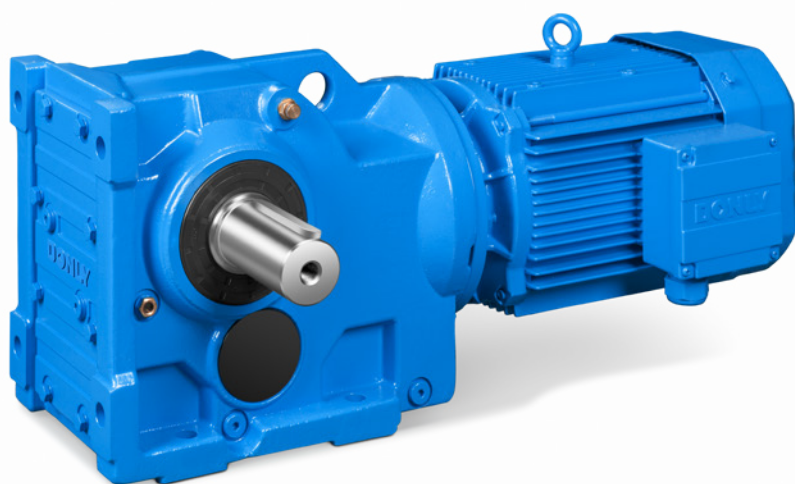


DONLY TRANSMISSION



东力减速电机

斜齿轮 - 锥齿轮减速电机

HELICAL-BEVEL GEARMOTORS

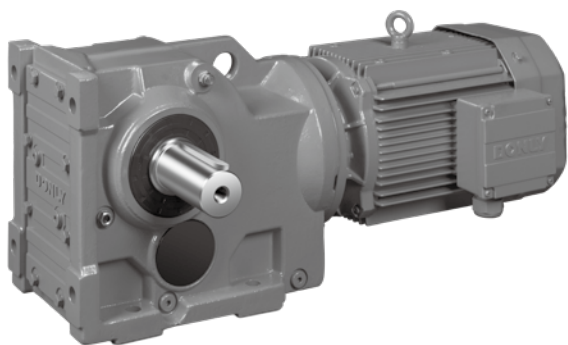
型号 Type DLK

版本 Edition 2021

DONLY

驱动无限可能

DLK 减速电机 Gearmotors



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DONLY

产品说明

Product Description

1.1 产品特点

DLK 系列模块化减速电机是全新设计开发的第四代高性能模块化减速电机，其主要优点有：

更高层次的模块化设计，使全系列产品使用更少的零件，并满足更多不同行业和场合的应用需要；

齿轮采用优质低碳合金钢渗碳淬火磨齿工艺和修形技术使产品具有更高的承载能力，运行更可靠，噪音更低，效率更高；

独特美观的整体式高强度铸造箱体，具有更高的刚性和抗振性；

更为精细的传动比分级，充分满足用户的对精准输出转速的需求；

更全面的设计，使产品适合在任意空间任意角度安装。

1.2 使用条件

环境温度

DLK 系列减速电机在添加 1.4 章所规定的润滑油的情况下可在下表所述环境温度范围内正常运行：

减速电机 Gearmotors	润滑油 Lubricant	环境温度 Ambient temperature
DLK 系列减速电机	CLP(CC) VG220	-10℃ ...+40℃

海拔高度

在高海拔位置，由于空气密度下降，电动机和齿轮箱的散热能力下降。样本中的额定数值为最大海拔高度为 1000 米时的值。海拔高度超过 1000 米必须考虑海拔高度影响，详细请与东力公司联系。

相对湿度

通用环境湿度 < 90%。

当环境湿度高于 90% 时必须考虑特殊表面防护的要求，详见 2.9 表面防护说明。

1.1 Product features

DLK series modular gearmotors are completely new designed 4th generation, Advantages are:

More sizes with a reduced variety of parts;

Increased power capacity, lower noise and higher efficiency by grinding and gear modification.

The all-in-one box provides higher rigidity and higher vibration resistance.

More ratios satisfy the need of accurate output speed.

Gearmotors can be supplied for either horizontal or vertical installation in any angle.

1.2 Work conditions

Ambient temperature

The following standard temperature ranges are permitted for filling the gear units according to the lubricant table illustrated in chapter 1.4

Installation altitude

Due to the low air density at high installation altitudes, the heat dissipation on the surface of motors and gear units decrease. The rated data listed in the catalogue applies to an installation altitude of maximum 1000 m above sea level. Installation altitudes of more than 1000 m must be taken into account for project planning of gear units and gearmotors. Please contact with DONLY for details.

Relative humidity

Normal relative humidity should be lower than 90%.

Relative humidity of more than 90%, the surface protection must be taken into account according to chapter 2.9.

产品说明

1.3 通用技术条件

功率和转矩

样本中列出的功率为电动机的额定输出功率，减速电机的输出功率要考虑减速机的效率。输出转矩为减速机或减速电机的输出转矩，其是指减速（电）机在 M1 安装方式时（高速级齿轮没有完全进入润滑油中），在标准润滑和环境温度情况下的值。

速度

选型表提供的输出转速是推荐值，实际输出转速取决于电动机的负载和电源供电状况。

许用径向力

选型表中列出的为地脚式安装的减速电机的许用径向力。

法兰安装的减速电机，其输出轴的许用径向力为选型表中值的 50%。

许用轴向力

如果输出轴上没有径向力，其许用轴向力为选型表中给定许用径向力的 50%。

油漆

减速电机的标准油漆为灰色金属油漆。其他特殊油漆要求在订货时说明。

表面防护和防腐蚀

如果需要，所有的减速电机均可提供特殊表面防护以满足极端潮湿和化学侵蚀环境的需求，详见 2.8 防腐蚀和 2.9 表面防护的说明。

重量

样本中给出的重量为不包括润滑油的参考重量。减速机的实际重量与减速比有关。

电机风扇进气空间

减速电机必须留出足够的径向和轴向空间防止阻挡空气进入和妨碍制动器维护工作。

贮存期限

减速机和减速电机的贮存期限不得超过 6 个月，对于需要长期贮存的请与东力公司联系。

Product Description

1.3 General notes

Power and torque

The power and torque ratings listed in the catalogs refer to mounting position M1, in which the input stage is not completely submerged in oil. In addition, the gearmotors are assumed to be standard versions with standard lubrication and under normal ambient conditions.

Please note that the motor power shown in the selection tables for gearmotors is subject to selection. However, the output torque and the desired output speed are essential for the application and need to be checked.

Speed

The quoted output speeds of the gearmotors are recommended values. The actual output speed depends on the motor load and the supply system conditions.

Permitted overhung load

The permitted overhung loads FRa for the output shafts of footmounted gear units with a solid shaft are listed in the selection tables for gearmotors. Flange-mounted gearmotors: A maximum of 50% of the overhung load FRa specified in the selection tables for torque transmission via flange mounting are permitted.

Permitted axial load

If there is no overhung load, then an axial force FA (tension or compression) amounting to 50% of the overhung load given in the selection tables is permitted.

Painting

Gearmotors from DONLY are painted with grey machine paint. Special coatings are available on request.

Surface and Anti-corrosion protection

If required, all gear units, gearmotors from DONLY can also be supplied with special surface protection for applications in extremely humid and chemically aggressive environments according to chapter 2.8 and 2.9.

Weights

Please note that all weights shown in the catalogs exclude the oil fill for the gearmotors. The weights are recommended values. The actual value depends on the ratio.

Air admission and accessibility

The gearmotors must be mounted on the driven machine in such a way that both axially and radially there is enough space left for unimpeded air admission, for maintenance work on the brake.

Storage

The storage period of gear units and gearmotors is not more than 6 months, for extended storage please contact with DONLY.

产品说明

Product Description

1.4 润滑油

概述

除非特殊说明，通常减速机出厂时不带润滑油。在试车前确保按说明书加好润滑油。如果安装方式与订货方式不一致，请按新安装方式调整合适的油量及通气塞的位置。

润滑油牌号

下页显示的润滑表为东力公司推荐的润滑油牌号，请参考下面图例。

1.4 Lubricants

General information

Unless a special arrangement is made, DONLY supplies the drives without lubricant. Please fill lubricant before operation. You must change lubricant fill and breather valve according to new mounting position.

Lubricant table

The lubricant table on the following page shows the permitted lubricants for DONLY gear units. Please refer to the following legend for the lubricant table.

					ISO,NLGI	Mobil®					
-10		+40		CLP(CC)	VG 220	Mobilgear 600 XP 200	Shell Omala 220	Klüberoil GEM 1-220 N	Aral Degol BG 220	BP Energol GR-XP 220	Meropa 220
-25			+80	CLP PG	VG 220	Mobil Glygoyle 30	Shell Tivela S 220	Klübersynth GH 6-220	Aral Degol GS 220	BP Enersyn SG-XP 220	Synlube CLP 220
-40			+80	CLP HC	VG 220	Mobil SHC 630	Shell Omala HD 220	Klübersynth GEM 4-220 N	Aral Degol PAS 220		Pinnacle EP 220
-40		+40	VG 150		Mobil SHC 629	Shell Omala HD 150	Klübersynth GEM 4-150 N			Pinnacle EP 150	
-20		+25		CLP(CC)	VG 150 VG 100	Mobilgear 600 XP 100	Shell Omala 100	Klüberoil GEM 1-150 N	Aral Degol BG 100	BP Energol GR-XP 100	Meropa 150
-30		+10		HLP(HM)	VG 68-46 VG 32	Mobil D.T.E. 13M	Shell Tellus T 32	Klüberoil GEM 1-68 N	Aral Degol BG 46		Rando EP Ashless 46
-40		+10		CLP HC	VG 32	Mobil SHC 624		Klüber-Summit HySyn FG-32			
-40		-20		HLP(HM)	VG 22 VG 15	Mobil D.T.E 11M	Shell Tellus T 15	Isoflex MT 30 ROT		BP Energol HLP-HM15	Rando HDZ 15
-30			+40	HCE	VG 460		Shell Cassida Fluid GL460	Klüberoil 4UH1-460 N	Aral Eural Gear 460		
-20			+40	E	VG 460			Klüberbio CA2-460	Aral Degol BAB 460		

注：
 CLP = 矿物油
 CLP PG = 聚乙二醇
 CLPHG = 合成油
 HLP = 液压油
 HCE = 食品行业专用润滑油（食品级油）
 E = 生态油（农业、森林、渔业专用油）

Notes:
 CLP = Mineral oil
 CLP PG = Polyglycol
 CLPHG = Synthetic hydrocarbons
 HLP = Hydraulic oil
 HCE = Lubricant for the food industry(food grade oil)
 E = Biodegradable oil(lubricant for agriculture, forestry and fisheries)

产品说明

Product Description

润滑油数量

润滑油量为参考值。精确值取决于齿轮箱的级数和减速比。当加油时请注意检查油位螺塞，其指示了精确油量。

Lubricant fill quantities

The specified fill quantities are guide values. The precise values vary depending on the number of stages and gear ratio. When filling, it is essential to check the oil level plug since it indicates the precise oil capacity.

下表为与安装方式 M1-M6 相关的油量值。

The following tables show guide values for lubricant fill quantities in relation to the mounting position M1 ... M6.

润滑油量表

Lubricant fill quantity table

DLK.,DLKAB., DLKHB. .

减速电机型号 Gear unit type	润滑油量 (升) /Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
37	0.5	1.1	1	1.5	1.1	1.1
47	0.8	1.5	1.4	2.1	1.7	1.7
57	1	2.4	2.3	2.9	2.4	2.4
67	1.1	2.5	2.5	3.5	2.6	2.6
77	2.7	4	3.5	6.5	4	4.2
87	4.5	8.6	8	13	9	9.5
97	7	14.6	16.2	20.5	13.3	14.2
107	13.5	26	24.5	35	26	27.5
127	20	41	38	47	42	42
157	39	60	61	83	66	66
167	41	102	103	118	87	87
187	61	167	161	202	131	131

DLKF.

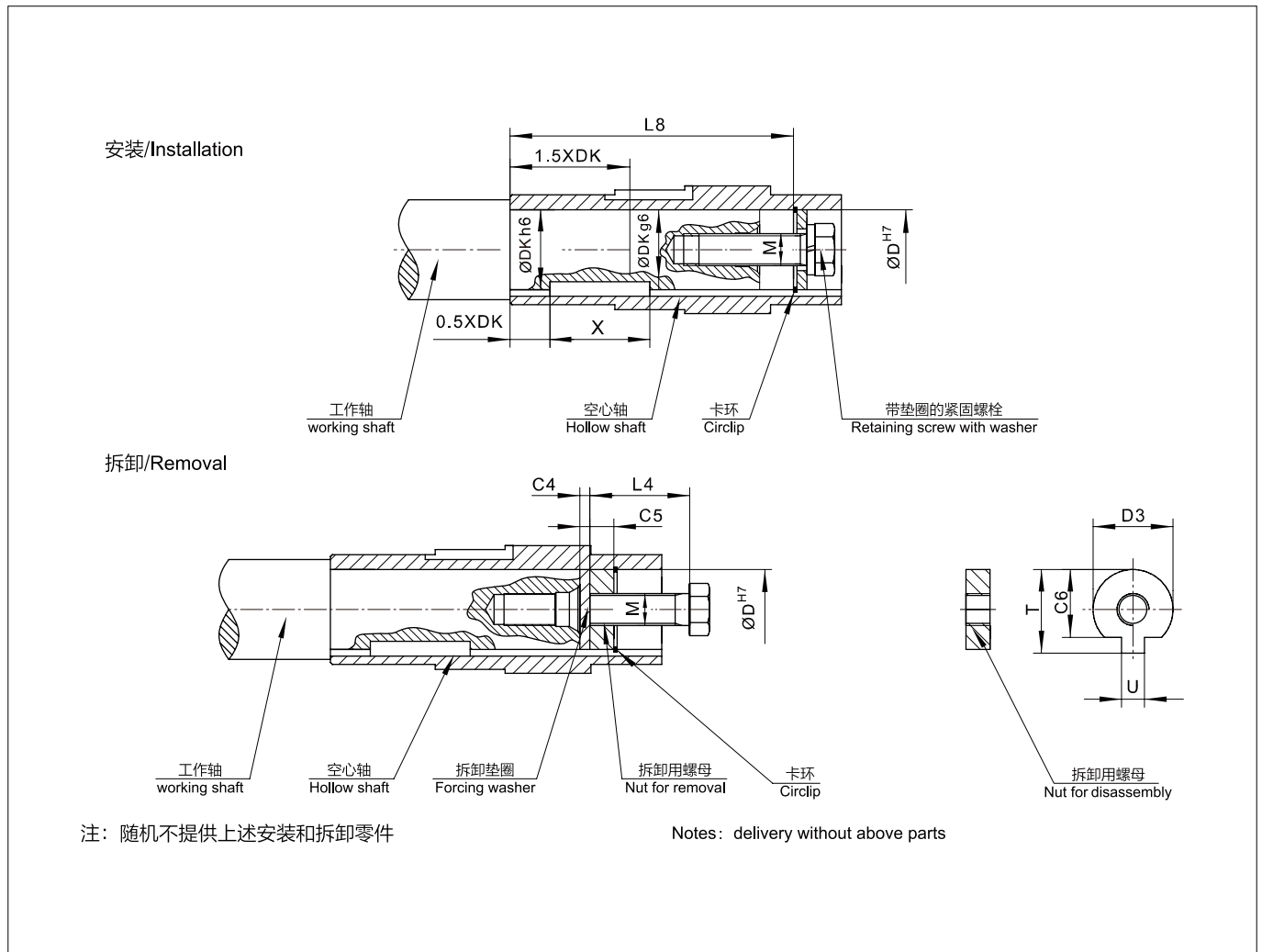
减速电机型号 Gear unit type	润滑油量 (升) /Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
37	0.5	1.1	1.2	1.4	1	1
47	0.8	1.5	1.7	2.1	1.7	1.7
57	1.2	2.5	2.7	3.2	2.4	2.4
67	1.1	2.5	2.8	3.7	2.7	2.7
77	2.6	4.2	3.5	6.5	4	4.2
87	4.2	8.8	8	13	9.2	9.5
97	7	15	16	20.5	14	14
107	13.5	26	24.5	35	26.5	27.5
127	20	41	38	47	42	42
157	39	61	62	84	67	66
167	41	102	103	118	87	87
187	61	167	161	202	131	131

DLKA... DLKH,DLKV..DLKAF ..LKHF...DLKAZ.DLKHZ,DLKVZ:

减速电机型号 Gear unit type	润滑油量 (升) /Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
37	0.5	1.1	1.1	1.4	1.0	1.0
47	0.8	1.5	1.7	2.1	1.7	1.7
57	1.2	2.4	2.6	3.1	2.6	2.6
67	1.2	2.6	2.7	3.6	2.6	2.6
77	2.6	4.2	3.4	6.5	4	4.2
87	4.2	9	8	13	9.2	9.5
97	7.0	15	16	20	14	14
107	13.0	26	24	35.5	26.5	27.5
127	20	41	38	47	42	42
157	39	60	61	83	66	66
167	41	102	103	118	87	87
187	61	167	161	202	131	131

1.5 带平键空心轴尺寸及拆装

1.5 Assembly/disassembly of gear units with hollow shafts and keys



尺寸及紧固力矩

Dimensions and tightening torques

减速器型号 Gear unit type	D ^{H7}	DK	L8	M	C4	C5	C6	U _{-0.5}	T _{-0.5}	D3 _{-0.5}	L4	紧固力矩 Tightening torque Nm
DLKA..37	30	30	105	M10	5	10	25	7.5	33	29.7	35	20
DLKA..47	35	35	132	M12	5	12	29	9.5	38	34.7	45	20
DLKA..57	40	40	142	M16	5	12	34	11.5	41.9	39.7	50	40
DLKA..67	40	40	156	M16	5	12	34	11.5	41.9	39.7	50	40
DLKA..77	50	50	183	M16	5	12	43.5	13.5	53.5	49.7	50	40
DLKA..87	60	60	210	M20	5	16	56	17.5	64	59.7	60	80
DLKA..97	70	70	270	M20	5	16	65.5	19.5	74.5	69.7	60	80
DLKA..107	90	90	313	M24	5	20	80	24.5	95	89.7	70	200
DLKA..127	100	100	373	M24	5	20	89	27.5	106	99.7	70	200
DLKA..157	120	120	460	M24	5	20	107	31.3	127	119.7	70	200

1.6 低齿隙减速机 /R

针对 DLK 系列齿轮箱，从 37 及以上规格可以提供低齿隙产品。这些齿轮箱的齿隙比标准产品有显著降低，使得位置控制精度更高，定位更准确。齿隙在技术数据中以角度单位 ['] 来表示。输出轴齿隙是在输入轴被锁住，且输出轴不带载（最大为额定输出扭矩的 1%）的基础上规定的，允许公差为 $\pm 2'$ 。

可以提供下列低齿隙齿轮箱：

- 斜齿轮减速机 (K): 37-187
- 具体各机座能达到的低齿隙值详见双轴型减速机技术参数表
- 低齿隙产品的表示方式：在机座号后面加“R”。

如：DLK87/R DE3-112M-4

多级齿轮箱不能提供低齿隙产品。

1.6 Low backlash reducers

For DLK series, low backlash products can be provided from 37 and above specifications. The backlash of these reducers is significantly lower than that of standard products, resulting in higher position control accuracy and more accurate positioning. The backlash is expressed in angular units ['] in the technical data. The normal clearance of the output shaft is specified on the basic that the input shaft is locked and the output shaft is not loaded (up to 1% of the rated output torque), and the allowable tolerance is $\pm 2'$.

