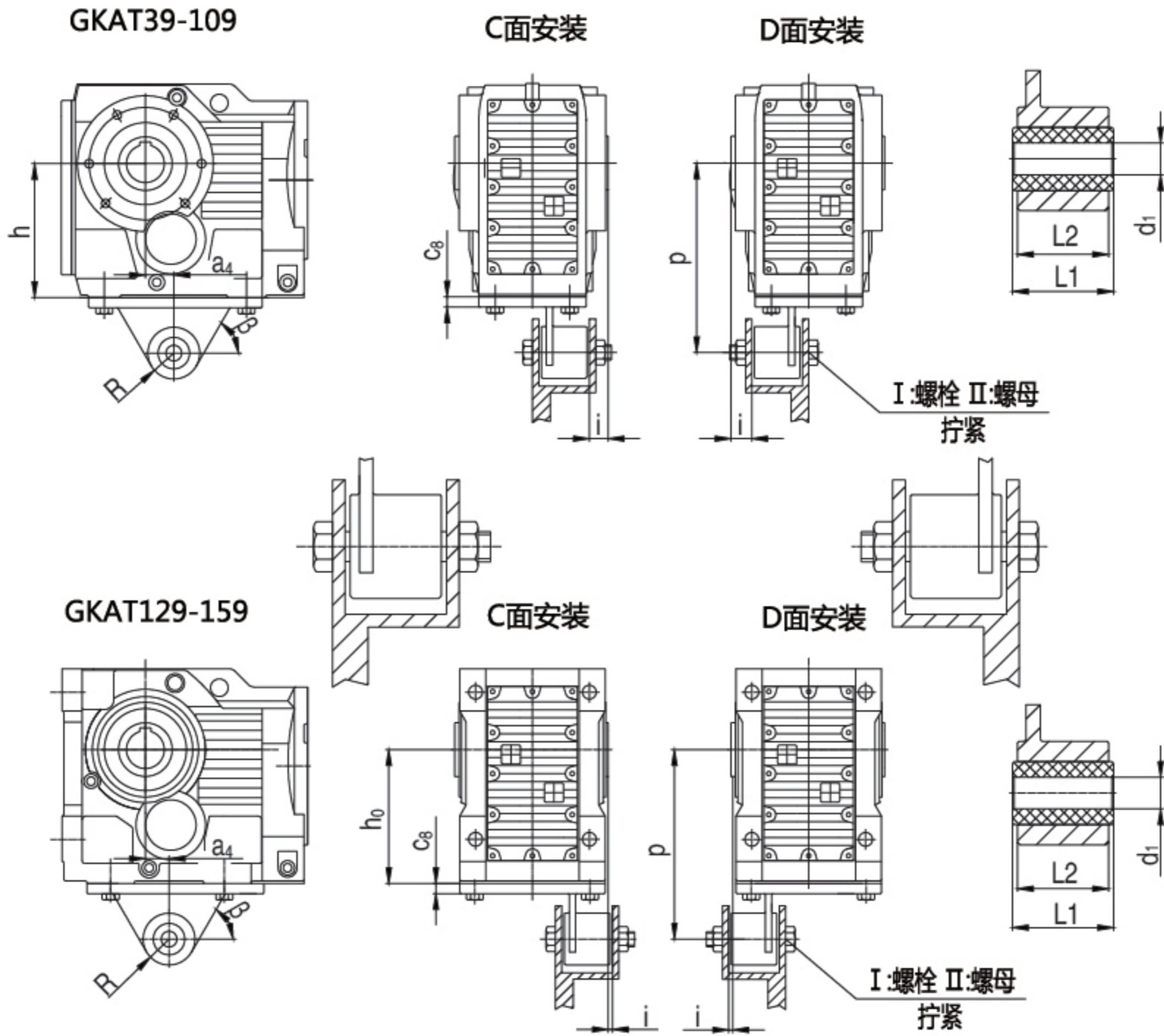
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: 1.The dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GKAT39-159
安装结构尺寸

GKAT39-159
Mounting Dimensional Description



机型号 Type Size	a_4	β	c_8	i	P	R	h	d_1	$L1_{-0.3}^0$	$L2$
GKAT39	23.5	60°	10	20	140 ^{+0.2} _{-0.7}	22.5	100 _{-0.5}	10.4 ^{+0.1} _{-0.1}	36	31
GKAT49	30	55°	12	20	160 ^{+0.2} _{-0.7}	22.5	112 _{-0.5}	10.4 ^{+0.1} _{-0.1}	36	31
GKAT59	40	55°	13	18	192 ^{+0.2} _{-0.7}	29	132 _{-0.5}	16.4 ^{+0.08} _{-0.08}	60	54
GKAT69	45	55°	13	25	200 ^{+0.2} _{-0.7}	29	140 _{-0.5}	16.4 ^{+0.08} _{-0.08}	60	54
GKAT79	52.5	64°	14	25	250 ^{+0.2} _{-0.7}	29	180 _{-0.5}	16.4 ^{+0.08} _{-0.08}	60	54
GKAT89	60	60°	16	30	300 ^{+0.2} _{-0.7}	41	212 _{-0.5}	25 ^{+0.08} _{-0.08}	80	72
GKAT99	70	50°	17	40	350 ^{+0.2} _{-1.2}	41	265 ₋₁	25 ^{+0.08} _{-0.08}	100	92
GKAT109	74	55°	20	45	450 ^{+0.5} _{-1.5}	41	315 ₋₁	25 ^{+0.08} _{-0.08}	100	92
GKAT129	60	65°	45	7	550 ^{+0.5} _{-1.5}	70	375 ₋₁	40 ^{+0.08} _{-0.08}	126	110
GKAT159	50	70°	45	2	700 ^{+0.5} _{-1.5}	70	450 ₋₁	40 ^{+0.08} _{-0.08}	126	110