The following low backlash reducers are available:

- Helical gear reducer (K): 37-187
- The low backlash that each frame can achieve is shown in the technical table of double-shaft gearbox
- Model description of low backlash products:

Add "R" after frame size

For example: DLK87/R DE3-112M-4

Multistage reducer cannot provide products with low backlash.

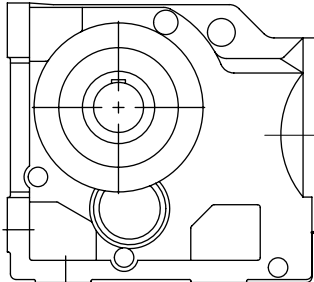
2.1 产品型号描述

减速电机型号从输出端开始描述。
示例如下：

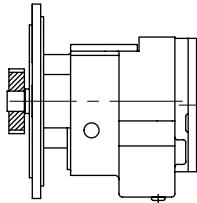
2.1 Product model description

The model of gear motor is described from the output end.
Examples are as follows:

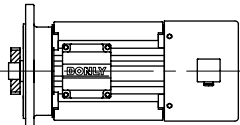
DL	K	107	R	77	DE3-100L1-4	/	TF
东力产品代号 / Donly production symbol	产品类型 / Type	机座号 / Size	产品类型 / Type	机座号 / Size	电机附件 / Motor accessories 具体详见电机样本 / see motor sample for details		
					AM 标准电机接头 / IEC standard motor adapter SF 伺服电机接头 / Servo motor adapter S 双轴型减速机 / Input shaft DE3 三相异步电动机 / Three phase AC motor 可配其他各类电动机 / Other motors are available		



DLK107

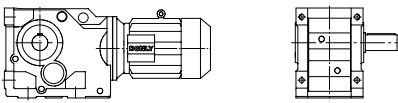
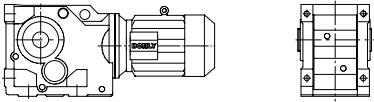
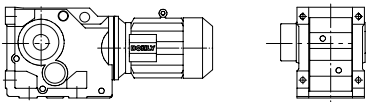
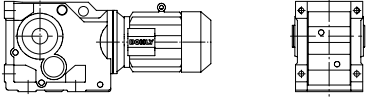
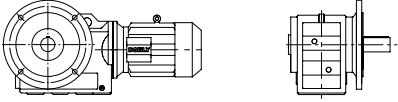
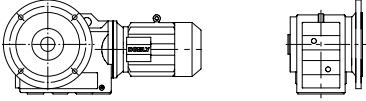
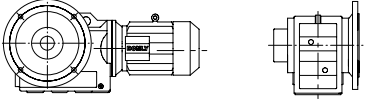
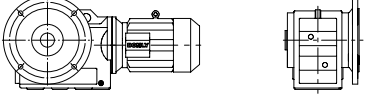
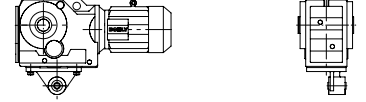
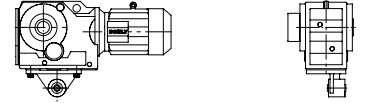
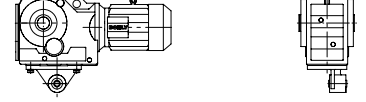
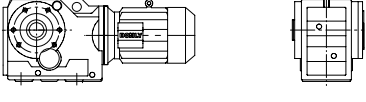
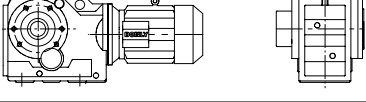
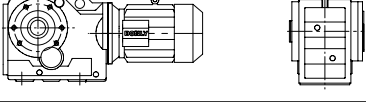


DLR77



DE3-100L1-4/TF

<p>其他型号描述示例： DLKF87 DE3-100L4/E1</p> <ul style="list-style-type: none"> • 东力产品代号：DL • 产品类型：KF87 • 机座号：87 • 电机：三相异步电动机 DE3 • 电机规格：100L，4 极 • 电机附件：E1 制动器 	<p>Other model description: DLKF87 DE3-100L4/E1</p> <ul style="list-style-type: none"> • Donly production symbol: DL • Type: KF87 • Size: 87 • Motor: Three-phase asynchronous motor DE3 • Motor specification: 100L, 4 • Motor accessories: E1 brake
--	--

产品类型	Product type		说明 /Description
代号 /Type	示意图 /Figure		
DLK			地脚式安装实心轴输出 Foot-mounted design
DLKAB			地脚式安装空心轴输出 Foot-mounted design with hollow shaft
DLKHB			地脚式安装空心轴带紧缩盘输出 Foot-mounted design with hollow shaft and shrink disk
DLKVB			地脚式安装花键空心轴输出 Foot-mounted design with splined hollow shaft
DLKF			B5 法兰安装实心轴输出 B5 flange-mounted design
DLKAF			B5 法兰安装空心轴输出 B5 flange-mounted design with hollow shaft
DLKHF			B5 法兰安装空心轴带紧缩盘输出 B5 flange-mounted design with shaft and shrink disk
DLKVF			B5 法兰安装花键空心轴输出 B5 flange-mounted design with splined hollow shaft
DLKAT(DLKA)			扭力臂安装空心轴输出 Torque arm-mounted design with shaft
DLKHT			扭力臂安装空心轴带紧缩盘输出 Torque arm-mounted design with shaft and shrink disk
DLKVT			扭力臂安装花键空心轴输出 Torque arm-mounted design with and splined hollow shaft
DLKAZ..			B14 法兰安装空心轴输出 B14 flange-mounted design with hollow shaft
DLKHZ..			B14 法兰安装空心轴带紧缩盘输出 B14 flange-mounted design with hollow shaft and shrink disk
DLKVZ..			B14 法兰安装花键空心轴输出 B14 flange-mounted design with splined hollow shaft
详见外形及安装尺寸 See dimension tables			

2.2 订货参数说明

示例如下:

2.2 Ordering parameter description

Examples are as follows:

P_m kw	n_a min^{-1}		i	T	S	F			SP	
4kw	29	M1	50.40	T:A	S:A	F:B	CP	L3	SP2	IR

电机额定功率 / Motor power

输出转速 / Output speed
详见相关选型表 / See selection table

安装方式 / Mounting position
详见 2.5/ See Chapter 2.5

减速比 / Ration
详见相关选型表 / See selection table

带扭力臂及扭力臂位置 / With torque arm and position

输出轴位置 / Shaft position
详见 2.4 / See Chapter 2.4

输出法兰位置 / Out flange position
详见 2.4 / See Chapter 2.4

防腐蚀 / Anti-Corrosion protection
详见 2.8 / See Chapter 2.8

接线盒及接线口位置
Position of terminal box and cable entry
详见 2.6 / See Chapter 2.6

表面防护 / Surface protection
详见 2.9 / See Chapter 2.9

带空心轴装拆套件
With Assembly/disassembly kit for hollow shaft
详见 1.5 / See Chapter 1.5

注意:
订货时必须明确 2.1 产品型号及 2.2 订货参数。

Note:
2.1 product model and 2.2 ordering parameters must be clearly defined when ordering.

2.3 制动器

根据需要，减速电机可以提供集成的电磁制动器，制动器由带直流线圈的电磁盘和弹簧组成。制动器为失电制动，其满足基本安全需要。带手动释放装置可实现手动释放。所有电机均可配套制动器。

2.3 Brake

On request, gearmotors can be supplied with an integrated mechanical brake. The brake is an electromagnetic disk brake with a DC coil that releases electrically and brakes using spring force. Due to its operating principle, the brake is applied if the power fails. It meets the basic safety requirements. The brake can also be released mechanically if equipped with manual brake release.

2.4 输出轴和输出法兰位置

实心轴和输出法兰位置

DLK 系列垂直式减速电机和减速机在订货时需要确定输出轴和输出法兰的位置：

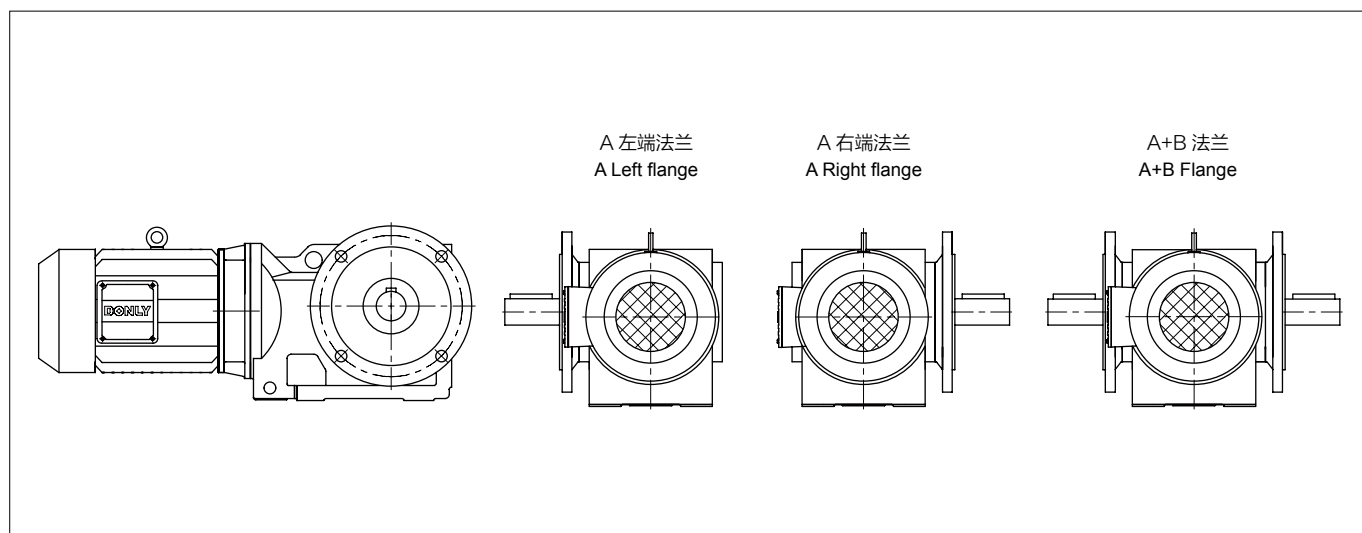
如下图所示（从高速端看）

2.4 Position of output shaft and output flange

Position of the solid output shaft and output flange

In right-angle gear units, you also have to indicate the position of the output shaft and the output flange:

A or B or AB



空心轴输出端位置

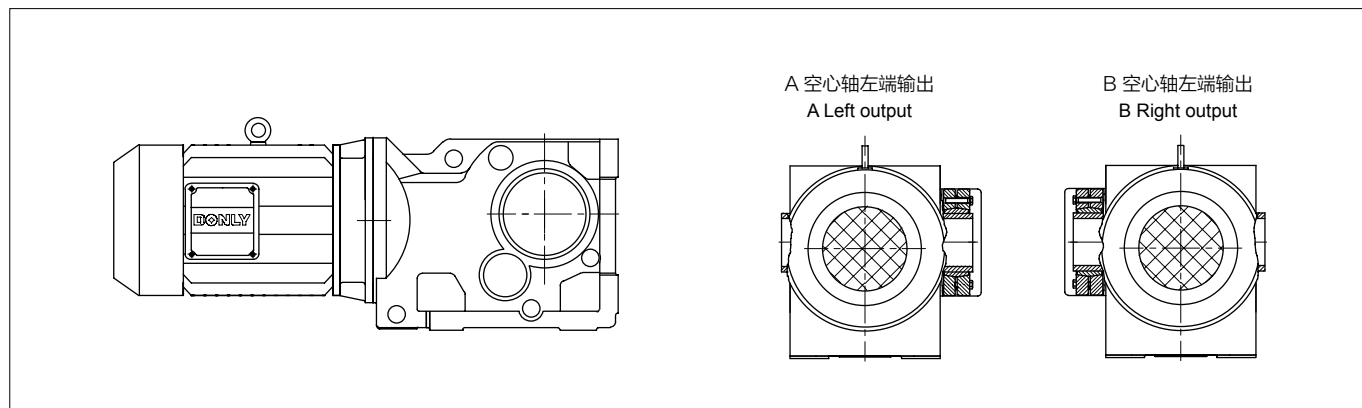
对于空心轴输出，其输出端是指工作轴（用户轴）端。其紧固端（如锁紧盘）在输出端的反面，如下图所示，如果 A 端为输出端，则锁紧盘在 B 端位置。

如下图所示（从高速端看）

Position of output hollow shaft

In shaft mounted right-angle gear units with a shrink disk, you also have to indicate whether the A or B end is the output end. the A end is the output end. The shrink disk is located opposite the output end.

In shaft mounted right-angle gear units, the "output end" is equivalent to the "shaft position" of right-angle gear units with solid shaft.



产品型号表示及订货说明

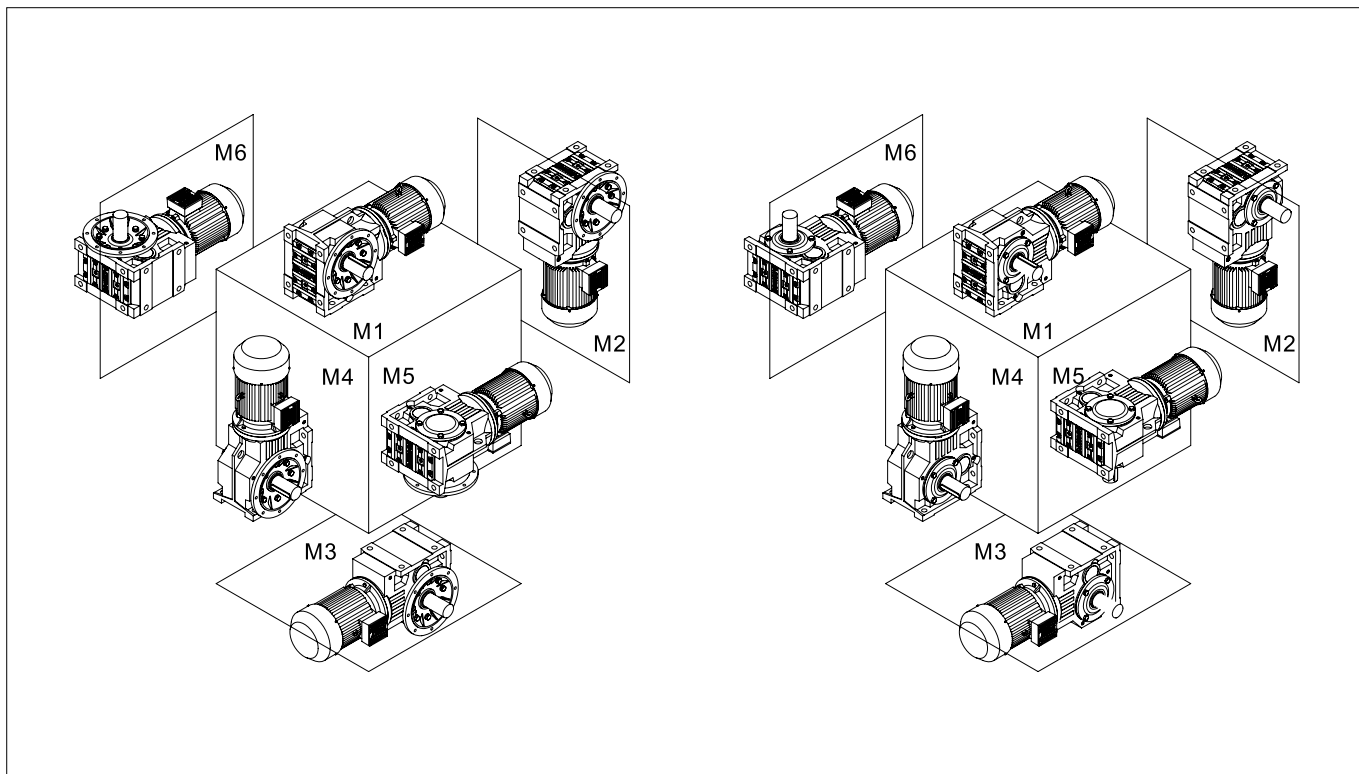
Product Designations And Order Information

2.5 安装方式

齿轮箱和齿轮电机的安装方式分 M1-M6 六种, 具体如下图所示

2.5 Mounting position

The following figure shows the position of the gear unit in mounting positions M1-M6.



2.6 电机接线盒和接线口位置

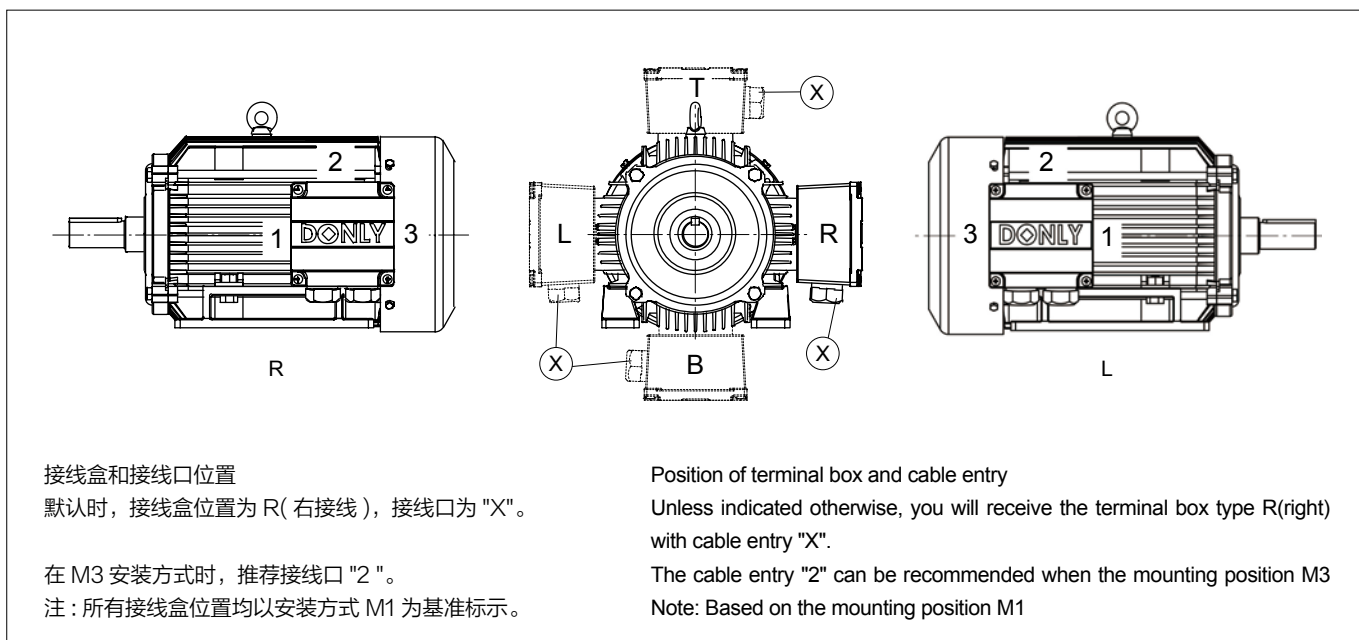
电机的接线盒用 L (左)、R (右)、T (顶)、B (底) 四种方式表示, 在 M1 安装方式下, 见下图。

2.6 Position of terminal box and cable entry

The position of the motor terminal box has so far been specified indicated with L(left), R(right), T(top) or B(bottom) as viewed onto the output shaft.

接线口的位置标注 "X" (标准位置, X 可省略), "1"、"2" 或 "3"。

The position of the cable entry can be selected as well. The positions are "X" (= standard position, X can be omitted), "1", "2" or "3".



接线盒和接线口位置

默认时, 接线盒位置为 R (右接线), 接线口为 "X"。

Position of terminal box and cable entry

Unless indicated otherwise, you will receive the terminal box type R(right) with cable entry "X".