其它尺寸请按照 GKA 型。

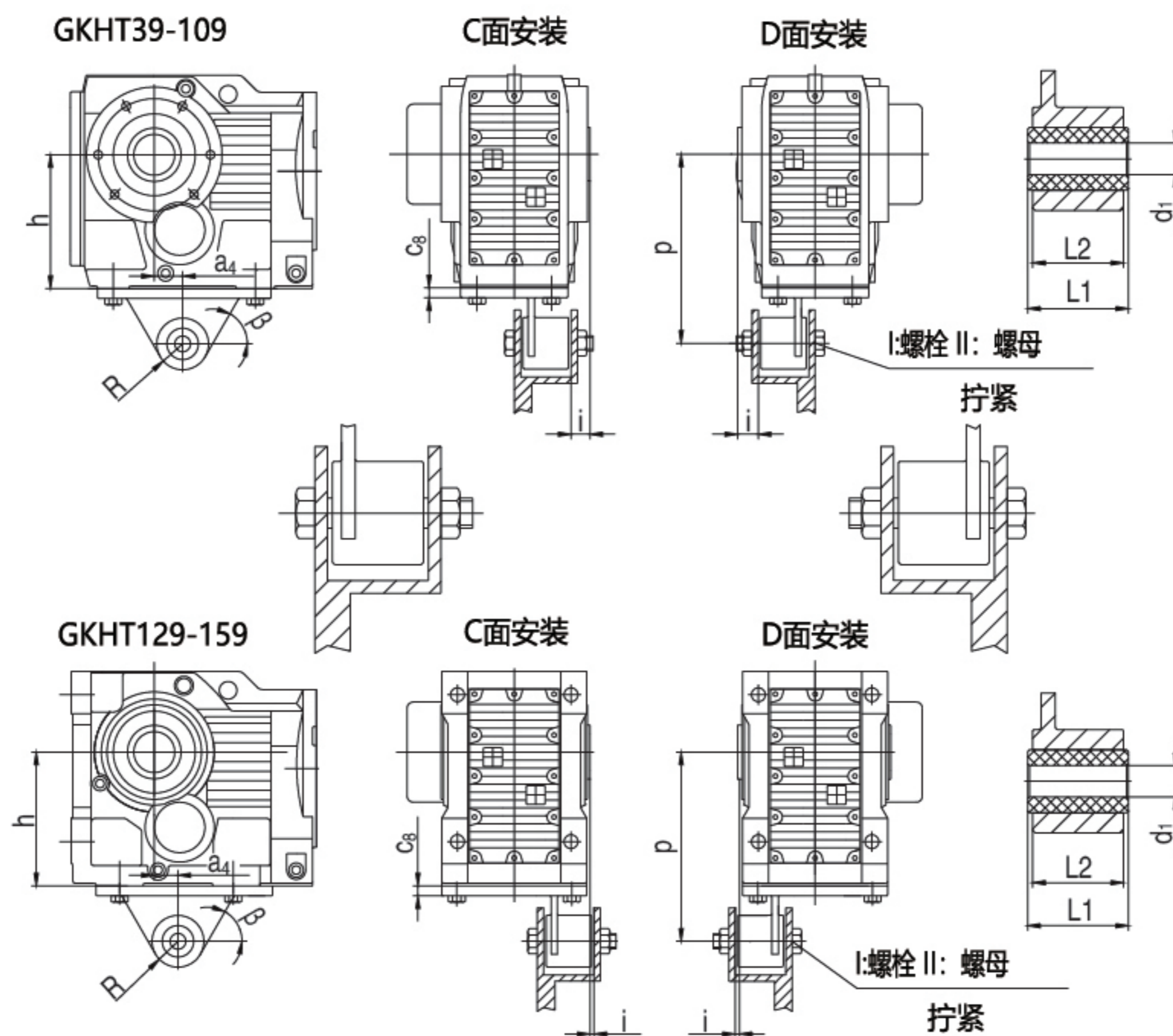
注：I：螺栓 II：螺母，均用户自配。

For other dimensions, see the type GKA.

Note: bolts I and nuts II are prepared by customers.

GKHT39-159
安装结构尺寸

GKHT39-159
Mounting Dimensional Description



机型号 Type Size	a_4	β	c_8	i	P	R	h	d_1	$L1_{-0.3}^0$	$L2$
GKHT39	23.5	60°	10	20	140 ^{+0.2} _{-0.7}	22.5	100 _{-0.5}	10.4 ^{+0.1} _{-0.1}	36	31
GKHT49	30	55°	12	20	160 ^{+0.2} _{-0.7}	22.5	112 _{-0.5}	10.4 ^{+0.1} _{-0.1}	36	31
GKHT59	40	55°	13	18	192 ^{+0.2} _{-0.7}	29	132 _{-0.5}	16.4 ^{+0.08} _{-0.08}	60	54
GKHT69	45	55°	13	25	200 ^{+0.2} _{-0.7}	29	140 _{-0.5}	16.4 ^{+0.08} _{-0.08}	60	54
GKHT79	52.5	64°	14	25	250 ^{+0.2} _{-0.7}	29	180 _{-0.5}	16.4 ^{+0.08} _{-0.08}	60	54
GKHT89	60	60°	16	30	300 ^{+0.2} _{-0.7}	41	212 _{-0.5}	25 ^{+0.08} _{-0.08}	80	72
GKHT99	70	50°	17	40	350 ^{+0.2} _{-1.2}	41	265 ₋₁	25 ^{+0.08} _{-0.08}	100	92
GKHT109	74	55°	20	45	450 ^{+0.5} _{-1.5}	41	315 ₋₁	25 ^{+0.08} _{-0.08}	100	92
GKHT129	60	65°	45	7	550 ^{+0.5} _{-1.5}	70	375 ₋₁	40 ^{+0.08} _{-0.08}	126	110
GKHT159	50	70°	45	2	700 ^{+0.5} _{-1.5}	70	450 ₋₁	40 ^{+0.08} _{-0.08}	126	110