在 M3 安装方式时, 推荐接线口 "2"。

The cable entry "2" can be recommended when the mounting position M3

注: 所有接线盒位置均以安装方式 M1 为基准标示。

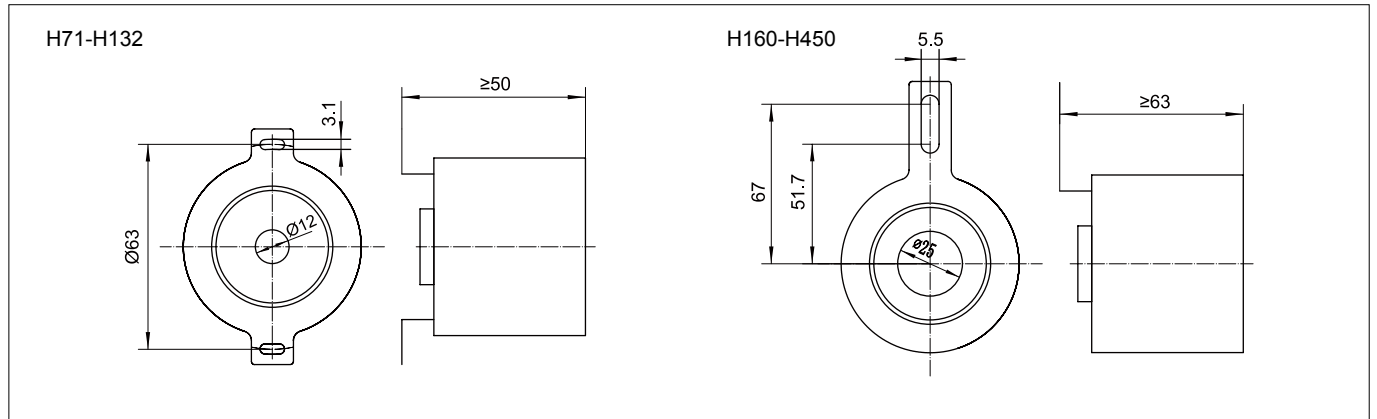
Note: Based on the mounting position M1

2.7 编码器

根据需要，减速电机可以提供编码器，若需客供编码器，请按以下连接接口尺寸配置编码器。

2.7 Encoder

On request, we can provide gearmotors with encoder. Please configure the encoder according to the following connection interface size when the encoder is provided by customers.



2.8 防腐蚀

对于使用环境有防腐蚀要求时，请选用 CP 级防腐蚀措施，具体如下：

所有运行时处于松开状态的螺栓采用不锈钢材料；

铭牌采用不锈钢材料；

各种电机零件喷面漆；

法兰和轴伸表面涂防腐剂；

采用高质量防腐油封。

2.8 Anti-corrosion protection

On special corrosion protection request, we can provide corrosion protection CP for gear units and gearmotors, which comprises the following measures:

All retaining screws that are loosened during operation are made of stainless steel.

The nameplates are made of stainless steel.

Various motor parts are coated with a top coating.

The flange contact surfaces and shaft ends are treated with a temporary anticorrosion agent.

With high quality anti corrosion seals.

2.9 表面防护

为满足不同应用场合的需求，东力提供了除标准表面防护外的 SP1-SP4 四种防护标准，详见下表：

2.9 Surface protection

In addition to standard surface protection, DONLY also have the option of surface protection SP1 to SP4 for different applications.

表面防护 Surface protection	漆层 Layers	灰铸铁表面漆膜厚度 NDFT on gray-cast iron [μm]	适用场合 Suitable for
标准 Standard	1× 浸底漆 Dip primer 1× 单组份面漆 One-pack top coat	约 /Approx. 50-70	<ul style="list-style-type: none"> • 常规环境条件 /Normal environmental conditions • 相对湿度低于 /Relative humidity below: 90% • 表面温度最高 /Surface temperature up to max. : 120°C • 腐蚀等级 /Corrosivity category: C1
SP1	1× 浸底漆 Dip primer 1× 双组份底漆 Two-pack base coat 1× 双组份面漆 Two-pack top coat	约 /Approx. 120-150	<ul style="list-style-type: none"> • 低环境影响 /Low environmental impact • 相对湿度最大 /Relative humidity max. : 95% • 表面温度最高 /Surface temperature up to max. : 120°C • 腐蚀等级 /Corrosivity category: C2
SP2	1× 浸底漆 Dip primer 1× 双组份底漆 Two-pack base coat 1× 双组份面漆 Two-pack top coat	约 /Approx. 170-210	<ul style="list-style-type: none"> • 中等环境影响 /Medium environmental impact • 相对湿度最大 /Relative humidity up to 100% • 表面温度最高 /Surface temperature up to max. 120°C • 腐蚀等级 /Corrosivity category: C3
SP3	1× 浸底漆 Dip primer 1× 双组份底漆 Two-pack base coat 1× 双组份面漆 Two-pack top coat	约 /Approx. 220-270	<ul style="list-style-type: none"> • 高环境影响 /High environmental impact • 相对湿度最大 /Relative humidity up to 100% • 表面温度最高 /Surface temperature up to max. 120°C • 腐蚀等级 /Corrosivity category: C4
SP4	1× 浸底漆 Dip primer 1× 双组份环氧树脂底漆 Two-pack epoxy base coat 1× 双组份面漆 Two-pack top coat	约 /Approx. 320	<ul style="list-style-type: none"> • 很高环境影响 /Very high environmental impact • 相对湿度最大 /Relative humidity up to 100% • 表面温度最高 /Surface temperature up to max. 120°C • 腐蚀等级 /Corrosivity category: C5-1

1. NDFT (正常干膜厚度) = 需要的油漆厚度; 最小厚度 = 80% NDFT; 最大厚度 = 3 × NDFT (ISO 12944-5)

2. 腐蚀等级按照: ISO 12944-2

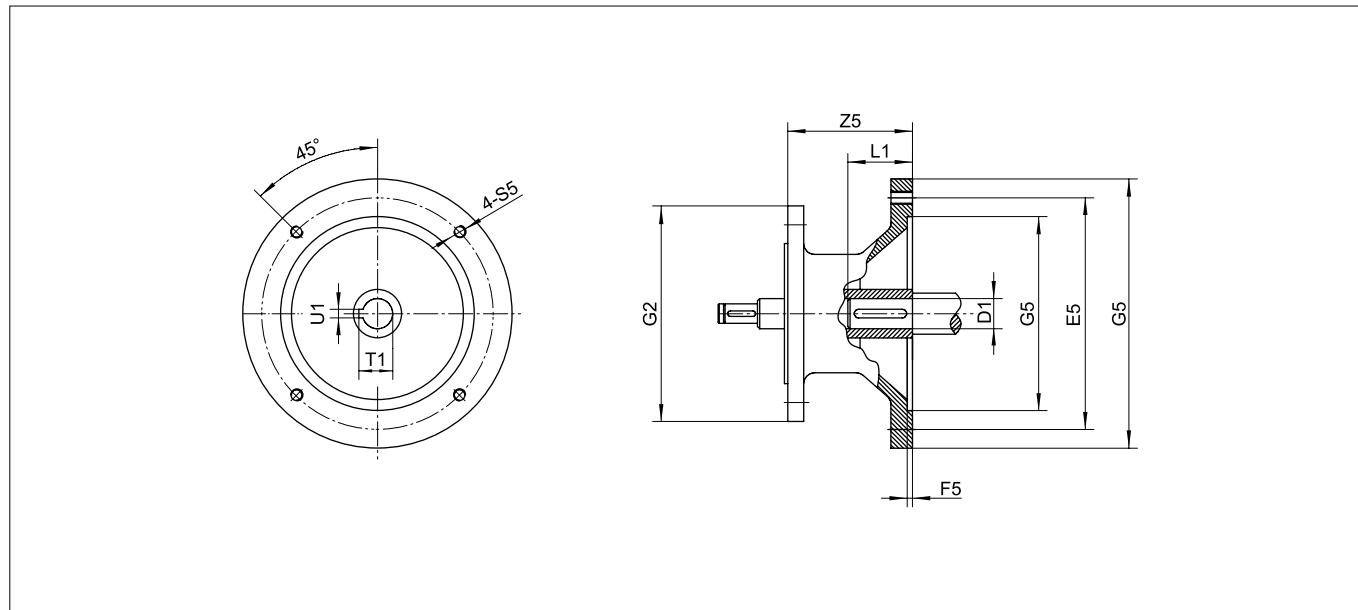
1. NDFT(Nominal dry film thickness)=Required coating thickness;

Minimum thickness = 80% NDFT; Maximum thickness = 3×NDFT(ISO 12944-5)

2. Corrosivity category according to: ISO 12944-2

2.10 标准电机连接法兰

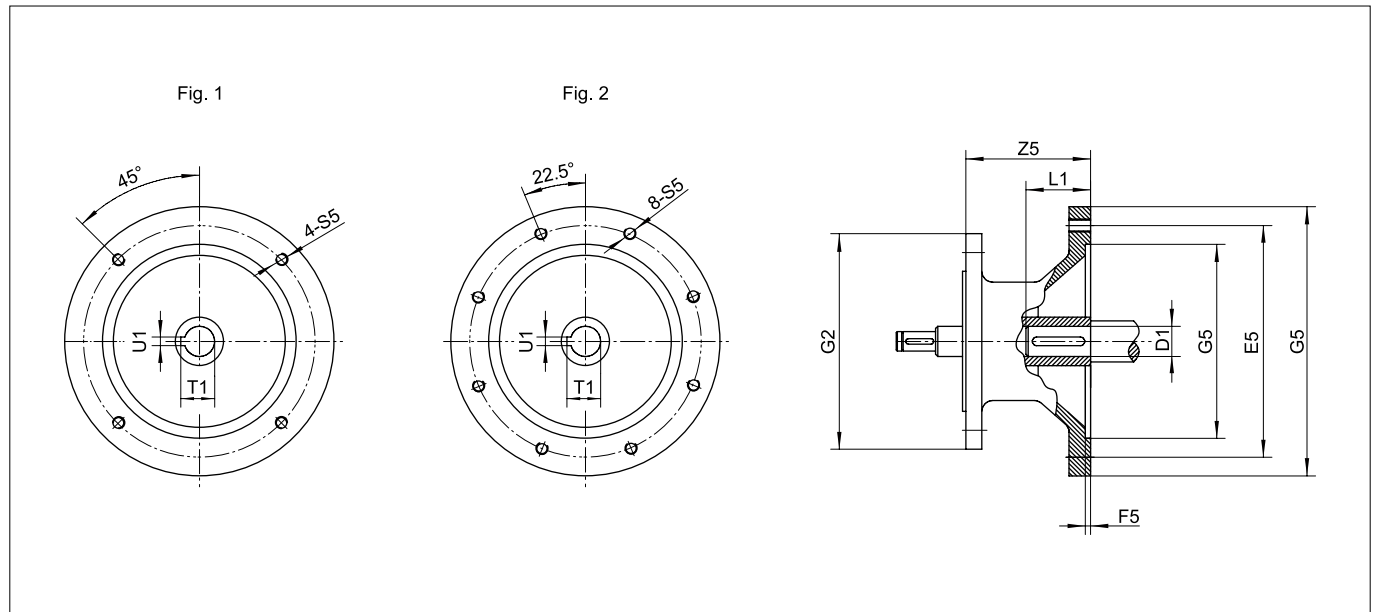
2.10 Motor adapter



减速机型号 Gear unit type	接头型号 Adapter type	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1	
DLK..37	AM63	95	115	3.5	120	140	M8	65	11	23	12.8	4	
	AM71	110	130			14			30	16.3	5		
	AM80	130	165	4.5		200	M10	71	19	40	21.8	6	
	AM90					24			50	27.3	8		
DLK..47 DLK..57 DLK..67	AM63	95	115	3.5	160	140	M8	54	11	23	12.8	4	
	AM71	110	130			14			30	16.3	5		
	AM80	130	165	4.5		200	M10	65	19	40	21.8	6	
	AM90					24			50	27.3	8		
	AM100	180	215	5		250	M12	108	28	60	31.3	8	
	AM112					300			158	38	80	41.3	10
AM132S/M	230	265											
DLK..77	AM63	95	115	3.5	200	140	M8	47	11	23	12.8	4	
	AM71	110	130			14			30	16.3	5		
	AM80	130	165	4.5		200	M10	56	19	40	21.8	6	
	AM90					24			50	27.3	8		
	AM100	180	215	5		250	M12	97	28	60	31.3	8	
	AM112												
	AM132S	230	265	5		300	M12	119	38	80	41.3	10	
	AM132M												
AM132L													
DLK..87	AM80	130	165	4.5	250	200	M10	54	19	40	21.8	6	
	AM90					24			50	27.3	8		
	AM100	180	215	5		250	M12	94	28	60	31.3	8	
	AM112												
	AM132S	230	265	5		300	M12	111	38	80	41.3	10	
	AM132M												
	AM132L												
	AM160	250	300	6		350	M16	149	42	110	45.3	12	
AM180	48				51.8	14							

2.10 标准电机连接法兰

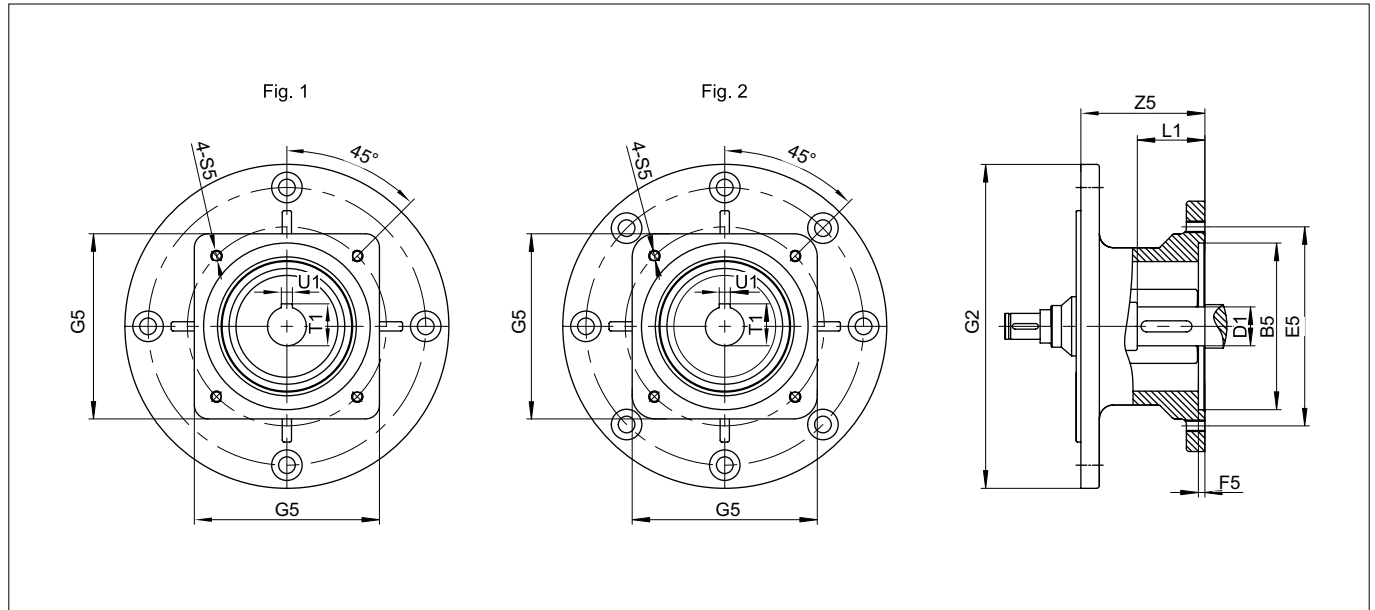
2.10 Motor adapter



减速机型号 Gear unit type	接头型号 Adapter type	Fig.	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
DLK..97	AM100	1	180	215	5	300	250	M12	84	28	60	31.3	8
	AM112												
	AM132S		230	265			6	350	M16	141	42	110	45.3
	AM132M												
	AM132L		300	350	7		400	178	55	59.3	16		
	AM180												
	AM200												
DLK..107	AM100	1	180	215	5	350	250	M12	82	28	60	31.3	8
	AM112												
	AM132S		230	265			6	350	M16	134	42	110	45.3
	AM132M												
	AM132L		250	300	7		400	171	55	59.3	16		
	AM180												
	AM200		300	350	7		450	190	60	140	64.4	18	
	AM225												
DLK..127	AM132S	1	230	265	5	450	300	M12	106	38	80	41.3	10
	AM132M												
	AM132L		250	300			6	350	M16	153	55	59.3	16
	AM180												
	AM200	300	350	7	450		172	60	64.4	18			
	AM225												
	AM250	2	450	500	7		550	226	65	140	69.4	18	
	AM280												
DLK..157 DLK..167 DLK..187	AM160	1	250	300	6	550	350	M16	124	42	110	45.3	12
	AM180												
	AM200		300	350			7	400	147	55	59.3	16	
	AM225												
	AM250	2	350	400	7		450	166	60	64.4	18		
	AM280												
AM280	2	450	500	7	550	218	65	140	69.4	18			
AM280													

2.11 伺服电机连接法兰

2.11 Servo motor adapter



减速机型号 Gear unit type	接头型号 Adapter type	Fig.	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
DLK..37	SF80	1	70	90	4	120	80	M6	72	19	35	21.8	6
	SF100		95	115			100	M8	101	19	35	21.8	6
	SF130		110	145	7		130	M8	104	22	55	25.3	8
	SF145		130	165			145	M12	104	24	55	27.3	8
DLK..47 DLK..57 DLK..67	SF80	1	70	90	4	160	80	M6	67	19	35	21.8	6
	SF100		95	115			100	M8	106	19	35	21.8	6
	SF130		110	145	7		130	M8	111	22	55	25.3	8
	SF145		130	165			145	M12	111	24	55	27.3	8
DLK..77	SF80	1	70	90	4	200	80	M6	58	19	35	21.8	6
	SF100		95	115			100	M8	97	19	35	21.8	6
	SF130		110	145	7		130	M8	100	22	55	25.3	8
	SF145		130	165			145	M12	100	24	55	27.3	8
	SF180-35		114.3	200			180	M12	168	35	79	38.3	10
	SF180-42		114.3	200			180	M12	168	42	113	45.3	12
DLK..87	SF130	1	110	145	7	250	130	M8	99	22	55	25.3	8
	SF145		130	165			145	M12	99	24	55	27.3	8
	SF180-35		114.3	200			180	M12	160	35	79	38.3	10
	SF180-42		114.3	200			180	M12	160	42	113	45.3	12
	SF190		180	215			200	M12	149	42	75	45.3	12
	SF200		180	215			200	M12	149	42	75	45.3	12
DLK..97	SF180-35	1	114.3	200	7	300	180	M12	152	35	79	38.3	10
	SF180-42		114.3	200			180	M12	152	42	113	45.3	12
	SF190		180	215			200	M12	141	42	75	45.3	12
	SF200		180	215			200	M12	141	42	75	45.3	12
DLK..107	SF190	1	180	215	7	350	200	M12	134	42	75	45.3	12
	SF200		180	215			200	M12	134	42	75	45.3	12
DLK..127	SF190	2	180	215	7	450	200	M12	130	42	75	45.3	12
	SF200		180	215			200	M12	130	42	75	45.3	12

3.1 选型步骤

DLK..DE3.. 系列减速电机按下述步骤进行选型，确保产品实际应用需要。

3.1 Selection steps

The project planning for DLK..DE3.. according to following procedure.

步骤 Steps	步骤名称 Procedure	详细说明 Content	选型示例 Example
1	原始参数 Original data	<ul style="list-style-type: none"> • 额定输出转速 / Rating work speed: n_e[rpm] • 负载功率 / Power of load: P_e[kW] • 运行时间 Working time per day: h[h/d] • 载荷类型 / Load classification: 轻载、中载、重载 (Uniform, Moderate shock, Heavy shock) • 每小时起动次数 / Start times: Z[1/h] • 作用在输出轴上的径向力 / Overhung force at shaft: FR • 径向力的作用点位置距轴肩距离 / The distance between the overhung force point and shaft shoulder: X • 作用在输出轴上的轴向力 / Axial force at shaft: F_{AI} • 其他要求: 带制动器, 防腐蚀 	$n_e=19$ rpm $P_e=2.7$ kW $h=16$ h/d 中载 /Medium shock load $Z=200$ 1/h $FR=6000$ N $X=60$ $F_{AI}=5500$ N
↓			
2	确定效率 η Determine efficiency	DLK 系列的效率按级数不同在 0.94-0.98 之间, 选型时取 $\eta=0.94$	$\eta=0.94$
↓			
3	计算功率 P_m Calculated power	按下式计算电机功率 Calculate power of motor according to following: $P_m = P_e/\eta$	$P_m = P_e/\eta$ $= 2.7/0.94$ $= 2.87$ kW
↓			
4	确定服务系数 f_l Determine service factor	根据负载类型按 3.2 章说明选定工况系数 F Select load factor F according to chapter 3.2 根据每小时起停次数按 3.3 说明选定起动系数 C Select start times factor C according to chapter 3.3 按计算服务系数 f_l , Calculate service factor f_l : $f_l = F \times C$	按表 3.2-1: $h = 16$ h/d 中载 $\Rightarrow F=1.5$ 按表 3.3: $Z = 200 \Rightarrow C=1.5$ $f_l = F \times C$ $= 1.5 \times 1.5$ $= 2.25$
↓			
5	初选减速电机 型号规格 Selecting size	根据 / According to $P \geq P_m$ 和 $f_l \leq f_B$ 及 n_e 原则从选型表中选定减速电机的机座号 (含电机的规格) 及转速 /nr Selecting size and output speed of gearmotor from selection table	按 $P_m=2.97$, $n_e = 19$, $f_l = 2.25$ 查选型表 /From selection table: DLK97 DE3-100L2-4 $P=3$ kW, $n_e=18$ rpm, $f_B=2.7$ 符合要求 /Qualified
↓			
6	校核 Check overhung and axial force	如有必要 / If necessary 按 3.4 章说明校核径向力和轴向力 Check overhung and axial forces according to chapter 3.4	查选型表 /From selection table $FR_a=40000$ N 地脚安装 /Foot-mounted: $FR_p=FR_a=40000$ N $FA_p=FR_a \times 0.5=40000 \times 0.5=20000$ N 查表 3.4 $A=323, b=253$ $FX=FR_p \frac{a}{b+x} = 40000 \frac{323}{253+70} = 40000$ N 校核 /Check 径向力 /Overhung force: $FR=6000 < FX=40000$ 符合 Pass 轴向力 $F_{AI}=5500 < FA_p=20000$ 符合 Pass
↓			
7	确定型号 Determine type and size	根据实际负载需要, 按 2.1 产品型号描述和 2.2 订货参数说明确定最终型号规格 Depending on the actual need of load, Determine the type and size of gearmotor according to chapter 2.1 Product model description and 2.2 Ordering parameter description	根据上述计算结果和其他要求 Determine product designations according to above calculation and other requirements \Rightarrow DLK97 DE3-100L2-4/E $n_a=18$ rpm CP级防腐蚀

DLK..DE3.. 减速电机选型

Project Planning For DLS..DE3.. Gearmotors

3.2 载荷系数 F

载荷系数取决于载荷类型和每天工作时间，可按表 3.2-1 直接选取，不在表 3.2-1 范围的按表 3.2-2 选取。

表 3.2-1

3.2 Load factor F

The load factor is depending on the daily operating time and load classification. F can be found in table 3.2-1 or table 3.2-2.

Table 3.2-1

应用 Application field		F			应用 Application field		F				
		每天工作小时 Operating time per day					每天工作小时 Operating time per day				
		8h/d	16h/d	24h/d			8h/d	16h/d	24h/d		
建筑业 搅拌机 水泥厂 灰泥喷射机	Construction Industry Blender Cement plant Mortar spraying machine	1.25	1.5	1.75	泵 离心式 旋转型、齿轮型 叶轮型、叶片型 多缸活塞泵 螺旋泵	Pump Centrifugal Rotary type, Gear type Impeller type, Vane type Multi cylinder piston pump Screw pump	1	1.25	1.5		
		1.5	1.75	2			1	1	1.25		
		1	1	1.25			1	1	1.25		
酿造和蒸馏 麦芽菜池 装瓶机	Hrewege and distillation Mash tubs Bottling machine	1	1	1.25	搅拌机 纯液体（均匀密度） 液体（非均匀密度） 液体和固体	Agitators for media with Pure liquid (uniform density) Liquid (non-uniform density) Liquid and solid	1	1	1.25		
		1	1	1.25			1	1.25	1.5		
电梯 提升机 货运电梯 自动扶梯	Elevator Bucket elevator Freight elevator Escalators	1	1.25	1.5	输送机 平稳加载 重载链和螺旋输送 振动输送机	Conveyor Stable load Heavy duty chain and screw conveyor Vibratory conveyor	1	1	1.25		
		1	1.25	1.5			1	1.25	1.5		
		1	1	1.25			1.25	1.5	1.75		
过滤机	Filter	1	1.25	1.5	风扇 离心式风扇 工业风扇 冷却塔动力	Fans Centrifugal Industrial fans Cooling Tower drive	1	1	1.25		
发电机	Generator	1	1	1.25			1	1.25	1.5		
木材和塑料工业 电锯的主动力 电锯的进给力 砍木机 胶合板胶机 钻孔机 挤压机	Lumber and plastic Industry Main drive for saws Feed drive for saws Chopping machine Veneer gluing machine Drilling machine Extruder	1.5	1.75	2			1	1	1.25		
1		1.25	1.5	1	1.25	1.5					
1.5		1.75	2	1	1	1.25					
机床设备 平面刨床、龙门刨床 弯轧机 主动力、进给力 进给和辅助动力 压力机 折弯机 剪板机	Machine tool equipment Surface planer, Gantry planer Bending roll Main driver, feed driver Feed and auxiliary drive Presses Folding machine Plate shear	1.25	1.5	1.75	食品工业 粉碎机 甜菜切片机、揉面机 碾肉机 填充机 和面机 挤压机 甘蔗切碎机 榨糖机 烤面包机	Food industry Disintegrator Beet slicer, kneader Meat grinder Filling machine Dough mixer Extruder Sugar cane chooper Sugar mill Toaster	1.75	2	2.25		
		1.25	1.5	1.75			1.25	1.5	1.75		
		1	1.25	1.5			1	1	1.25		
包装机械 纸板堆叠机械 打包机	Packing machine Cardbard stacking machine Wrapping machine	1.25	1.5	1.75	水处理 普通通风装置 旋转木马式通风装置 条栅式筛子、搜集器 螺旋泵	Water treatment Common aerator Carrousel aerator Bar screen, collector Screw pump	1.5	1.5	1.5		
		1	1	1.25			1.75	1.75	1.75		
压缩机 离心式 轴流式	Compressor Centrifugal Axial flow	1	1.25	1.5	筛子 旋转式（石头，砂） 行进式吸水机	Screen Rotary(stone, gravel) Travelling water scooping machine	1	1.25	1.5		
		1	1.25	1.5			1	1	1.25		
混合机 均匀密度 不均匀密度	Mixer for Uniform media Non-uniform media	1	1.5	1.25	辅助动力伺服系统 微动装置	Auxiliary drive, servo system Microinching equipment	1	1	1		
		1	1.25	1.5			农用机械 施肥平土机 收割机	Agricultural machinery Manure scraper Reaping machine	1	1	1
		1.25	1.5	1.75					1	1	1.25
钢铁工业 拉线机 绕线机 集中驱动辊道 （无反转） 单独驱动辊道 （无反转） 集中驱动辊道 （有反转） 单独驱动辊道 （有反转）	Iron and steel industry Wire drawing machine Winding machine Group driver roller table (one-way rotation) Individual driver roller table (one-way rotation) Group driver roller table (two-way rotation) Individual driver roller table (two-way rotation)	1.25	1.5	1.75	纺织工业 织机 纺纱机 洗涤机	Textile industry Loom Spinning machine Washer	1.25	1.5	1.75		
		1	1.25	1.5			1	1	1.25		
		1.25	1.5	1.75			1	1.25	1.5		
磨机 球磨机、棒磨机 锤磨机、粉磨机	Mill Ball mill, rod mill Hammer mill, powder mill	1.75	1.75	1.75	印刷和制纸技术 切割机 卷筒 打包进料机	Printing and papermaking technology Cutter Reel Bale feeder	1	1.25	1.5		
		1.5	1.75	2			1	1	1.25		
		1.5	1.75	2			1	1.25	1.25		

表 3.2-2

Table 3.2-2

载荷类型 /Load Classification	工况系数 /Working factor F		
	8h/d	16h/d	24h/d
平稳载荷 /Uniform load: (加速系数 Acceleration factor $a < 0.2$)	1	1.18	1.32
中等冲击载荷 /Moderate shock load:(加速系数 Acceleration factor $0.2 < a < 3$)	1.25	1.5	1.7
重冲击载荷 /Heavy shock load:(加速系数 Acceleration factor $3 < a < 10$)	1.7	2	2.24

加速系数 a

Acceleration factor a

$$a = \frac{\text{所有外部质量的转动惯量 / All external mass moments of inertia } J_x}{\text{所有质量在电机轴 / Mass moment of inertia on the motor end } J_m}$$

所有外部转动惯量是指工作机和齿轮箱的转动惯量，折算到电机轴的值。其按下式计算：

All external mass moments of inertia” are the mass moments of inertia of the driven machine and the gear unit, scaled down to the motor speed. The calculation for scaling down to motor speed is performed using the following formula:

$$J_x = J \cdot \left(\frac{n}{n_M} \right)^2$$

J_x = 折算到电机轴的转动惯量
 J = 输出转速对应的转动惯量
 n = 齿轮箱输出转速
 n_M = 电机转速

J_x =Mass moment of inertia scaled down to the motor shaft
 J = Mass moment of inertia with reference to the output speed of the gear unit
 n =Output speed of the gear unit
 n_M =Motor speed

电机的转动惯量包括电机、制动器、飞轮（Z 风扇）等的转动惯量。

“Mass moment of inertia at the motor end” is the mass moment of inertia of the motor and, if installed, the brake and the flywheel fan(Z fan).

3.3 启动次数系数 C

启动次数是指每小时减速电机需要起动的次数，包含正反转和制动，正反转按两次启动折算，制动按 1.5 次启动折算。修正系数见表 3.3

3.3 Starting times factor C

Starting factor determined by starting times per hour which including starting, reverse and braking. 1 braking=1.5 starting, 1 reverse=2 starting.

The factor C refers to following table Table 3.3

表 3.3

Table 3.3

每小时启动次数 Starting times per hour	< 4	4-8	9-15	16-32	33-63	64-125	126-250
C	1	1.06	1.12	1.18	1.25	1.4	1.5

3.4 径向力和轴向力校核

许用径向力 FR_p

地脚式安装的许用径向力可由选型表直接查出，法兰安装的减速电机，其输出轴的许用径向力为选型表中值的 50%。

3.4 Check overhung and axial forces

Permitted overhung load FR_p

The permitted overhung loads FR_a for the output shafts of foot-mounted gear units with a solid shaft are listed in the selection tables for gearmotors. Flange-mounted gearmotors: A maximum of 50% of the overhung load FR_a specified in the selection tables for torque transmission via flange mounting are permitted.

地脚安装 /Foot-mounted: $FR_p = FR_a$
法兰安装 /Flange-mounted: $FR_p = FR_a \times 0.5$

许用轴向力 FA_p

如果输出轴上没有径向力，其许用轴向力为选型表中给定许用径向力的50%。

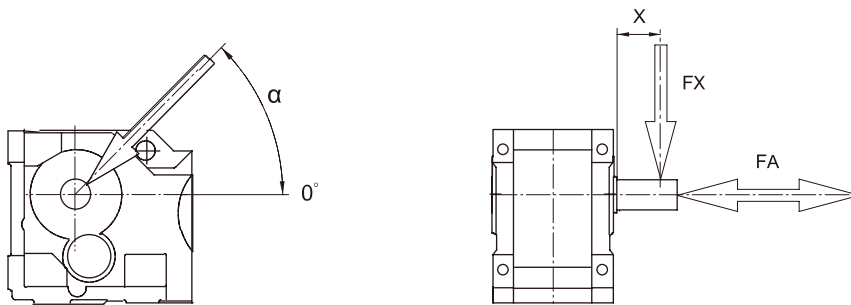
Permitted axial load FA_p

If there is no overhung load, then an axial force FA_p (tension or compression) amounting to 50 % of the overhung load given in the selection tables is permitted.

$$FA_p = FR_a \times 0.5$$

径向力计算 FR

Calculation of overhung force FR



FX = 在 X 点的许用径向力 / Permitted overhung load at point X [N]
 FA = 许用轴向力 / Permitted axial load [N]

$$FX = FR_p \frac{a}{b + X}$$

表 3.4

Table 3.4

齿轮箱型号 / Gear unit type	a[mm]	b[mm]
DLK37	123.5	98.5
DLK47	154.5	124.5
DLK57	172	137
DLK67	182.8	142.8
DLK77	218.7	168.7
DLK87	248.4	188.4
DLK97	323	253
DLK107	373	288
DLK127	443.1	338.1
DLK157	507.5	402.5
DLK167	625.8	500.8
DLK187	722.3	562.3

径向力校核

Check overhung force

$$FR \leq FX$$

轴向力校核

Check axial force

$$FA \leq FA_p$$

4.1 DLK.. 双轴型减速机选型

DLK.S.. 系列双轴型减速机, 因不带电动机, 其选型主要根据转矩和减速比进行, 详细请参考下述步骤进行选型。

4.1 Project planning for DLK.... gear units

Project planning for DLK..S. Double shaft gear units are depending on the torque and ration. Selecting it refers to following procedure.

步骤 Steps	步骤名称 Procedure	详细说明 Content	选型示例 Example
1	原始参数 Original data	<ul style="list-style-type: none"> • 额定输入转速 / Rating work speed: $n1[rpm]$ • 额定输出转速 / Rating work speed: $n2[rpm]$ • 负载转矩 / Power of load: $Me[N.m]$ • 运行时间 Working time per day: $h[h/d]$ • 载荷类型 / Load classification: 轻载、中载、重载 (Uniform, Moderate shock, Heavy shock) • 每小时起动次数 / Start times: $Z[1/h]$ • 作用在输出轴上的径向力 / Overhung force at shaft: FR • 径向力的作用点位置距轴肩距离 / The distance between the overhung force point and shaft shoulder: X • 作用在输出轴上的轴向力 / Axial force at shaft: FAI • 其他要求: 	$n1 = 1500 \text{ rpm}$ $n2 = 20 \text{ rpm}$ $Me = 650 \text{ N.m}$ $h = 24 \text{ h/d}$ 钢铁工业的集中驱动辊道 (无反转) / Group driver roller table (one rotation) $Z = 5 \text{ 1/h}$ $FR = 6000 \text{ N}$ $X = 60$ $FAI = 5500 \text{ N}$
2	计算转速比 i Ration	根据输入输出转速计算减速比 / Calculating ration: $i = n1/n2$	$i = n1/n2 = 1500/20 = 75$
3	确定服务系数 fl Determine service factor	根据负载类型按 3.2 章说明选定工况系数 F Select load factor F according to chapter 3.2 根据每小时起停次数按 3.3 说明选定起动系数 C Select start times factor C according to chapter 3.3 按计算服务系数 fl, Calculate service factor fl: $fl = F \times C$	按表 3.2 —1: $h = 24 \text{ h/d}$ 集中驱动轻道 (无转) Group driver roller table (one rotation) ⇒ $F = 1.75$ 按表 3.3: $Z = 5 \text{ C} = 1.06$ $fl = F \times C$ $= 1.75 \times 1.06$ $= 1.855$
4	计算所需转矩 Mr Calculating torque needed	按下式计算所需转矩 / Calculating torque needed $Mr = Me \times fl$	$Mr = Me \times fl$ $= 650 \times 1.855$ $= 1206$
5	初选减速机 型号规格 Selecting size	根据 / According to $M \geq Mr$, 和 i 原则从选型表中选定减速机的机座号及减速比 i Selecting size and ration of gear unit from selection table	按 $M > 1206$, $i = 75$ 查选型表 / From selection table: DLK77 S2 $M = 1600 \text{ } i = 77.11$ 符合要求 / Qualified
6	校核 Check overhung and axial force	如有必要 / If necessary 按 3.4 章说明校核径向力和轴向力 Check overhung and axial forces according to chapter 3.4	查选型表 / From selection table $FR = 15400 \text{ N}$ 地脚安装 / Foot-mounted: $FRp = FRa = 15400 \text{ N}$ $FAp = FRa \times 0.5 = 15400 \times 0.5 = 7700 \text{ N}$ 查表 3.4 $a = 218.7$, $b = 168.7$ $FX = FRp \frac{a}{b+x} = 15400 \times \frac{218.7}{168.7+50} = 15400 \text{ N}$ 校核 / Check: 径向力 / Overhung force: $FR = 6000 < FX = 15400$ 符合 Pass 轴向力 / Axial force: $FA = 5500 < FAp = 7700$ 符合 Pass
7	确定型号 Determine type and size	根据实际负载需要, 按 2.1 产品型号描述和 2.2 订货参数说明确定最终型号规格 Depending on the actual need of load, Determine the type and size of gearmotor according to chapter 2.1 Product model description and 2.2 Ordering parameter description	根据上述计算结果和其他要求 Determine product designations according to above calculation and other requirements ⇒ DLK77 S2 $i = 77.11$

4.2 辊道专用变频减速电机特点及应用场合

辊道专用变频减速电机是东力公司根据各种辊道工况需要而开发的专用减速电机, 共分为 DLR..YPG.., DLR..YGP.. 共两个系列, 具体特点如下:

1. DLR.. YPG.. 系列, 采用 IC411 冷却方式, 适用于冶金及其他行业 S1 长期工作制。也可根据用户需求订制 S5 工作制, 用于启动次数较多, 无经常正反转的场合。

2. DLR.. YGP.. 系列, 采用 IC410 冷却方式, 适用于冶金行业, 启动次数较多, 频繁正反转的场合。

4.3 专用减速电机的选型

专用减速电机在型谱编制时已考虑其工况情况, 因此选型比较简单。只要确定功率和转速即可, 详情请参考下述步骤进行选型。

4.2 The feature and application of gearmotors for roller table

Gearmotors for roller table are developed by DONLY for roller table in steel industry. There are two series as follows:

1. DLR..YPG.. series, IC411, suitable for S1. S5 according to customer requirements be customized, suitable for frequent starting and no frequent reverse condition.

2. DLR..YGP.. series, IC410, suitable for frequent starting and frequent reverse condition.

4.3 Project planning for special gearmotors

Project planning for special gearmotors is very simple for all of factors have been taken into account in selection table. Please refer to following procedure.