其它尺寸请按照 GKHT 型。

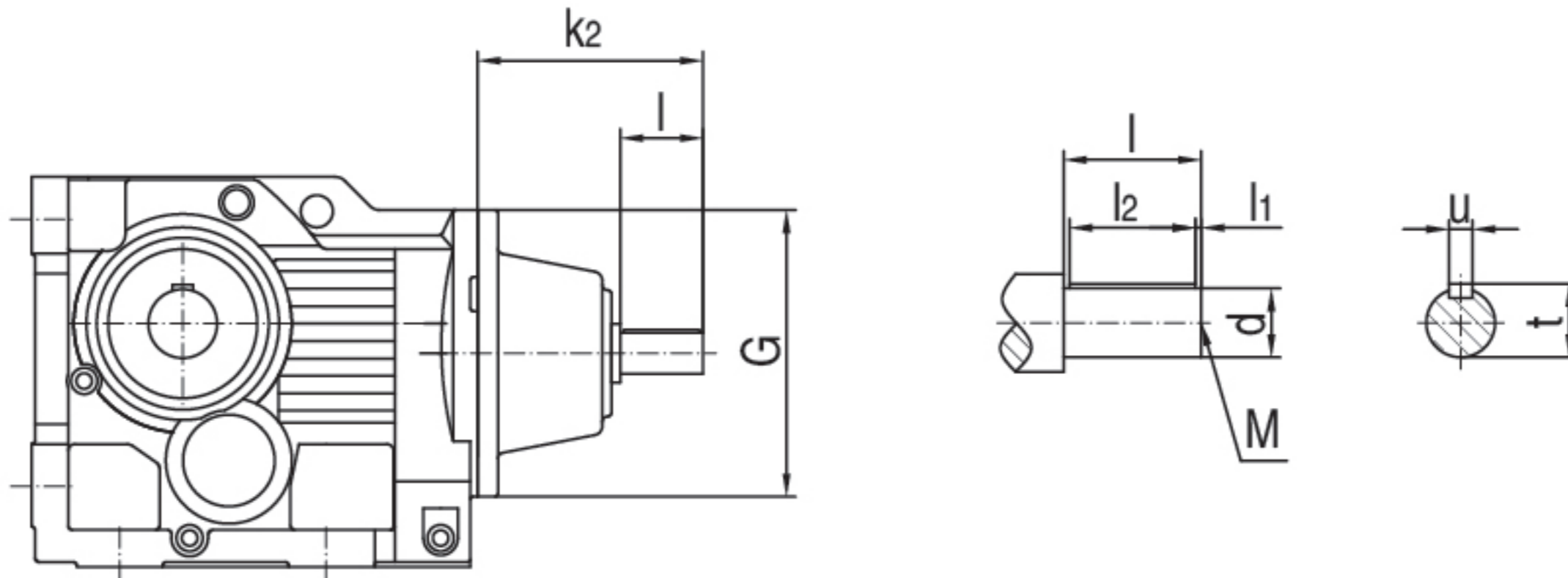
注：I：螺栓 II：螺母，均用户自配。

For other dimensions, see the type GKHT.

Note: bolts I and nuts II are prepared by customers.

GK..39-189AD1-8
安装结构尺寸

GK..39-189AD1-8
Mounting Dimensional Description



机型号 Type Size	规格 Specification	适用功率范围 (kW)/4P Range Power	d	G	k ₂	l	M	l ₁	l ₂	t	u	输入单元重量 (kg) Weight
GK..39	AD1	0.12-0.18	16k6	Φ120	130	40	M5	4	32	18	5	6.6
	AD2	0.25-3	19k6	Φ120	130	40	M6	4	32	21.5	6	
GK..49	AD2	0.12-1.5	19k6	Φ160	149	40	M6	4	32	21.5	6	9.8
	AD3	2.2-3	24k6	Φ160	159	50	M8	5	40	27	8	9.9
GK..59/69	AD2	0.12-1.5	19k6	Φ160	149	40	M6	4	32	21.5	6	9.8
	AD3	2.2-5.5	24k6	Φ160	159	50	M8	5	40	27	8	9.9
GK..79	AD2	0.12-1.5	19k6	Φ200	184	40	M6	4	32	21.5	6	14.2
	AD3	2.2-4	24k6	Φ200	194	50	M8	5	40	27	8	14.3
	AD4	5.5-11	38k6	Φ200	224	80	M12	5	70	41	10	15
GK..89	AD2	0.55-1.5	19k6	Φ250	136	40	M6	4	32	21.5	6	13
	AD3	2.2-4	28k6	Φ250	156	60	M10	5	50	31	8	13.2
	AD4	5.5-7.5	38k6	Φ250	262	80	M12	5	70	41	10	32.9
	AD5	11-22	42k6	Φ250	292	110	M16	10	70	45	12	33.5
GK..99	AD3	1.1-4	28k6	Φ300	194	60	M10	5	50	31	8	18.5
	AD4	5.5-7.5	38k6	Φ300	214	80	M12	5	70	41	10	18.9
	AD5	11-22	42k6	Φ300	327	110	M16	10	70	45	12	51.3
	AD6	30	48k6	Φ300	327	110	M16	10	80	51.5	14	52
GK..109	AD3	3-4	28k6	Φ350	188	60	M10	5	50	31	8	22.2
	AD4	5.5-7.5	38k6	Φ350	208	80	M12	5	70	41	10	22.7
	AD5	11-22	42k6	Φ350	321	110	M16	10	70	45	12	63.7
	AD6	30-45	48k6	Φ350	321	110	M16	10	80	51.5	14	64.4
GK..129	AD4	7.5	38k6	Φ450	270	80	M12	5	70	41	10	61.7
	AD5	11-22	42k6	Φ450	300	110	M16	10	90	45	12	62.3
	AD6	30-45	48k6	Φ450	300	110	M16	10	90	51.5	14	63
	AD7	55	55m6	Φ450	300	110	M20	10	90	59	16	63.8
	AD8	75-90	70m6	Φ450	383	140	M20	15	110	74.5	20	85.2
GK..159/169/189	AD5	11-22	42k6	Φ550	344/344/336	110	M16	10	90	45	12	101.8
	AD6	30-45	48k6	Φ550	344/344/336	110	M16	10	90	51.5	14	102.3
	AD7	55-90	55m6	Φ550	344/344/336	110	M20	10	90	59	16	103.2
	AD8	110-200	70m6	Φ550	374/374/366	140	M20	15	110	74.5	20	107.5