步骤 Steps	步骤名称 Procedure	详细说明 Content	选型示例 Example
1	原始参数 Original data	<ul style="list-style-type: none"> • 应用场合 / Application • 额定输出转速 / Rating work speed: n_e[rpm] • 负载功率 / Power of load: P_e[kW] • 作用在输出轴上的径向力 / Overhung force at shaft: F_X • 径向力的作用点位置距轴肩距离 / The distance between the overhung force point and shaft shoulder: X • 作用在输出轴上的轴向力 / Axial force at shaft: F_A • 其他要求: 	冶金行业辊道, 需要变频调速, S5 工作制 Roller table, driven by inverter, S5 duty $n_e = 30$ rpm $P_e = 6.7$ kW $F_X = 6000$ N $X = 60$ $F_A = 5500$ N
2	确定类型 Type	根据应用场合及其特点从 4.2 章说明中选定专用减速电机类型 Determine type from chapter 4.2 according to application	按: 冶金行业鞋道, 需要变频调速, S5 工作制 查表 4.2 Roller table, driven by inverter, S5 duty. From table 4.2 DLK..YGP..
3	确定效率 η Determine efficiency	DLR 系列的效率按级数不同在 0.94-0.98 之间, 选型时取 $\eta = 0.94$	$\eta = 0.94$
4	计算功率 P_m Calculated power	按下式计算电机功率 / Calculate power of motor according to following: $P_m = P_e / \eta$	$P_m = P_e / \eta$ $= 6.7 / 0.94$ $= 7.13$ kW
5	初选减速电机型号规格 Selecting size	根据 / According to $P > P_m$ 和 n_e 及专用减速电机类型 Type 原则从选定的专用减速电机选型表中选定减速电机的机座号 (含电机的规格) 及转速 n_e Selecting size and output speed of gearmotor from indicated selection table	按 $P_m = 7.13$, $n_e = 30$, $f_1 = 3$ 查选型表 / From selection table: DL K107-29-YGP160L1-4. $P = 7.5$ kw $n_e = 29$ rpm 符合要求 / Qualified
6	确定型号 Determine type and size	根据实际负载需要, 按 2.1 产品型号描述和 2.2 订货参数说明确定最终型号规格 Depending on the actual need of load, Determine the type and size of gearmotor according to chapter 2.1 Product model description and 2.2 Ordering parameter description	根据上述计算结果和其他要求 Determine product designations according to above calculation and other requirements ⇒ DLK107 YGP160L1-4 $n_g = 29$ rpm

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
0.12	0.08	13210	17312	79800	0.98				
	0.08	12060	15796	80400	1.08				
	0.09	11410	14954	80700	1.14	DLK127R77 DE3-63M1-4	530	65	
	0.11	9390	12301	81500	1.38	DLKF127R77 DE3-63M1-4	560	65	
	0.12	8350	10934	81800	1.56	DLKA127R77 DE3-63M1-4	500	65	
	0.14	7390	9678	82000	1.76	DLKAF127R77 DE3-63M1-4	540	65	
	0.16	6470	8480	82300	2.0				
	0.18	5600	7332	82300	2.3				
	0.11	9420	12346	65000	65000	0.85			
	0.12	8250	10809	65000	65000	0.97			
	0.14	7300	9558	65000	65000	1.10	DLK107R77 DE3-63M1-4	300	65
	0.16	6390	8368	65000	65000	1.25	DLKF107R77 DE3-63M1-4	315	65
	0.18	5600	7331	65000	65000	1.43	DLKA107R77 DE3-63M1-4	280	65
	0.21	4810	6299	65000	65000	1.66	DLKAF107R77 DE3-63M1-4	295	65
	0.23	4390	5756	65000	65000	1.82			
	0.26	3970	5204	65000	65000	2.0			
	0.30	3380	4433	65000	65000	2.4			
	0.19	5390	7067	40000	40000	0.80			
	0.22	4620	6051	40000	40000	0.93			
	0.25	4070	5334	40000	40000	1.06	DLK97R57 DE3-63M1-4	175	65
	0.29	3560	4657	40000	40000	1.21	DLKF97R57 DE3-63M1-4	210	65
	0.32	3160	4137	40000	40000	1.36	DLKA97R57 DE3-63M1-4	175	65
	0.38	2700	3542	40000	40000	1.59	DLKAF97R57 DE3-63M1-4	190	65
	0.42	2430	3183	40000	40000	1.77			
	0.47	2140	2802	40000	40000	2.0			
	0.61	1700	2183	40000	40000	2.5			
	0.68	1520	1952	40000	40000	2.8	DLK97R57 DE3-63M1-4	175	65
	0.79	1310	1678	40000	40000	3.3	DLKF97R57 DE3-63M1-4	210	65
	0.91	1130	1456	40000	40000	3.8	DLKA97R57 DE3-63M1-4	175	65
	1.1	985	1266	40000	40000	4.4	DLKAF97R57 DE3-63M1-4	190	65
	1.2	855	1097	40000	40000	5.0			
	0.33	3050	3999	27400	27400	0.89			
	0.37	2730	3577	27700	27700	0.99	DLK87R57 DE3-63M1-4	115	65
	0.39	2470	3413	28100	28100	1.09	DLKF87R57 DE3-63M1-4	130	65
	0.49	2070	2709	28300	28300	1.30	DLKA87R57 DE3-63M1-4	110	65
	0.56	1800	2361	28500	28500	1.50	DLKAF87R57 DE3-63M1-4	125	65
	0.75	1390	1779	28600	28600	1.94			
	0.84	1230	1581	28700	28700	2.2			
	0.94	1100	1414	28700	28700	2.5	DLK87R57 DE3-63M1-4	115	65
	1.1	990	1272	28800	28800	2.7	DLKF87R57 DE3-63M1-4	130	65
	1.2	860	1107	28900	28900	3.1	DLKA87R57 DE3-63M1-4	110	65
	1.4	760	977	28900	28900	3.6	DLKAF87R57 DE3-63M1-4	125	65
	1.5	680	876	29000	29000	4.0			
	1.8	570	738	29000	29000	4.7			
	0.55	1850	2426	15700	15700	0.86	DLK77R37 DE3-63M1-4	77	65
							DLKF77R37 DE3-63M1-4	83	65
							DLKA77R37 DE3-63M1-4	75	65
							DLKAF77R37 DE3-63M1-4	78	65
0.66	1580	2024	16500	16500	1.01				
0.70	1480	1893	17500	17500	1.08				
0.82	1260	1620	18300	18300	1.27				
0.90	1150	1471	18600	18600	1.39	DLK77R37 DE3-63M1-4	77	65	
1.0	1000	1289	19000	19000	1.60	DLKF77R37 DE3-63M1-4	83	65	
1.3	820	1050	19200	19200	1.95	DLKA77R37 DE3-63M1-4	75	65	
1.4	715	924	19500	19500	2.2	DLKAF77R37 DE3-63M1-4	78	65	
1.6	635	817	19600	19600	2.5				
1.7	610	785	19800	19800	2.6				
1.9	535	688	19900	19900	3.0				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page		
0.12	1.1	965	1241	10500	0.87					
	1.3	795	1018	11300	1.06					
	1.4	735	946	12000	1.14					
	1.8	580	744	12200	1.45					
	2.0	515	660	12700	1.63					
	2.3	445	573	12900	1.89	DLK67R37	DE3-63M1-4	53	65	
	2.5	420	541	13000	2.0	DLKF67R37	DE3-63M1-4	56	65	
	2.6	395	513	13000	2.1	DLKA67R37	DE3-63M1-4	51	65	
	3.1	330	430	13000	2.5	DLKAF67R37	DE3-63M1-4	56	65	
	3.9	270	344	13000	3.1					
	3.9	265	342	13000	3.2					
	4.6	225	288	13000	3.7					
	5.2	200	257	13000	4.2					
	5.9	175	225	13000	4.8					
	1.4	745	959	7750	7750	0.81				
	1.5	700	899	8220	8220	0.86				
	1.7	605	775	8690	8690	0.99				
	2.0	525	672	8930	8930	1.14				
	2.4	430	549	9120	9120	1.40				
	2.9	355	455	9250	9250	1.69	DLK57R37	DE3-63M1-4	51	65
	3.1	335	436	9420	9420	1.79	DLKF57R37	DE3-63M1-4	55	65
	3.2	325	418	9510	9510	1.85	DLKA57R37	DE3-63M1-4	50	65
	3.7	285	362	9610	9610	2.1	DLKAF57R37	DE3-63M1-4	55	65
	4.6	230	292	9710	9710	2.6				
	5.3	197	253	9770	9770	3.0				
	6.0	172	221	9830	9830	3.5				
	6.6	158	203	9860	9860	3.8				
	2.1	490	632	2520	2520	0.86				
	2.3	460	591	6350	6350	0.91	DLK47R37	DE3-63M1-4	43	65
	2.5	415	532	6930	6930	1.01	DLKF47R37	DE3-63M1-4	49	65
	3.1	335	429	7240	7240	1.25	DLKA47R37	DE3-63M1-4	40	65
	3.2	320	412	7560	7560	1.31	DLKAF47R37	DE3-63M1-4	49	65
	4.0	260	331	7670	7670	1.62				
4.1	250	324	7830	7830	1.68					
4.3	240	309	5640	5640	0.88					
4.9	215	272	5830	5830	0.98	DLK37R17	DE3-63M1-4	29	65	
5.6	185	238	6060	6060	1.14	DLKF37R17	DE3-63M1-4	30	65	
6.3	164	210	6220	6220	1.28	DLKA37R17	DE3-63M1-4	29	65	
7.2	146	185	6330	6330	1.44	DLKAF37R17	DE3-63M1-4	30	65	
8.1	128	164	6420	6420	1.64					
9.7	107	138	6500	6500	1.96					
6.2	184	143.08	13000	13000	4.6	DLK67	DE3-63M-6	42	81	
7.2	159	123.59	13000	13000	5.3	DLKF67	DE3-63M-6	45	84	
						DLKA67	DE3-63M-6	40	82	
						DLKAF67	DE3-63M-6	45	81	
6.1	187	145.02	9760	9760	3.2	DLK57	DE3-63M-6	40	76	
7.1	161	125.26	9820	9820	3.7	DLKF57	DE3-63M-6	44	79	
8.1	141	109.68	9850	9850	4.3	DLKA57	DE3-63M-6	39	77	
8.6	133	103.04	9880	9880	4.5	DLKAF57	DE3-63M-6	44	79	
10	118	91.59	9930	9930	5.1					
9.2	125	145.02	9920	9920	4.8	DLK57	DE3-63M1-4	40	76	
11	108	125.26	9950	9950	5.6	DLKF57	DE3-63M1-4	44	79	
12	94	109.67	9970	9970	6.4	DLKA57	DE3-63M1-4	39	77	
13	89	103.04	9960	9960	6.7	DLKAF57	DE3-63M1-4	44	79	
6.8	169	130.91	7930	7930	2.5	DLK47	DE3-63M-6	32	71	
7.4	155	120.63	7990	7990	2.7	DLKF47	DE3-63M-6	38	74	
8.6	134	103.71	8070	8070	3.1	DLKA47	DE3-63M-6	29	72	
						DLKAF47	DE3-63M-6	38	74	
10	113	130.91	7930	7930	3.7	DLK47	DE3-63M1-4	32	71	
11	104	120.63	7990	7990	4.0	DLKF47	DE3-63M1-4	38	74	
						DLKA47	DE3-63M1-4	29	72	
						DLKAF47	DE3-63M1-4	38	74	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page
0.12	8.4	137	106.17	6230	1.53	DLK37	DE3-63M-6	22	66
	9.1	126	97.66	6300	1.67	DLKF37	DE3-63M-6	23	69
	11	108	83.63	6410	1.94	DLKA37	DE3-63M-6	22	67
	12	93	72.56	6480	2.3	DLKAF37	DE3-63M-6	23	69
	13	91	106.17	6500	2.3				
	14	84	97.66	6530	2.5				
	16	72	83.63	6570	2.9				
	18	63	72.56	6600	3.3				
	20	58	67.86	6610	3.6				
	22	51	59.73	6430	4.1				
	27	43	49.98	6130	4.9				
	30	38	44.68	5930	5.5	DLK37	DE3-63M1-4	22	66
	34	33	38.60	5660	6.4	DLKF37	DE3-63M1-4	23	69
	37	31	36.19	5550	6.8	DLKA37	DE3-63M1-4	22	67
	44	26	29.97	5270	8.1	DLKAF37	DE3-63M1-4	23	69
	46	25	29.12	5210	8.4				
	53	22	25.26	4980	10				
	56	20	23.63	4880	10				
	64	18	20.80	4660	11				
	76	15	17.40	4430	13				
85	13	15.56	4280	14					
106	11	12.60	3970	16					
0.18	0.11	14150	12301	79000	0.92				
	0.12	12570	10934	79900	1.03				
	0.14	11120	9678	80400	1.17				
	0.16	9750	8480	81100	1.33				
	0.18	8430	7332	81400	1.54	DLK127R77	DE3-63M2-4	530	65
	0.20	7490	6517	81800	1.74	DLKF127R77	DE3-63M2-4	560	65
	0.23	6590	5735	82100	1.97	DLKA127R77	DE3-63M2-4	500	65
	0.26	5760	5009	82300	2.3	DLKAF127R77	DE3-63M2-4	540	65
	0.30	5000	4345	82400	2.6				
	0.34	4470	3889	82500	2.9				
	0.39	3930	3422	82600	3.3				
	0.16	9620	8368	65000	0.83				
	0.18	8430	7331	65000	0.95				
	0.21	7240	6299	65000	1.10				
	0.23	6620	5756	65000	1.21	DLK107R77	DE3-63M2-4	300	65
	0.25	5980	5204	65000	1.34	DLKF107R77	DE3-63M2-4	315	65
	0.30	5090	4433	65000	1.57	DLKA107R77	DE3-63M2-4	280	65
	0.34	4460	3879	65000	1.79	DLKAF107R77	DE3-63M2-4	300	65
	0.39	3900	3398	65000	2.1				
	0.44	3490	3032	65000	2.3				
	0.50	3050	2657	65000	2.6				
	0.28	5350	4657	39900	0.80	DLK97R57	DE3-63M2-4	175	65
	0.32	4750	4137	40000	0.91	DLKF97R57	DE3-63M2-4	210	65
	0.37	4070	3542	40000	1.06	DLKA97R57	DE3-63M2-4	175	65
	0.42	3660	3183	40000	1.17	DLKAF97R57	DE3-63M2-4	190	65
	0.47	3220	2802	40000	1.34				
	0.61	2560	2183	40000	1.68				
	0.68	2290	1952	40000	1.88				
	0.79	1970	1678	40000	2.2				
	0.91	1710	1456	40000	2.5	DLK97R57	DE3-63M2-4	175	65
	1.0	1490	1266	40000	2.9	DLKF97R57	DE3-63M2-4	210	65
	1.2	1290	1097	40000	3.3	DLKA97R57	DE3-63M2-4	175	65
	1.5	1020	866	40000	4.2	DLKAF97R57	DE3-63M2-4	190	65
	1.7	905	774	40000	4.8				
	2.0	780	669	40000	5.5				
	2.2	695	593	40000	6.2				
0.49	3110	2709	27100	0.87	DLK87R57	DE3-63M2-4	115	65	
0.56	2710	2361	27500	1.00	DLKF87R57	DE3-63M2-4	130	65	
					DLKA87R57	DE3-63M2-4	115	65	
					DLKAF87R57	DE3-63M2-4	125	65	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page			
0.18	0.74	2090	1779	27800	1.29	DLK87R57 DE3-63M2-4 DLKF87R57 DE3-63M2-4 DLKA87R57 DE3-63M2-4 DLKAF87R57 DE3-63M2-4	115	65			
	0.84	1850	1581	28000	1.46						
	0.94	1660	1414	28200	1.63						
	1.0	1490	1272	28400	1.81						
	1.2	1300	1107	28600	2.1						
	1.4	1150	977	28700	2.3						
	1.5	1030	876	28800	2.6						
	2.4	635	542	28900	4.3						
	0.82	1900	1620	14500	0.84				DLK77R57 DE3-63M2-4	80	65
	0.90	1730	1471	15500	0.92				DLKF77R57 DE3-63M2-4	86	65
1.0	1510	1289	16700	1.06	DLKA77R57 DE3-63M2-4	78	65				
1.3	1230	1050	17600	1.30	DLKAF77R57 DE3-63M2-4	81	65				
1.4	1080	924	18200	1.48	DLK77R37 DE3-63M2-4 DLKF77R37 DE3-63M2-4 DLKA77R37 DE3-63M2-4 DLKAF77R37 DE3-63M2-4	78	65				
1.6	955	817	18700	1.68							
1.7	920	785	19100	1.74							
1.9	805	688	19400	2.0							
2.4	655	559	19500	2.4							
2.7	575	491	19700	2.8							
3.0	510	435	19800	3.1							
3.6	425	364	19900	3.8							
1.8	870	744	9620	0.97	DLK67R37 DE3-63M2-4 DLKF67R37 DE3-63M2-4 DLKA67R37 DE3-63M2-4 DLKAF67R37 DE3-63M2-4	54	65				
2.0	775	660	10900	1.08							
2.3	670	573	11600	1.25							
2.4	635	541	12000	1.32							
2.6	600	513	12300	1.40							
3.1	505	430	12600	1.66							
3.9	405	344	12800	2.1							
3.9	400	342	13000	2.1							
4.6	340	288	13000	2.5							
2.4	645	549	7800	0.93	DLK57R37 DE3-63M2-4 DLKF57R37 DE3-63M2-4 DLKA57R37 DE3-63M2-4 DLKAF57R37 DE3-63M2-4	52	65				
2.9	535	455	8300	1.12							
3.0	510	436	8670	1.18							
3.2	490	418	8900	1.22							
3.7	420	362	9100	1.43							
4.5	340	292	9290	1.76							
5.2	300	253	9420	2.0							
6.0	260	221	9540	2.3							
6.5	235	203	9610	2.6							
7.5	205	176	9700	2.9							
3.2	485	412	5930	0.87	DLK47R37 DE3-63M2-4 DLKF47R37 DE3-63M2-4 DLKA47R37 DE3-63M2-4 DLKAF47R37 DE3-63M2-4	44	65				
4.0	390	331	6440	1.08							
4.1	375	324	6920	1.12							
5.1	305	262	7290	1.38							
5.9	265	225	7500	1.58							
6.1	255	218	7710	1.65							
7.6	205	174	7860	2.0							
8.5	183	156	7950	2.3							
9.9	157	134	8040	2.5							
6.3	245	210	5300	0.86	DLK37R17 DE3-63M2-4 DLKF37R17 DE3-63M2-4 DLKA37R17 DE3-63M2-4 DLKAF37R17 DE3-63M2-4	30	65				
7.2	220	185	5650	0.95							
8.1	193	164	5900	1.09							
9.6	162	138	6140	1.30							
10	152	129	6200	1.38							
6.1	285	143.08	13000	2.9				DLK67 DE3-71M1-6	45	81	
7.0	245	123.39	13000	3.4	DLKF67 DE3-71M1-6	47	84				
8.0	215	108.20	13000	3.9	DLKA67 DE3-71M1-6	42	82				
8.8	184	101.66	13000	4.5	DLKAF67 DE3-71M1-6	47	84				
9.3	185	143.08	13000	4.5	DLK67 DE3-63M2-4	43	81				
11	156	123.39	13000	5.4	DLKF67 DE3-63M2-4	46	84				
12	143	108.20	13000	5.9	DLKA67 DE3-63M2-4	41	82				
13	132	101.66	13000	6.4	DLKAF67 DE3-63M2-4	46	84				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page
0.18	6.2	263	145.02	9340	2.3	DLK57	DE3-71M1-6	42	76
	7.2	227	125.26	9480	2.6	DLKF57	DE3-71M1-6	46	79
	7.9	215	109.67	9590	2.8	DLKA57	DE3-71M1-6	41	77
	8.4	205	103.04	9620	2.9	DLKAF57	DE3-71M1-6	46	79
	9.5	181	91.59	9700	3.3				
	9.1	188	145.02	9750	3.2	DLK57	DE3-63M2-4	41	76
	11	163	125.26	9770	3.7	DLKF57	DE3-63M2-4	45	79
	12	142	109.68	9810	4.2	DLKA57	DE3-63M2-4	40	77
	13	134	103.04	9830	4.5	DLKAF57	DE3-63M2-4	45	79
	14	119	91.59	9880	5.0				
	18	90	77.85	9880	6.6				
	6.9	237	130.91	7380	1.77	DLK47	DE3-71M1-6	34	71
	7.5	219	120.63	7530	1.92	DLKF47	DE3-71M1-6	40	74
	8.7	188	103.71	7740	2.2	DLKA47	DE3-71M1-6	31	72
	9.6	179	90.35	7880	2.3	DLKAF47	DE3-71M1-6	40	74
	10	168	84.68	7930	2.5				
	10	170	130.91	7910	2.5	DLK47	DE3-63M2-4	33	71
	11	157	120.63	7970	2.7	DLKF47	DE3-63M2-4	39	74
	13	135	103.71	8060	3.1	DLKA47	DE3-63M2-4	30	72
	15	117	90.35	8120	3.6	DLKAF47	DE3-63M2-4	39	74
	16	110	84.68	8140	3.8				
	8.5	192	106.17	5520	1.09	DLK37	DE3-71M1-6	24	66
	9.2	177	97.66	5710	1.19	DLKF37	DE3-71M1-6	26	69
	11	152	83.63	5990	1.38	DLKA37	DE3-71M1-6	24	67
	12	144	72.56	6170	1.46	DLKAF37	DE3-71M1-6	26	69
	12	138	106.17	6210	1.52				
	14	127	97.66	6280	1.65				
	16	108	83.63	6400	1.94				
	18	94	72.56	6470	2.2	DLK37	DE3-63M2-4	23	66
	20	88	67.86	6500	2.4	DLKF37	DE3-63M2-4	24	69
	22	77	59.73	6280	2.7	DLKA37	DE3-63M2-4	23	67
	27	65	49.98	6010	3.2	DLKAF37	DE3-63M2-4	24	69
	30	58	44.68	5830	3.6				
	34	50	38.60	5580	4.2				
	37	47	36.19	5480	4.5				
	44	39	29.97	5220	5.4				
	46	38	29.12	5160	5.5				
	52	33	25.26	4950	6.4				
	56	31	23.63	4850	6.6	DLK37	DE3-63M2-4	23	66
	64	27	20.80	4650	7.4	DLKF37	DE3-63M2-4	24	69
	76	23	17.40	4430	8.3	DLKA37	DE3-63M2-4	23	67
	85	20	15.56	4280	9.3	DLKAF37	DE3-63M2-4	24	69
	99	17	13.44	4080	10				
	105	16	12.60	3860	11				
127	14	10.44	3620	11					
0.25	0.14	15210	9678	75300	0.85				
	0.16	13320	8480	79200	0.98				
	0.18	11520	7332	79900	1.13				
	0.21	10240	6517	80600	1.27	DLK127R77	DE3-71M1-4	530	65
	0.23	9010	5735	81200	1.44	DLKF127R77	DE3-71M1-4	560	65
	0.27	7870	5009	81600	1.65	DLKA127R77	DE3-71M1-4	500	65
	0.31	6830	4345	81900	1.90	DLKAF127R77	DE3-71M1-4	540	65
	0.35	6110	3889	82100	2.1				
	0.39	5380	3422	82300	2.4				
	0.21	9900	6299	65000	0.81				
	0.23	9040	5756	65000	0.80				
	0.26	8180	5204	65000	0.98				
	0.30	6970	4433	65000	1.15	DLK107R77	DE3-71M1-4	300	65
	0.35	6100	3879	65000	1.31	DLKF107R77	DE3-71M1-4	315	65
	0.40	5340	3398	65000	1.50	DLKA107R77	DE3-71M1-4	280	65
	0.44	4760	3032	65000	1.68	DLKAF107R77	DE3-71M1-4	300	65
	0.51	4180	2657	65000	1.91				
	0.58	3620	2305	65000	2.2				
	0.69	3080	1963	65000	2.6				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page
0.25	0.77	2790	1740	65000	2.9	DLK107R77	DE3-71M1-4	300	65
	0.85	2530	1580	65000	3.2	DLKF107R77	DE3-71M1-4	315	65
	1.0	2160	1347	65000	3.7	DLKA107R77	DE3-71M1-4	280	65
	1.1	1890	1180	65000	4.2	DLKAF107R77	DE3-71M1-4	300	65
	0.44	5050	3183	40000	0.85	DLK97R57 DLKF97R57 DLKA97R57 DLKAF97R57	DE3-71M1-4 DE3-71M1-4 DE3-71M1-4 DE3-71M1-4	175 210 175 190	65 65 65 65
	0.50	4400	2802	40000	0.98				
	0.62	3500	2183	40000	1.23				
	0.69	3130	1952	40000	1.37				
	0.80	2690	1678	40000	1.60				
	0.92	2330	1456	40000	1.85				
	1.1	2030	1266	40000	2.1				
	1.2	1760	1097	40000	2.4				
	1.6	1390	866	40000	3.1				
	1.7	1240	774	40000	3.5				
	0.76	2850	1779	27000	0.95	DLK87R57 DLKF87R57 DLKA87R57 DLKAF87R57	DE3-71M1-4 DE3-71M1-4 DE3-71M1-4 DE3-71M1-4	115 130 115 125	65 65 65 65
	0.85	2540	1581	27400	1.06				
	0.95	2270	1414	27800	1.19				
	1.1	2040	1272	28100	1.32				
	1.2	1780	1107	28300	1.52				
	1.4	1570	977	28500	1.72				
	1.5	1400	876	28600	1.93				
	1.8	1180	738	28700	2.3				
	2.5	870	542	28800	3.1				
	1.3	1680	1050	14300	0.95	DLK77R37 DLKF77R37 DLKA77R37 DLKAF77R37	DE3-71M1-4 DE3-71M1-4 DE3-71M1-4 DE3-71M1-4	79 85 77 80	65 65 65 65
	1.5	1480	924	15800	1.08				
	1.6	1310	817	16900	1.22				
	1.7	1260	785	17900	1.27				
	2.0	1100	688	18400	1.45				
	2.4	895	559	18800	1.79				
	2.7	785	491	19100	2.0				
	3.1	695	435	19300	2.3				
	3.7	585	364	19500	2.7				
	4.1	525	326	19700	3.0				
	4.5	470	296	19800	3.4				
	5.2	415	260	19900	3.9				
	5.9	365	229	19900	4.4				
	6.7	325	202	20000	4.9				
7.4	290	181	20000	5.5					
	2.3	920	573	7350	0.91	DLK67R37 DLKF67R37 DLKA67R37 DLKAF67R37	DE3-71M1-4 DE3-71M1-4 DE3-71M1-4 DE3-71M1-4	55 58 53 58	65 65 65 65
	2.5	865	541	10100	0.97				
	2.6	825	513	10900	1.02				
	3.1	690	430	11600	1.22				
	3.9	550	344	12000	1.53				
	3.9	550	342	12400	1.53				
	4.7	460	288	12700	1.83				
	5.2	410	257	12900	2.0				
	6.0	360	225	13000	2.3				
	3.1	700	436	5750	0.86	DLK57R37 DLKF57R37 DLKA57R37 DLKAF57R37	DE3-71M1-4 DE3-71M1-4 DE3-71M1-4 DE3-71M1-4	53 57 52 57	65 65 65 65
	3.2	670	418	7840	0.90				
	3.7	580	362	8380	1.03				
	4.6	470	292	8720	1.28				
	5.3	405	253	8950	1.48				
	6.1	355	221	9150	1.69				
	6.6	325	203	9280	1.85				
	7.6	280	176	9430	2.1				
	8.8	245	153	9550	2.4				
	11	189	118	9750	3.2				
	13	164	102	9780	3.7				
	5.1	465	126.80	19700	3.4	DLK77	DE3-80M2-8	74	86
	5.8	415	113.20	19800	3.9	DLKF77	DE3-80M2-8	80	89
						DLKA77	DE3-80M2-8	72	87
						DLKAF77	DE3-80M2-8	75	89

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page
0.25	5.7	395	153.21	19600	4.0	DLK77	DE3-71M2-6	71	86
	6.5	350	134.68	19700	4.6	DLKF77	DE3-71M2-6	76	89
	6.9	330	126.80	19800	4.9	DLKA77	DE3-71M2-6	69	87
	7.7	290	113.20	19900	5.5	DLKAF77	DE3-71M2-6	71	89
	6.4	370	101.66	12900	2.3	DLK67	DE3-80M2-8	49	81
	7.2	330	90.36	13000	2.5	DLKF67 DLKA67 DLKAF67	DE3-80M2-8 DE3-80M2-8 DE3-80M2-8	52 47 52	84 82 84
	6.3	370	143.80	13000	2.3	DLK67	DE3-71M2-6	46	81
	7.3	315	123.50	13000	2.7	DLKF67	DE3-71M2-6	48	84
	8.0	300	108.20	13000	2.8	DLKA67	DE3-71M2-6	43	82
	8.6	280	101.66	13000	3.0	DLKAF67	DE3-71M2-6	43	82
	9.6	250	90.36	13000	3.4	DLKAF67	DE3-71M2-6	48	84
	9.4	255	143.80	13000	3.3	DLK67	DE3-71M1-4	44	81
	11	215	123.50	13000	3.9	DLKF67	DE3-71M1-4	47	84
	12	199	108.20	13000	4.2	DLKA67	DE3-71M1-4	42	82
	14	168	101.66	13000	5.0	DLKAF67	DE3-71M1-4	47	84
	6.2	373	145.02	8950	1.61	DLK57	DE3-71M2-6	43	76
	7.2	322	125.26	9170	1.86	DLKF57	DE3-71M2-6	47	79
	7.9	300	109.67	9310	2.0	DLKA57	DE3-71M2-6	42	77
	8.4	285	103.04	9360	2.1	DLKAF57	DE3-71M2-6	42	77
	9.5	250	91.59	9480	2.4	DLKAF57	DE3-71M2-6	47	79
	12	200	77.85	9480	3.0	DLKAF57	DE3-71M2-6	47	79
	9.7	240	145.02	9410	2.5	DLK57	DE3-71M1-4	42	76
	11	207	125.26	9540	2.9	DLKF57	DE3-71M1-4	46	79
	12	195	109.67	9640	3.1	DLKA57	DE3-71M1-4	41	77
	13	185	103.04	9670	3.2	DLKAF57	DE3-71M1-4	41	77
	15	160	91.59	9740	3.8	DLKAF57	DE3-71M1-4	46	79
	17	140	77.85	9810	4.3	DLKAF57	DE3-71M1-4	46	79
	6.9	336	130.91	6540	1.25	DLK47	DE3-71M2-6	35	71
	7.5	310	120.63	6830	1.35	DLKF47	DE3-71M2-6	41	74
	8.7	266	103.71	7240	1.58	DLKA47	DE3-71M2-6	32	72
	9.6	250	90.35	7480	1.68	DLKAF47	DE3-71M2-6	32	72
	10	230	84.68	7590	1.83	DLKAF47	DE3-71M2-6	41	74
	11	216	130.91	7510	1.94	DLK47	DE3-71M1-4	33	71
	12	199	120.63	7640	2.1	DLKF47	DE3-71M1-4	39	74
	13	171	103.71	7820	2.5	DLKA47	DE3-71M1-4	30	72
	15	160	90.35	7930	2.6	DLKAF47	DE3-71M1-4	39	74
	16	150	84.68	7980	2.8	DLKAF47	DE3-71M1-4	39	74
	16	150	84.68	7980	2.8	DLKAF47	DE3-71M1-4	39	74
	12	199	72.56	5680	1.06	DLK37	DE3-71M2-6	25	66
	13	186	67.86	5810	1.13	DLKF37	DE3-71M2-6	27	69
	15	164	59.73	6050	1.28	DLKA37	DE3-71M2-6	25	67
	17	137	49.98	6230	1.53	DLKAF37	DE3-71M2-6	27	69
	13	175	106.17	5690	1.20	DLK37	DE3-71M1-4	23	66
	14	161	97.66	5860	1.30	DLKF37	DE3-71M1-4	25	69
	17	138	83.63	6090	1.52	DLKA37	DE3-71M1-4	23	67
	19	129	72.56	6250	1.63	DLKAF37	DE3-71M1-4	25	69
	20	120	67.86	6230	1.75	DLK37	DE3-71M1-4	23	66
	23	106	59.73	6030	2.0	DLKF37	DE3-71M1-4	25	69
	27	89	49.98	5810	2.4	DLKA37	DE3-71M1-4	23	67
	30	79	44.68	5650	2.7	DLKAF37	DE3-71M1-4	25	69
	35	68	38.60	5430	3.1	DLKAF37	DE3-71M1-4	25	69
	37	64	36.19	5340	3.3	DLKAF37	DE3-71M1-4	25	69
	45	53	29.97	5100	4.0	DLKAF37	DE3-71M1-4	25	69
	53	45	25.26	4860	4.7	DLKAF37	DE3-71M1-4	25	69
	57	42	23.63	4770	4.9	DLKAF37	DE3-71M1-4	25	69
	65	37	20.80	4580	5.4	DLKAF37	DE3-71M1-4	25	69
	77	31	17.40	4370	6.1	DLK37	DE3-71M1-4	23	66
	87	28	15.56	4230	6.6	DLKF37	DE3-71M1-4	25	69
100	24	13.44	4030	7.3	DLKA37	DE3-71M1-4	23	67	
107	22	12.60	3940	8.0	DLKAF37	DE3-71M1-4	25	69	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
0.25	129	19	10.44	3670	8.4				
	136	18	9.89	3610	8.9	DLK37	DE3-71M1-4	23	66
	152	16	8.84	3520	10	DLKF37	DE3-71M1-4	25	69
	176	14	7.64	3420	11	DLKA37	DE3-71M1-4	23	67
	188	13	7.16	3310	12	DLKAF37	DE3-71M1-4	25	69
	227	11	5.93	3240	14				
0.37	0.19	16780	7332	72500	0.77				
	0.22	14900	6517	76900	0.87				
	0.24	13260	5735	79400	0.98	DLK127R77	DE3-71M2-4	530	65
	0.27	11580	5009	80200	1.12	DLKF127R77	DE3-71M2-4	560	65
	0.31	10050	4345	80800	1.29	DLKA127R77	DE3-71M2-4	500	65
	0.35	8990	3889	81300	1.45	DLKAF127R77	DE3-71M2-4	540	65
	0.40	7910	3422	81700	1.64				
	0.71	4430	1914	82500	2.9	DLK127R77	DE3-71M2-4	530	65
	0.78	4040	1747	82500	3.2	DLKF127R77	DE3-71M2-4	560	65
	0.88	3540	1530	82600	3.7	DLKA127R77	DE3-71M2-4	500	65
						DLKAF127R77	DE3-71M2-4	540	65
	0.35	8970	3879	65000	0.89				
	0.40	7860	3398	65000	1.02	DLK107R77	DE3-71M2-4	300	65
	0.45	7010	3032	65000	1.14	DLKF107R77	DE3-71M2-4	315	65
	0.51	6140	2657	65000	1.30	DLKA107R77	DE3-71M2-4	380	65
	0.59	5330	2305	65000	1.50	DLKAF107R77	DE3-71M2-4	300	65
	0.69	4540	1963	65000	1.76				
	0.78	4110	1740	65000	1.95	DLK107R77	DE3-71M2-4	300	65
	0.86	3730	1580	65000	2.1	DLKF107R77	DE3-71M2-4	315	65
	1.0	3180	1347	65000	2.5	DLKA107R77	DE3-71M2-4	380	65
	1.1	2780	1180	65000	2.9	DLKAF107R77	DE3-71M2-4	300	65
	0.62	5150	2183	40000	0.83				
	0.69	4600	1952	40000	0.93				
	0.81	3960	1678	40000	1.09				
	0.93	3440	1456	40000	1.25				
	1.1	2990	1266	40000	1.44	DLK97R57	DE3-71M2-4	175	65
	1.2	2590	1097	40000	1.66	DLKF97R57	DE3-71M2-4	210	65
	1.6	2040	866	40000	2.1	DLKA97R57	DE3-71M2-4	175	65
	1.7	1830	774	40000	2.3	DLKAF97R57	DE3-71M2-4	195	65
	2.0	1580	669	40000	2.7				
	2.3	1400	593	40000	3.1				
	2.5	1250	531	40000	3.4				
	0.96	3340	1414	26600	0.81				
	1.1	3000	1272	27200	0.90				
	1.2	2610	1107	27600	1.03				
	1.4	2310	977	27900	1.17	DLK87R57	DE3-71M2-4	115	65
	1.5	2070	876	28200	1.30	DLKF87R57	DE3-71M2-4	130	65
	1.8	1740	738	28400	1.55	DLKA87R57	DE3-71M2-4	115	65
	2.5	1280	542	28600	2.1	DLKAF87R57	DE3-71M2-4	125	65
	2.7	1170	496	28800	2.3				
	3.0	1050	447	28800	2.6				
	3.4	940	398	28900	2.9				
1.7	1930	817	10600	0.83					
1.7	1850	785	15200	0.86					
2.0	1620	688	16500	0.99					
2.4	1320	559	17300	1.21					
2.8	1160	491	18000	1.38					
3.1	1030	435	18500	1.55	DLK77R37	DE3-71M2-4	79	65	
3.7	860	364	18900	1.86	DLKF77R37	DE3-71M2-4	85	65	
4.2	770	326	19200	2.1	DLKA77R37	DE3-71M2-4	77	65	
4.6	700	296	19400	2.3	DLKAF77R37	DE3-71M2-4	80	65	
5.2	615	260	19600	2.6					
5.9	540	229	19700	3.0					
6.7	475	202	19800	3.4					
7.5	425	181	19900	3.8					
8.2	390	165	19900	4.1					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
0.37	3.1	1010	430	900	0.83				
	3.9	810	344	10300	1.04				
	4.0	805	342	11100	1.04				
	4.7	680	288	11800	1.24	DLK67R37	DE3-71M2-4	56	65
	5.3	605	257	12200	1.39	DLKF67R37	DE3-71M2-4	58	65
	6.0	530	225	12500	1.58	DLKA67R37	DE3-71M2-4	53	65
	6.8	470	200	12700	1.79	DLKAF67R37	DE3-71M2-4	58	65
	7.9	405	172	12900	2.1				
	9.0	355	150	13000	2.4				
	11	300	127	13000	2.8				
	4.6	690	292	7430	0.87				
	5.4	595	253	8040	1.01				
	6.1	520	221	8520	1.15	DLK57R37	DE3-71M2-4	53	65
	6.7	480	203	8750	1.25	DLKF57R37	DE3-71M2-4	57	65
	7.7	415	176	9000	1.45	DLKA57R37	DE3-71M2-4	52	65
	8.8	360	153	9200	1.67	DLKAF57R37	DE3-71M2-4	57	65
	11	280	118	9480	2.1				
	13	240	102	9580	2.5				
	3.9	910	175.09	28900	3.0	DLK87	DE3-90S-8	110	91
	4.1	855	165.21	28900	3.2	DLKF87	DE3-90S-8	120	94
	4.6	770	148.15	28900	3.5	DLKA87	DE3-90S-8	105	92
						DLKAF87	DE3-90S-8	105	94
	4.5	785	198.33	28900	3.4	DLK87	DE3-80M1-6	105	91
	5.1	695	175.09	28900	3.9	DLKF87	DE3-80M1-6	115	94
	5.4	655	165.21	28900	4.1	DLKA87	DE3-80M1-6	100	92
						DLKAF87	DE3-80M1-6	110	94
	6.0	585	113.20	19500	2.7	DLK77	DE3-90S-8	80	86
	7.0	505	96.87	19700	3.2	DLKF77	DE3-90S-8	86	89
	6.0	505	96.87	19700	3.2	DLKA77	DE3-90S-8	78	87
						DLKAF77	DE3-90S-8	81	89
	5.9	595	153.21	19500	2.7	DLK77	DE3-80M1-6	73	86
	6.7	520	134.68	19600	3.1	DLKF77	DE3-80M1-6	79	89
	7.0	505	126.80	19700	3.2	DLKA77	DE3-80M1-6	71	87
	7.9	450	113.20	19800	3.6	DLKAF77	DE3-80M1-6	74	89
	9.2	380	153.21	19500	4.2	DLK77	DE3-71M2-4	69	86
	10	350	134.68	19600	4.6	DLKF77	DE3-71M2-4	75	89
	11	330	126.80	19700	4.8	DLKA77	DE3-71M2-4	67	87
	12	295	113.20	19800	5.4	DLKAF77	DE3-71M2-4	70	89
	14	255	96.87	19900	6.3				
7.5	470	90.36	12600	1.79	DLK67	DE3-90S-8	55	81	
					DLKF67	DE3-90S-8	57	84	
					DLKA67	DE3-90S-8	52	82	
					DLKAF67	DE3-90S-8	57	84	
	480	123.59	12500	1.75	DLK67	DE3-80M1-6	48	81	
					DLKF67	DE3-80M1-6	51	84	
					DLKA67	DE3-80M1-6	46	82	
					DLKAF67	DE3-80M1-6	51	84	
	9.8	355	143.08	12900	2.4				
	11	305	123.59	13000	2.8	DLK67	DE3-71M2-4	45	81
	13	280	108.20	13000	3.0	DLKF67	DE3-71M2-4	47	84
	13	265	101.66	13000	3.2	DLKA67	DE3-71M2-4	42	82
	15	235	90.37	13000	3.6	DLKAF67	DE3-71M2-4	47	84
	18	200	76.81	13000	4.2				
	7.2	485	125.26	8500	1.24				
	8.2	425	109.67	8780	1.41	DLK57	DE3-80M1-6	46	76
8.6	410	103.04	8870	1.46	DLKF57	DE3-80M1-6	50	79	
9.7	365	91.59	9070	1.64	DLKA57	DE3-80M1-6	45	77	
11	310	77.85	9280	1.94	DLKAF57	DE3-80M1-6	50	79	
13	280	70.39	9390	2.1					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
0.37	9.7	360	145.02	9000	1.67				
	11	311	125.26	9220	1.93				
	12	285	109.67	9370	2.1	DLK57	DE3-71M2-4	42	76
	13	270	103.04	9420	2.2	DLKF57	DE3-71M2-4	46	79
	15	240	91.59	9530	2.5	DLKA57	DE3-71M2-4	41	77
	17	205	77.85	9650	2.9	DLKAF57	DE3-71M2-4	46	79
	19	184	70.39	9700	3.3				
	8.7	400	103.71	5700	1.05	DLK47	DE3-80M1-6	37	71
	10	350	90.35	6500	1.20	DLKF47	DE3-80M1-6	43	74
	11	335	84.68	6730	1.25	DLKA47	DE3-80M1-6	34	72
	12	295	74.87	7100	1.42	DLKAF47	DE3-80M1-6	43	74
	11	325	130.91	6690	1.29				
	12	300	120.63	6960	1.40				
	13	255	103.71	7330	1.65	DLK47	DE3-71M2-4	34	71
	15	235	90.35	7580	1.79	DLKF47	DE3-71M2-4	40	74
	16	220	84.68	7670	1.91	DLKA47	DE3-71M2-4	31	72
	18	195	74.87	7810	2.2	DLKAF47	DE3-71M2-4	40	74
	19	184	70.61	7880	2.3				
	21	165	63.10	7960	2.5				
	14	240	97.66	2520	0.88				
	17	205	83.63	5470	1.02				
	19	190	72.56	5690	1.11				
	20	178	67.86	5630	1.18	DLK37	DE3-71M2-4	24	66
	23	157	59.73	5510	1.34	DLKF37	DE3-71M2-4	26	69
	27	131	49.98	5350	1.60	DLKA37	DE3-71M2-4	24	67
	30	117	44.68	5230	1.79	DLKAF37	DE3-71M2-4	26	69
	35	101	38.60	5060	2.1				
	37	95	36.19	4990	2.2				
	45	79	29.97	4800	2.7				
	53	66	25.26	4590	3.2				
	57	62	23.63	4510	3.3				
	65	55	20.80	4350	3.6				
77	46	17.40	4160	4.1					
87	41	15.56	4400	4.5					
100	35	13.44	3860	5.0	DLK37	DE3-71M2-4	24	66	
107	33	12.60	3780	5.3	DLKF37	DE3-71M2-4	26	69	
129	27	10.43	3580	5.9	DLKA37	DE3-71M2-4	24	67	
136	26	9.89	3460	6.2	DLKAF37	DE3-71M2-4	26	69	
152	23	8.84	3350	7.0					
176	20	7.64	3190	7.8					
188	19	7.16	3130	8.2					
227	16	5.93	2970	9.4					
0.55	0.09	51540	15463	190000	0.97				
	0.10	47470	14242	190000	1.05	DLK187R97	DE3-80M1-4	1870	65
	0.11	42170	12652	190000	1.19	DLKH187R97	DE3-80M1-4	1770	65
	0.17	28060	8419	190000	1.78				
	0.12	39850	11955	150000	0.80				
	0.13	34960	10490	150000	0.92				
	0.16	29400	8821	150000	1.09	DLK167R97	DE3-80M1-4	1180	65
	0.21	22380	6715	150000	1.43	DLKH167R97	DE3-80M1-4	1120	65
	0.25	18310	5494	150000	1.75				
	0.32	14740	4423	150000	2.2				
	0.24	19770	5931	109700	0.91	DLK157R97	DE3-80M1-4	860	65
	0.27	17240	5172	111500	1.04	DLKF157R97	DE3-80M1-4	880	65
	0.30	15330	4601	114400	1.17	DLKA157R97	DE3-80M1-4	790	65
	0.35	13130	3939	115300	1.37	DLKAF157R97	DE3-80M1-4	850	65
	0.32	14480	4345	76200	0.90	DLK127R77	DE3-80M1-4	540	65
	0.36	12960	3889	79200	1.00	DLKF127R77	DE3-80M1-4	570	65
	0.41	11410	3422	80200	1.14	DLKA127R77	DE3-80M1-4	510	65
	0.45	10290	3087	80700	1.26	DLKAF127R77	DE3-80M1-4	550	65
	0.52	8950	2684	81200	1.45				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page		
0.55	0.73	6510	1914	81900	2.0					
	0.80	5940	1747	82100	2.2	DLK127R77	DE3-80M1-4	540	65	
	0.91	5200	1530	82300	2.5	DLKF127R77	DE3-80M1-4	570	65	
	1.1	4480	1317	82400	2.9	DLKA127R77	DE3-80M1-4	510	65	
	1.2	3920	1154	82500	3.3	DLKAF127R77	DE3-80M1-4	550	65	
	1.4	3440	1010	82600	3.8					
	0.53	8860	2657	65000	65000	0.90	DLK107R77	DE3-80M1-4	305	65
	0.61	7680	2305	65000	65000	1.04	DLKF107R77	DE3-80M1-4	320	65
	0.71	6540	1963	65000	65000	1.22	DLKA107R77	DE3-80M1-4	290	65
							DLKAF107R77	DE3-80M1-4	305	65
	0.80	5920	1740	1740	65000	1.35				
	0.88	5370	1580	1580	65000	1.49				
	1.0	4580	1347	1347	65000	1.75				
	1.2	4010	1180	1180	65000	2.0	DLK107R77	DE3-80M1-4	305	65
	1.3	3590	1055	1055	65000	2.2	DLKF107R77	DE3-80M1-4	320	65
	1.5	3160	928	928	65000	2.5	DLKA107R77	DE3-80M1-4	290	65
	1.7	2720	799	799	65000	2.9	DLKAF107R77	DE3-80M1-4	305	65
	2.0	2380	700	700	65000	3.4				
	2.2	2160	636	636	65000	3.3				
	0.96	4950	1456	1456	40000	0.87				
	1.1	4310	1266	1266	40000	1.00				
	1.3	3730	1097	1097	40000	1.15				
	1.6	2950	866	866	40000	1.46				
	1.8	2630	774	774	40000	1.63	DLK97R57	DE3-80M1-4	185	65
	2.1	2280	669	669	40000	1.89	DLKF97R57	DE3-80M1-4	220	65
	2.4	2020	593	593	40000	2.1	DLKA97R57	DE3-80M1-4	185	65
	2.6	1810	531	531	40000	2.4	DLKAF97R57	DE3-80M1-4	200	65
	3.0	1570	462	462	40000	2.7				
	3.5	1350	398	398	40000	3.2				
	3.8	1240	364	364	40000	3.5				
	4.4	1070	314	314	40000	4.0				
	1.4	3320	977	977	26500	0.81				
	1.6	2980	876	876	27100	0.91				
	1.9	2510	738	738	27600	1.08				
	2.6	1840	542	542	28100	1.47				
	2.8	1690	496	496	28400	1.60	DLK87R57	DE3-80M1-4	125	65
	3.1	1520	447	447	28500	1.78	DLKF87R57	DE3-80M1-4	135	65
	3.5	1440	398	398	28600	1.88	DLKA87R57	DE3-80M1-4	120	65
	4.0	1180	346	346	28700	2.3	DLKAF87R57	DE3-80M1-4	130	65
	5.3	940	261	261	28900	2.9				
	5.7	890	246	246	28900	3.0				
	6.4	780	217	217	28900	3.5				
	2.5	1900	559	559	5780	0.84				
	2.8	1670	491	491	14500	0.96				
	3.2	1480	435	435	15900	1.08				
	3.8	1240	364	364	17100	1.29				
4.3	1110	326	326	17800	1.44	DLK77R37	DE3-80M1-4	85	65	
4.7	1010	296	296	18300	1.58	DLKF77R37	DE3-80M1-4	91	65	
5.4	885	260	260	18800	1.81	DLKA77R37	DE3-80M1-4	83	65	
6.1	780	229	229	19100	2.1	DLKAF77R37	DE3-80M1-4	86	65	
6.9	685	202	202	19300	2.3					
7.7	615	181	181	19500	2.6					
8.5	560	165	165	19600	2.9					
4.8	980	288	288	7360	0.86					
5.4	875	257	257	10100	0.96	DLK67R37	DE3-80M1-4	62	65	
6.2	765	225	225	10900	1.10	DLKF67R37	DE3-80M1-4	64	65	
7.0	680	200	200	11500	1.24	DLKA67R37	DE3-80M1-4	59	65	
8.1	580	172	172	12100	1.45	DLKAF67R37	DE3-80M1-4	64	65	
9.3	510	150	150	12400	1.65					
11	435	127	127	12700	1.93					
6.9	690	203	203	5180	0.87	DLK57R37	DE3-80M1-4	59	65	
7.9	560	176	176	7850	1.07	DLKF57R37	DE3-80M1-4	63	65	
9.1	520	153	153	8430	1.15	DLKA57R37	DE3-80M1-4	58	65	
12	400	118	118	8970	1.50	DLKAF57R37	DE3-80M1-4	63	65	
14	345	102	102	9150	1.74					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page
0.55	3.9	1280	175.09	28600	2.1	DLK87	DE3-90L-8	110	91
	4.1	1210	165.21	28600	2.2	DLKF87	DE3-90L-8	125	94
	4.6	1080	148.15	28600	2.5	DLKA87	DE3-90L-8	110	92
						DLKAF87	DE3-90L-8	120	94
	4.5	1180	198.33	28900	2.3	DLK87	DE3-80M2-6	105	91
	5.1	1040	175.09	28900	2.6	DLKF87	DE3-80M2-6	115	94
	5.4	980	165.21	28900	2.8	DLKA87	DE3-80M2-6	100	92
	6.1	840	148.15	28900	3.2	DLKAF87	DE3-80M2-6	110	94
	6.0	880	113.20	18700	1.82	DLK77	DE3-90L-8	83	86
	7.0	750	96.87	19100	2.1	DLKF77	DE3-90L-8	89	89
						DLKA77	DE3-90L-8	81	87
						DLKAF77	DE3-90L-8	84	89
	5.9	880	153.21	18700	1.82	DLK77	DE3-80M2-6	74	86
	6.7	775	134.68	19000	2.1	DLKF77	DE3-80M2-6	80	89
	7.0	755	126.80	19000	2.1	DLKA77	DE3-80M2-6	72	87
	7.8	670	113.20	19100	2.4	DLKAF77	DE3-80M2-6	75	89
	9.1	570	96.87	19400	2.8				
	10	520	88.00	19500	3.1				
	9.2	565	153.21	19500	2.8	DLK77	DE3-80M1-4	73	86
	10	495	134.68	19700	3.2	DLKF77	DE3-80M1-4	79	89
	11	475	126.80	19700	3.4	DLKA77	DE3-80M1-4	71	87
	12	425	113.20	19800	3.8	DLKAF77	DE3-80M1-4	74	89
	14	365	96.87	19900	4.4				
	16	330	88.00	19900	4.8				
	7.3	710	123.59	11200	1.18	DLK67	DE3-80M2-6	49	81
	8.3	624	108.20	11800	1.35	DLKF67	DE3-80M2-6	52	84
	8.7	605	101.66	11900	1.39	DLKA67	DE3-80M2-6	47	82
	9.8	535	90.36	12300	1.57	DLKAF67	DE3-80M2-6	52	84
	12	455	76.81	12600	1.85				
	11	455	123.59	12500	1.85	DLK67	DE3-80M1-4	48	81
	13	400	108.20	12800	2.1	DLKF67	DE3-80M1-4	51	84
	14	380	101.66	13000	2.2	DLKA67	DE3-80M1-4	46	82
	15	335	90.36	13000	2.5	DLKAF67	DE3-80M1-4	51	84
	18	290	76.81	13000	2.9				
	20	265	69.45	13000	3.2				
	8.2	630	109.67	7450	0.95				
	8.7	590	103.04	7710	1.02	DLK57	DE3-80M2-6	47	76
	9.1	575	97.04	7750	1.04	DLKF57	DE3-80M2-6	51	79
	9.7	545	91.59	8220	1.10	DLKA57	DE3-80M2-6	46	77
	11	460	77.85	8670	1.30	DLKAF57	DE3-80M2-6	51	79
	13	420	70.39	8870	1.43				
	14	360	61.06	9070	1.67				
	15	340	57.70	9150	1.76				
	11	460	125.26	8520	1.30	DLK57	DE3-80M1-4	46	76
	13	405	109.67	8800	1.48	DLKF57	DE3-80M1-4	50	79
	14	390	103.04	8890	1.54	DLKA57	DE3-80M1-4	45	77
	15	340	91.59	9100	1.76	DLKAF57	DE3-80M1-4	50	79
	18	295	77.85	9300	2.0				
	20	260	70.39	9410	2.3				
	23	225	61.06	9520	2.7				
	24	215	57.70	9560	2.8				
	14	380	103.71	5880	1.11	DLK47	DE3-80M1-4	37	71
	16	335	90.35	6550	1.25	DLKF47	DE3-80M1-4	43	74
	16	320	84.68	6790	1.31	DLKA47	DE3-80M1-4	34	72
	19	280	74.87	7150	1.50	DLKAF47	DE3-80M1-4	43	74
	20	265	70.61	7310	1.58				
	22	235	63.10	7500	1.79	DLK47	DE3-80M1-4	37	71
	25	215	56.71	7660	2.0	DLKF47	DE3-80M1-4	43	74
	29	182	48.33	7830	2.3	DLKA47	DE3-80M1-4	34	72
	31	171	45.47	7880	2.5	DLKAF47	DE3-80M1-4	43	74