其它尺寸请参照 GK 型。

注： 1. GKF/GKA/GKAB/GKAF/GKAZ/GKH/GKHF/GKHZ 均可采用双轴型，并分别记为 GKF..AD..、GKA..AD..、GKAB..AD..、GKAF..AD..、GKAZ..AD..、GKH..AD..、GKHF..AD..和 GKHZ..AD..。

2. 通过联轴器联接，可直接参考上表功率范围；若电机和减速机之间是通过其他极数电机、齿轮、链轮、皮带轮等传动方式联接，需客户自行转换。

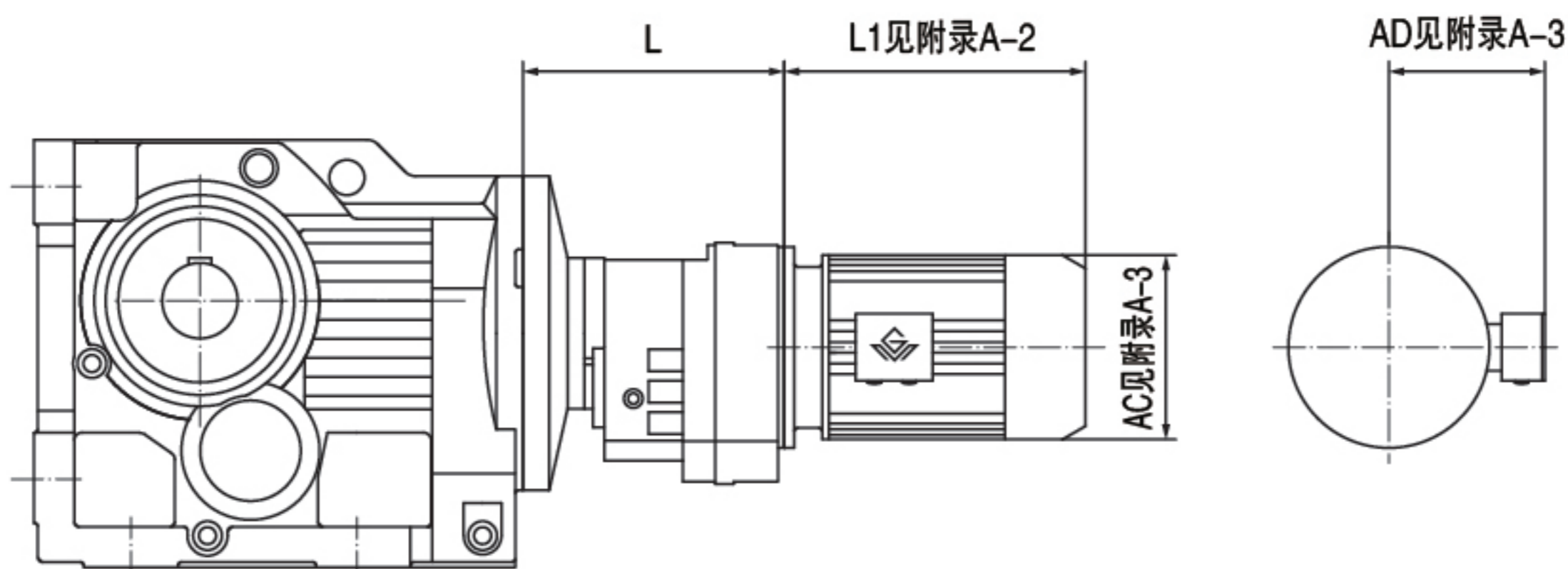
For other dimensions , see the type GK.

Note: 1. double shafts type is also available for type GKF/GKA/GKAB/GKAF/GKAZ/GKH/GKHF/GKHZ, and these double shafts types are respectively named type GKF..AD..、GKA..AD..、GKAB..AD..、GKAF..AD..、GKAZ..AD..、GKH..AD..、GKHF..AD.. and GKHZ..AD..。

2. Applicable power refers to the input torque of 4 pole motor. If the connect way is coupling, can see the power range on the table directly, if the connect way is other pole motor, sprocket, belt pulley, need customers to convert by themselves.

GK..R..
安装结构尺寸

GK..R..
Mounting Dimensional Description



机型号 Type Size	机座号 Frame Size	L
GK..39R19	63	135
	71	
	80	
GK..49R39 GK..69R39	63	163
	71	
	80	
GK..59R39	63	163
	71	
	80	
GK..79R39	63	163
	71	
	80	
GK..89R59	63	216
	71	
	80	
	90	
GK..99R59	63	216
	71	
	80	
	90	
	100	
GK..109R79	63	251
	71	
	80	
	90	
	100	
	112	
	132	
160		

机型号 Type Size	机座号 Frame Size	L
GK..129R79	63	241
	71	
	80	
	90	
	100	
	112	
GK..129R89	132	280
	160	
	90	
	100	
	112	
	132	
GK..159R99 GK..169R99 GK..189R99	160	332
	180	
	80	
	90	
	100	
	112	
	132	
GK..159R109 GK..169R109 GK..189R109	160	382
	180	
	100	
	112	
	132	
	200	
225		

注： 1. GKA/GKAF/GKF/GKAZ/GKH/GKHF/GKHZ 均可采用串联组合机型。
2. 电机需方配或配特殊电机时需加联接法兰（见附录 D）

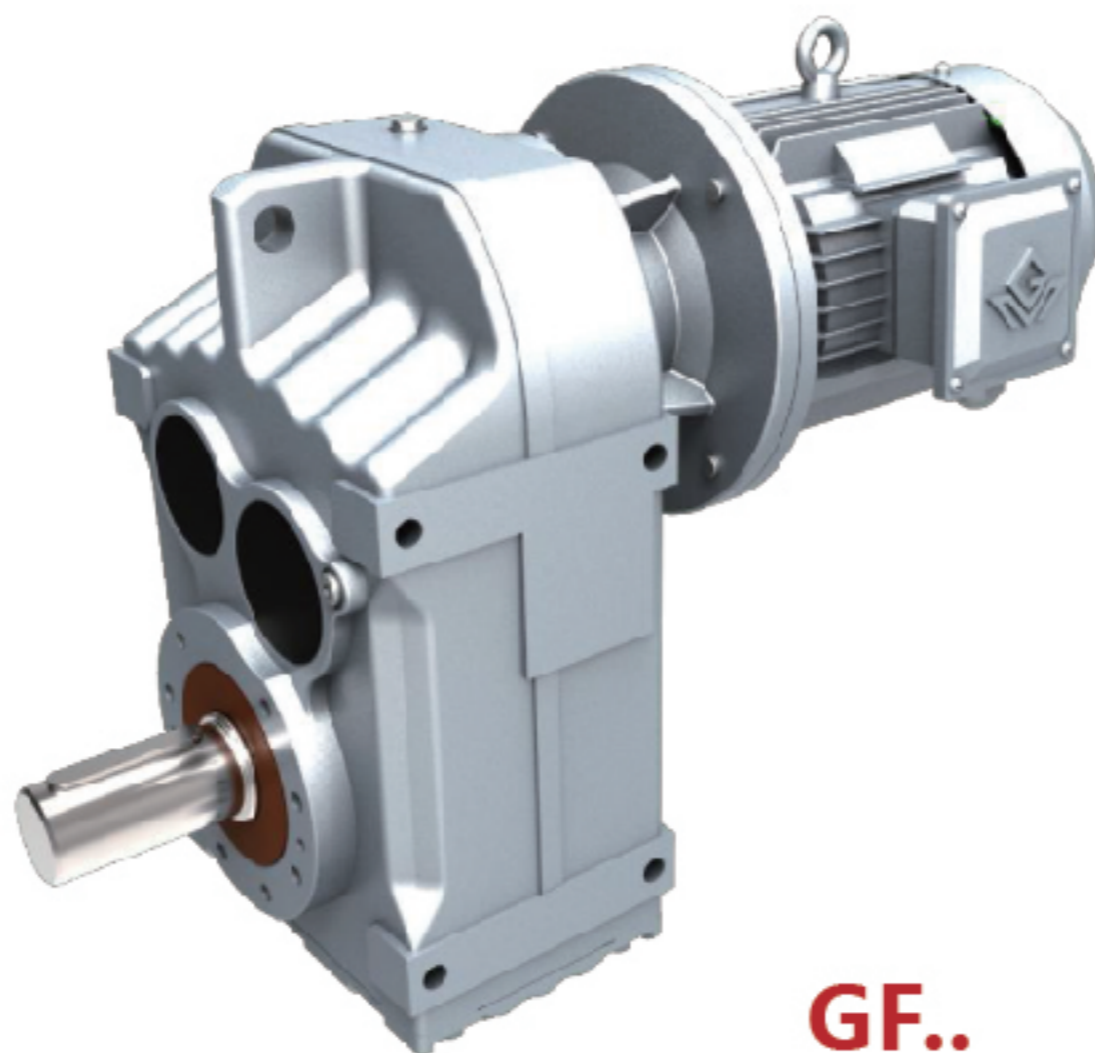
Note: 1. Combined type is also available for type GKA/GKAF/GKF/GKAZ/GKH/GKHF/GKHZ.