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
0.55	23	220	59.73	4850	0.95				
	28	188	49.98	4790	1.12				
	31	168	44.68	4740	1.25				
	36	145	38.60	4640	1.45				
	39	136	36.19	4600	1.54				
	47	113	29.97	4470	1.86				
	59	89	23.63	4260	2.3				
	67	78	20.80	4130	2.6	DLK37	DE3-80M1-4	27	66
	80	65	17.40	3980	2.9	DLKF37	DE3-80M1-4	29	69
	90	59	15.56	3880	3.1	DLKA37	DE3-80M1-4	27	67
	104	51	13.44	3730	3.4	DLKAF37	DE3-80M1-4	29	69
	111	47	12.60	3660	3.7				
	134	39	10.44	3470	4.1				
	141	37	9.89	3370	4.3				
	158	33	8.84	3270	4.8				
	183	29	7.64	3130	5.3				
	195	27	7.16	3070	5.7				
235	22	5.93	2920	6.8					
0.75	0.11	57550	12652	187300	0.87				
	0.12	51470	11316	187300	0.97				
	0.14	46300	10179	187300	1.08				
	0.17	38290	8419	190000	1.31	DLK187R97	DE3-80M2-4	1870	65
	0.18	35270	7754	190000	1.42	DLKH187R97	DE3-80M2-4	1770	65
	0.20	31330	6888	190000	1.60				
	0.23	28020	6161	190000	1.78				
	0.16	40120	8821	150000	0.80				
	0.21	30540	6715	150000	1.05				
	0.25	24990	5494	150000	1.28	DLK167R97	DE3-80M2-4	1180	65
	0.28	22350	4914	150000	1.43	DLKH167R97	DE3-80M2-4	1120	65
	0.32	20120	4423	150000	1.59				
	0.38	16630	3656	150000	1.92				
	0.35	17920	3939	112300	1.00	DLK157R97	DE3-80M2-4	860	65
	0.39	16290	3582	114100	1.10	DLKF157R97	DE3-80M2-4	880	65
						DLKA157R97	DE3-80M2-4	790	65
						DLKAF157R97	DE3-80M2-4	850	65
	0.95	6850	1475	116200	2.6	DLK157R97	DE3-80M2-4	850	65
	1.1	6160	1328	116200	2.9	DLKF157R97	DE3-80M2-4	880	65
						DLKA157R97	DE3-80M2-4	780	65
						DLKAF157R97	DE3-80M2-4	840	65
	0.41	15560	3422	75800	0.84	DLK127R77	DE3-80M2-4	540	65
	0.45	14040	3087	78600	0.93	DLKF127R77	DE3-80M2-4	570	65
	0.52	12210	2684	79800	1.06	DLKA127R77	DE3-80M2-4	510	65
						DLKAF127R77	DE3-80M2-4	550	65
	0.73	8880	1914	81100	1.46				
	0.80	8110	1747	81400	1.60				
	0.91	7100	1530	81700	1.83	DLK127R77	DE3-80M2-4	540	65
	1.1	6110	1317	82000	2.1	DLKF127R77	DE3-80M2-4	570	65
	1.2	5360	1154	82200	2.4	DLKA127R77	DE3-80M2-4	510	65
	1.4	4690	1010	82400	2.8	DLKAF127R77	DE3-80M2-4	550	65
	1.6	4110	885	82500	3.2				
	0.80	8080	1740	65000	0.99				
0.88	7330	1580	65000	1.09					
1.0	6250	1347	65000	1.28					
1.2	5480	1180	65000	1.46	DLK107R77	DE3-80M2-4	305	65	
1.3	4900	1055	65000	1.63	DLKF107R77	DE3-80M2-4	325	65	
1.5	4310	928	65000	1.86	DLKA107R77	DE3-80M2-4	290	65	
1.7	3710	799	65000	2.2	DLKAF107R77	DE3-80M2-4	305	65	
2.0	3250	700	65000	2.5					
2.2	2950	636	65000	2.4					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
0.75	1.3	5090	1097	39700	0.84				
	1.6	4020	866	40000	1.07				
	1.8	3590	774	40000	1.20				
	2.1	3110	669	40000	1.38				
	2.4	2750	593	40000	1.56	DLK97R57	DE3-80M2-4	185	65
	2.6	2460	531	40000	1.75	DLKF97R57	DE3-80M2-4	220	65
	3.0	2140	462	40000	2.0	DLKA97R57	DE3-80M2-4	180	65
	3.5	1850	398	40000	2.3	DLKAF97R57	DE3-80M2-4	200	65
	3.8	1690	364	40000	2.5				
	4.4	1460	314	40000	2.9				
	5.3	1230	265	40000	3.5				
	5.8	1110	239	40000	3.9				
	6.6	980	211	40000	4.4				
	1.9	3420	738	26000	0.79				
	2.3	2850	614	27000	0.95				
	2.6	2520	542	27400	1.07				
	2.8	2300	496	27900	1.17	DLK87R57	DE3-80M2-4	125	65
	3.1	2080	447	28100	1.30	DLKF87R57	DE3-80M2-4	135	65
	3.5	1850	398	28300	1.46	DLKA87R57	DE3-80M2-4	120	65
	4.0	1610	346	28500	1.68	DLKAF87R57	DE3-80M2-4	130	65
	5.3	1210	261	28700	2.2				
	5.7	1140	246	28700	2.4				
	6.4	1010	217	28800	2.7				
	3.8	1690	364	14000	0.95	DLK77R37	DE3-80M2-4	86	65
	4.3	1510	326	15500	1.06	DLKF77R37	DE3-80M2-4	92	65
	4.7	1370	296	16600	1.17	DLKA77R37	DE3-80M2-4	84	65
	5.4	1210	260	17500	1.32	DLKAF77R37	DE3-80M2-4	87	65
	6.1	1060	229	18200	1.51				
	4.5	1490	153.21	40000	2.9	DLK97	DE3-100L1-8	175	96
	4.9	1370	140.30	40000	3.1	DLKF97	DE3-100L1-8	211	99
	5.6	1200	123.64	40000	3.6	DLKA97	DE3-100L1-8	175	97
						DLKAF97	DE3-100L1-8	190	99
	5.4	1240	127.67	28600	2.2	DLK87	DE3-100L1-8	115	91
	5.9	1140	116.55	28700	2.4	DLKF87	DE3-100L1-8	125	94
	6.8	995	102.27	28700	2.7	DLKA87	DE3-100L1-8	110	92
						DLKAF87	DE3-100L1-8	120	94
	5.3	1360	175.09	28600	2.0	DLK87	DE3-90S-6	115	91
	5.6	1280	165.21	28600	2.1	DLKF87	DE3-90S-6	125	94
	6.2	1150	148.15	28600	2.3	DLKA87	DE3-90S-6	110	92
						DLKAF87	DE3-90S-6	120	94
	7.0	1020	198.33	28800	2.6	DLK87	DE3-80M2-4	105	91
	8.0	900	175.09	28800	3.0	DLKF87	DE3-80M2-4	115	94
	8.4	845	165.21	28800	3.2	DLKA87	DE3-80M2-4	100	92
	9.4	760	148.15	28900	3.6	DLKAF87	DE3-80M2-4	110	94
	8.2	875	113.20	18700	1.83	DLK77	DE3-90S-6	80	86
	9.5	750	96.87	19100	2.1	DLKF77	DE3-90S-6	86	89
	11	680	88.00	19200	2.4	DLKA77	DE3-90S-6	78	87
						DLKAF77	DE3-90S-6	81	89
	9.2	770	153.21	19000	2.1				
	10	680	134.68	19200	2.4	DLK77	DE3-80M2-4	74	86
	11	650	126.80	19300	2.5	DLKF77	DE3-80M2-4	80	89
	12	580	113.20	19300	2.8	DLKA77	DE3-80M2-4	72	87
	14	495	96.87	19500	3.2	DLKAF77	DE3-80M2-4	75	89
	16	450	88.00	19700	3.6				
	11	628	123.59	12600	1.34	DLK67	DE3-80M2-4	49	81
	13	550	108.20	12600	1.53	DLKF67	DE3-80M2-4	52	84
	14	520	101.66	12600	1.62	DLKA67	DE3-80M2-4	47	82
	15	465	90.36	12600	1.81	DLKAF67	DE3-80M2-4	52	84
	18	395	76.81	12800	2.1	DLK67	DE3-80M2-4	49	81
	20	360	69.45	13000	2.3	DLKF67	DE3-80M2-4	52	84
	23	310	60.24	13000	2.7	DLKA67	DE3-80M2-4	47	82
	25	290	56.93	13000	2.9	DLKAF67	DE3-80M2-4	52	84