2. When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

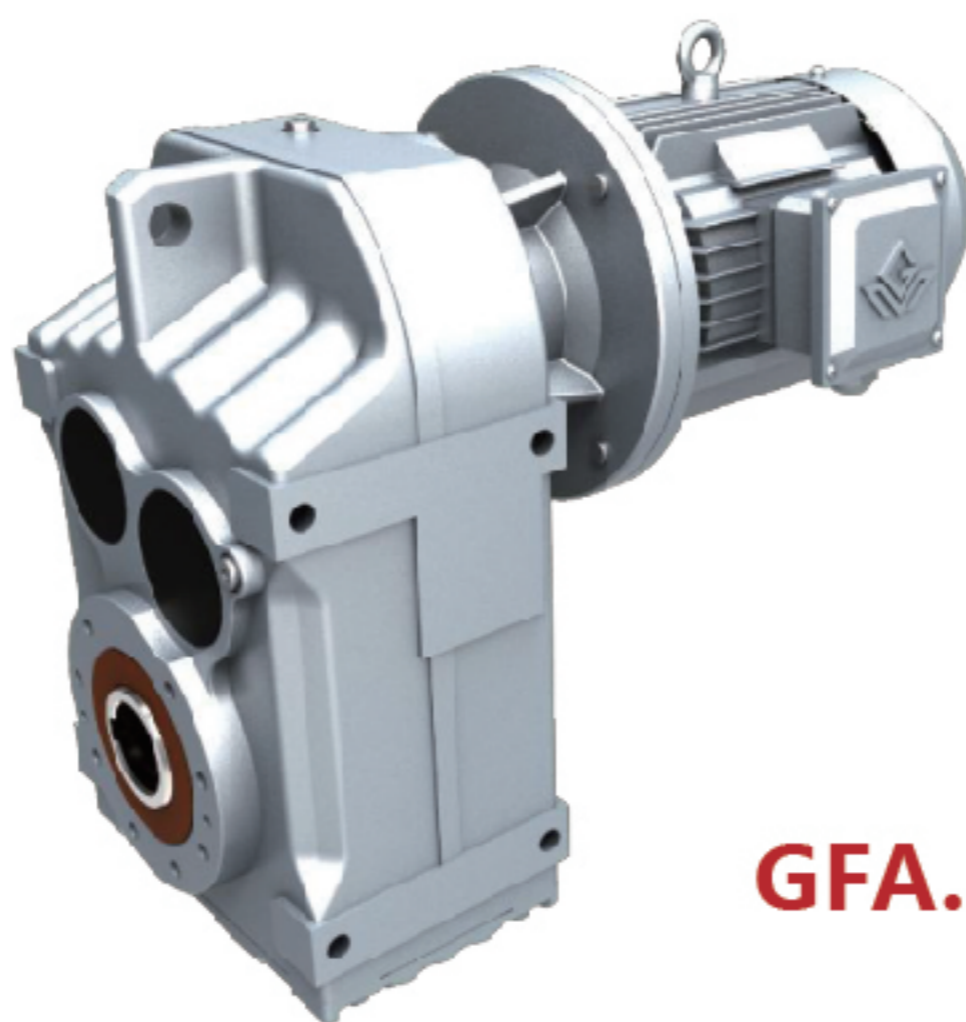


GF Series Parallel-Shaft Helical Geared Motors

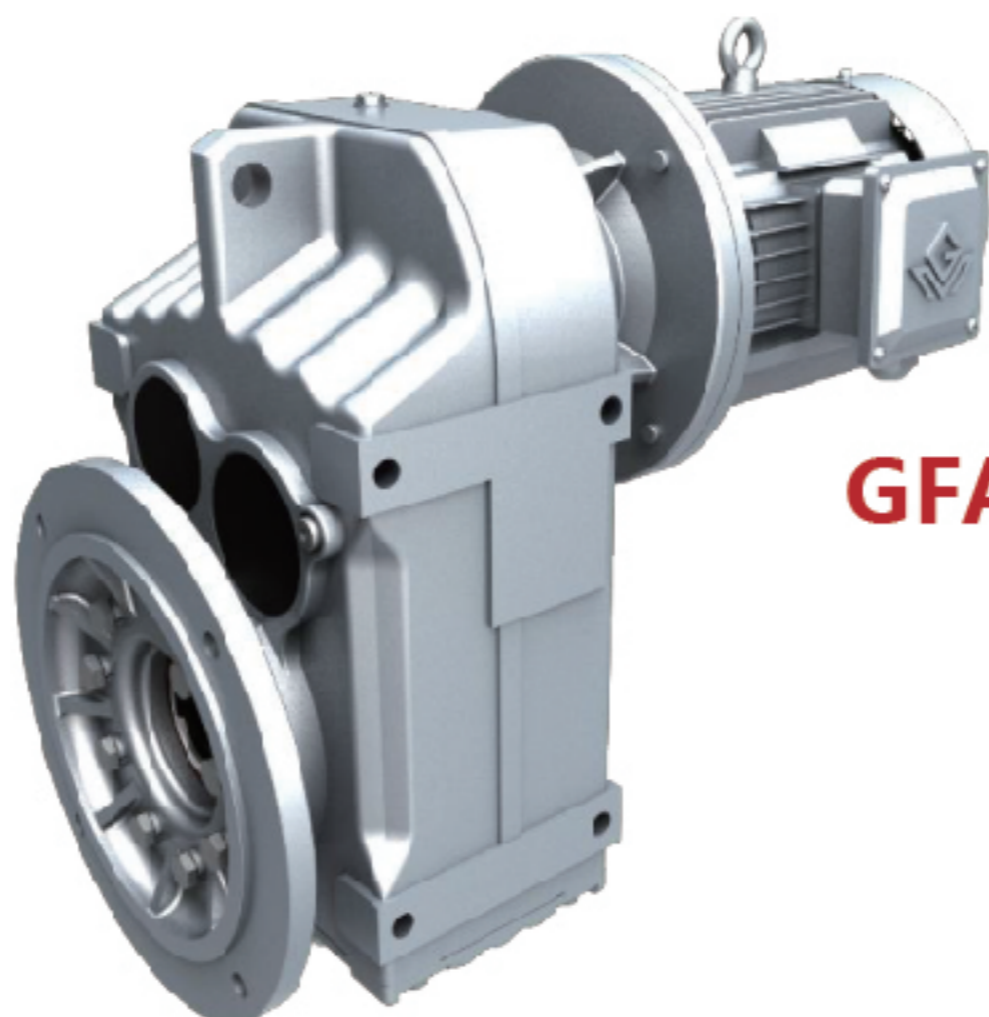
GF
系列
平行轴
—斜齿
轮减
速电
机



GF..



GFA..



GFAF..