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page		
0.75	11	632	125.26	7500	0.95					
	13	553	109.67	8100	1.08					
	14	530	103.04	8160	1.13					
	15	470	91.59	8570	1.28	DLK57	DE3-80M2-4	47	76	
	18	395	77.85	8890	1.52	DLKF57	DE3-80M2-4	51	79	
	20	360	70.39	9060	1.67	DLKA57	DE3-80M2-4	46	77	
	23	315	61.06	9230	1.90	DLKAF57	DE3-80M2-4	51	79	
	24	295	57.70	9290	2.0					
	27	260	50.77	9450	2.3					
	30	235	45.79	9530	2.6					
	19	385	74.87	6060	6060	1.09	DLK47	DE3-80M2-4	38	71
	20	365	70.61	6410	6410	1.15	DLKF47	DE3-80M2-4	44	74
	22	325	63.10	6790	6790	1.29	DLKA47	DE3-80M2-4	35	72
	25	290	56.71	7110	7110	1.45	DLKAF47	DE3-80M2-4	44	74
	29	250	48.33	7430	7430	1.68	DLK47	DE3-80M2-4	38	71
	31	235	45.47	7540	7540	1.79	DLKF47	DE3-80M2-4	44	74
	35	200	39.34	7740	7740	2.1	DLKA47	DE3-80M2-4	35	72
	39	182	35.35	7760	7760	2.3	DLKAF47	DE3-80M2-4	44	74
	47	152	29.58	7520	7520	2.6				
	31	230	44.68	4170	4170	0.91				
	36	198	38.60	4150	4150	1.06				
	39	186	36.19	4140	4140	1.13				
	47	154	29.97	4080	4080	1.36				
	48	150	29.12	4060	4060	1.40				
	55	130	25.26	3990	3990	1.62				
	59	121	23.63	3950	3950	1.69				
	67	107	20.80	3860	3860	1.87	DLK37	DE3-80M2-4	28	66
	80	89	17.40	3750	3750	2.1	DLKF37	DE3-80M2-4	30	69
	90	80	15.56	3670	3670	2.3	DLKA37	DE3-80M2-4	28	67
	104	69	13.44	3550	3550	2.5	DLKAF37	DE3-80M2-4	30	69
	111	65	12.60	3500	3500	2.7				
	134	54	10.44	3320	3320	3.0				
	141	51	9.89	3250	3250	3.1				
	158	45	8.84	3160	3160	3.6				
	183	39	7.64	3030	3030	4.0				
	195	37	7.16	2980	2980	4.2				
	235	30	5.93	2840	2840	5.0				
	1.1	0.16	58640	8860	185900	0.85				
		0.17	55720	8419	190000	0.90				
		0.18	51320	7754	190000	0.97				
		0.20	45590	6888	190000	1.10	DLK187R97	DE3-90S-4	1880	65
		0.23	40780	6161	190000	1.23	DLKH187R97	DE3-90S-4	1780	65
0.25		36680	5542	190000	1.36					
0.29		32170	4861	190000	1.55					
0.26		36360	5494	150000	0.88					
0.29		32520	4914	150000	0.98					
0.32		29270	4423	150000	1.09	DLK167R97	DE3-90S-4	1190	65	
0.38		24200	3656	150000	1.32	DLKH167R97	DE3-90S-4	1130	65	
0.47		19800	2991	150000	1.62					
0.57		16660	2466	150000	1.92					
0.85		11270	1656	150000	2.8					
0.94		10150	1492	150000	3.2	DLK167R97	DE3-90S-4	1190	65	
1.0		9190	1351	150000	3.5	DLKH167R97	DE3-90S-4	1130	65	
1.2		8020	1187	150000	4.0					
0.47		19680	2974	109300	109300	0.91	DLK157R97	DE3-90S-4	860	65
0.50		18630	2815	111100	111100	0.97	DLKF157R97	DE3-90S-4	890	65
0.56		16580	2505	112700	112700	1.09	DLKA157R97	DE3-90S-4	790	65
0.64		14530	2196	113500	113500	1.24	DLKAF157R97	DE3-90S-4	850	65
0.72		12930	1954	115000	115000	1.39				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
1.1	0.95	9760	1475	115600	1.84				
	1.1	8790	1328	115800	2.0				
	1.2	7820	1182	116000	2.3	DLK157R97	DE3-90S-4	860	65
	1.4	6640	1003	116100	2.7	DLKF157R97	DE3-90S-4	890	65
	1.5	6020	909	116200	3.0	DLKA157R97	DE3-90S-4	790	65
	1.7	5490	829	116300	3.3	DLKAF157R97	DE3-90S-4	850	65
	0.73	12930	1914	79100	1.01				
	0.80	11800	1747	79800	1.10				
	0.92	10330	1530	80500	1.26				
	1.1	8900	1317	81100	1.46				
	1.2	7790	1154	81500	1.67				
	1.4	6820	1010	81800	1.91	DLK127R77	DE3-90S-4	540	65
	1.6	5980	885	82000	2.2	DLKF127R77	DE3-90S-4	580	65
	1.7	5440	806	82200	2.4	DLKA127R77	DE3-90S-4	510	65
	2.0	4760	705	82400	2.7	DLKAF127R77	DE3-90S-4	550	65
	2.2	4240	627	82500	3.1				
	2.5	3790	561	82500	3.4				
	2.9	3330	493	82600	3.9				
	3.3	2870	425	82600	4.5				
1.2	7970	1180	65000	1.00					
1.3	7130	1055	65000	1.12					
1.5	6270	928	65000	1.28					
1.8	5400	799	65000	1.48					
2.0	4730	700	65000	1.69	DLK107R77	DE3-90S-4	315	65	
2.2	4300	636	65000	1.67	DLKF107R77	DE3-90S-4	330	65	
2.6	3620	536	65000	2.2	DLKA107R77	DE3-90S-4	295	65	
3.0	3200	474	65000	2.5	DLKAF107R77	DE3-90S-4	310	65	
3.3	2840	421	65000	2.8					
3.8	2480	368	65000	3.2					
4.4	2170	322	65000	3.7					
1.8	5230	774	39900	0.82					
2.1	4520	669	40000	0.95					
2.4	4000	593	40000	1.08	DLK97R57	DE3-90S-4	190	65	
2.6	3590	531	40000	1.20	DLKF97R57	DE3-90S-4	225	65	
3.0	3120	462	40000	1.38	DLKA97R57	DE3-90S-4	190	65	
3.5	2690	398	40000	1.60	DLKAF97R57	DE3-90S-4	205	65	
3.9	2460	364	40000	1.75					
2.8	3350	496	26600	0.81					
3.1	3020	447	27000	0.89					
3.5	2710	398	27500	1.00	DLK87R57	DE3-90S-4	130	65	
4.1	2340	346	27800	1.15	DLKF87R57	DE3-90S-4	145	65	
5.4	1770	261	28300	1.53	DLKA87R57	DE3-90S-4	130	65	
5.7	1660	246	28400	1.63	DLKAF87R57	DE3-90S-4	140	65	
6.5	1470	217	28600	1.84					
4.5	2350	153.21	40000	1.83	DLK97	DE3-100L2-8	180	96	
4.9	2150	140.30	40000	2.0	DLKF97	DE3-100L2-8	215	99	
5.5	1890	123.64	40000	2.3	DLKA97	DE3-100L2-8	175	97	
					DLKAF97	DE3-100L2-8	195	99	
6.0	1750	153.21	40000	2.5	DLK97	DE3-90L-6	175	96	
6.6	1600	140.30	40000	2.7	DLKF97	DE3-90L-6	210	99	
7.4	1410	123.64	40000	3.0	DLKA97	DE3-90L-6	170	97	
					DLKAF97	DE3-90L-6	190	99	
9.2	1150	153.21	40000	3.7	DLK97	DE3-90S-4	170	96	
10	1050	140.30	40000	4.1	DLKF97	DE3-90S-4	205	99	
					DLKA97	DE3-90S-4	170	97	
					DLKAF97	DE3-90S-4	185	99	
5.2	2000	175.09	28300	1.35	DLK87	DE3-90L-6	110	91	
5.6	1890	165.21	28300	1.43	DLKF87	DE3-90L-6	125	94	
6.2	1690	148.15	28500	1.60	DLKA87	DE3-90L-6	110	92	
7.2	1460	127.67	28500	1.85	DLKAF87	DE3-90L-6	120	94	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page
1.1	8.0	1310	175.09	28700	2.1	DLK87	DE3-90S-4	110	91
	8.5	1230	165.21	28800	2.2	DLKF87	DE3-90S-4	125	94
	9.5	1110	148.15	28800	2.4	DLKA87	DE3-90S-4	110	92
	11	950	127.67	28800	2.8	DLKAF87	DE3-90S-4	120	94
	12	790	116.55	28800	3.4				
	8.1	1290	113.20	17000	1.24	DLK77	DE3-90L-6	83	86
	9.5	1110	96.87	17900	1.44	DLKF77	DE3-90L-6	89	89
						DLKA77	DE3-90L-6	81	87
						DLKAF77	DE3-90L-6	84	89
	10	990	134.68	18300	1.62				
	11	930	126.80	18500	1.72				
	12	845	113.20	18800	1.89	DLK77	DE3-90S-4	80	86
	15	725	96.87	19200	2.2	DLKF77	DE3-90S-4	86	89
	16	655	88.00	19300	2.4	DLKA77	DE3-90S-4	78	87
	18	575	77.11	19500	2.8	DLKAF77	DE3-90S-4	81	89
	19	545	73.11	19600	2.9				
	22	475	63.58	19600	3.4				
	13	800	108.20	10700	1.05	DLK67	DE3-90S-4	55	81
	14	750	101.66	11000	1.12	DLKF67	DE3-90S-4	57	84
	16	675	90.36	11400	1.24	DLKA67	DE3-90S-4	52	82
	18	575	76.81	12000	1.46	DLKAF67	DE3-90S-4	57	84
	20	520	69.45	12300	1.62				
	23	450	60.24	12600	1.87	DLK67	DE3-90S-4	55	81
	25	425	56.93	12700	2.0	DLKF67	DE3-90S-4	57	84
	28	375	50.09	12900	2.2	DLKA67	DE3-90S-4	52	82
	31	340	45.18	13000	2.5	DLKAF67	DE3-90S-4	57	84
	36	295	39.29	13000	2.8				
	15	685	91.59	2410	0.88				
	18	580	77.85	7840	1.03	DLK57	DE3-90S-4	52	76
	20	525	70.39	8280	1.14	DLKF57	DE3-90S-4	57	79
	23	455	61.06	8630	1.32	DLKA57	DE3-90S-4	52	77
	24	430	57.70	8750	1.40	DLKAF57	DE3-90S-4	57	79
	28	380	50.77	9020	1.58				
	31	340	45.79	9160	1.76				
	35	300	39.82	9330	2.0				
	38	275	36.92	9400	2.2				
	45	230	31.39	9540	2.6				
	50	210	28.39	9510	2.9				
	57	184	24.62	9220	3.3				
	60	174	23.26	9090	3.4				
	69	153	20.47	8720	3.8	DLK57	DE3-90S-4	52	76
	76	138	18.46	8510	4.1	DLKF57	DE3-90S-4	57	79
	88	120	16.05	8180	4.5	DLKA57	DE3-90S-4	52	77
	100	105	14.03	7880	4.9	DLKAF57	DE3-90S-4	57	79
	117	90	12.00	7630	4.4				
	124	85	11.34	7570	4.6				
	141	75	9.98	7520	5.3				
	156	67	9.00	7120	5.8				
	180	59	7.83	6720	6.2				
	206	51	6.84	6460	6.8				
	25	425	56.71	3310	0.99	DLK47	DE3-90S-4	40	71
	29	360	48.33	6360	1.17	DLKF47	DE3-90S-4	46	74
	31	335	45.47	6610	1.25	DLKA47	DE3-90S-4	40	72
	36	295	39.34	7090	1.42	DLKAF47	DE3-90S-4	46	74
	40	265	35.35	7090	1.58				
	48	220	29.58	6750	1.91	DLK47	DE3-90S-4	40	71
	54	195	26.16	6730	2.1	DLKF47	DE3-90S-4	46	74
	57	184	24.67	6510	2.2	DLKA47	DE3-90S-4	40	72
	64	165	22.05	6510	2.4	DLKAF47	DE3-90S-4	46	74
	71	148	19.81	6360	2.7				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
1.1	47	221	29.97	3430	0.90				
	56	186	25.26	3430	1.08				
	60	174	23.63	3420	1.15				
	68	155	20.80	3420	1.29				
	81	130	17.40	3370	1.46				
	90	116	15.56	3330	1.59				
	105	100	13.44	3260	1.75	DLK37	DE3-90S-4	32	66
	112	94	12.60	3220	1.86	DLKF37	DE3-90S-4	35	69
	135	78	10.44	3120	2.1	DLKA37	DE3-90S-4	32	67
	142	74	9.89	3100	2.2	DLKAF37	DE3-90S-4	35	69
	159	66	8.84	2970	2.4				
	184	57	7.64	2870	2.7				
	196	53	7.16	2830	2.9				
	237	44	5.93	2720	3.4				
1.5	0.20	62300	6888	183600	0.80				
	0.23	55720	6161	190000	0.90				
	0.25	50130	5542	190000	1.00	DLK187R97	DE3-90L-4	1880	65
	0.29	43970	4861	190000	1.14	DLKH187R97	DE3-90L-4	1780	65
	0.44	29210	3165	190000	1.71				
	0.48	26790	2903	190000	1.87				
	0.54	24140	2615	190000	2.1	DLK187R97	DE3-90L-4	1880	65
	0.59	21860	2369	190000	2.3	DLKH187R97	DE3-90L-4	1780	65
	0.32	40010	4423	150000	0.80				
	0.38	33070	3656	150000	0.97	DLK167R97	DE3-90L-4	1190	65
	0.47	27050	2991	150000	1.18	DLKH167R97	DE3-90L-4	1130	65
	0.57	22300	2466	150000	1.43				
	0.85	15391	1656	150000	2.1				
	0.94	13866	1492	150000	2.3	DLK167R97	DE3-90L-4	1190	65
	1.0	12556	1351	150000	2.5	DLKH167R97	DE3-90L-4	1130	65
	1.2	10960	1187	150000	2.9				
	1.4	9500	1029	150000	3.4				
	0.56	23280	2505	111000	0.77				
	0.64	20409	2196	113000	0.88				
	0.72	18160	1954	113500	0.99				
	0.95	13610	1475	114600	1.32	DLK157R97	DE3-90L-4	870	65
	1.1	12260	1328	115000	1.47	DLKF157R97	DE3-90L-4	890	65
	1.2	10910	1182	115300	1.65	DLKA157R97	DE3-90L-4	800	65
	1.4	9260	1003	115700	1.94	DLKAF157R97	DE3-90L-4	860	65
	1.5	8390	909	115900	2.1				
	1.7	7650	829	115900	2.4				
	2.3	5620	609	116300	3.2				
	2.6	5000	542	116400	3.6				
	2.7	4800	520	82500	2.7	DLK127R87	DE3-90L-4	570	65
	3.4	3850	417	82500	3.4	DLKF127R87	DE3-90L-4	600	65
	3.5	3720	403	82600	3.5	DLKA127R87	DE3-90L-4	540	65
	3.9	3380	364	82600	3.8	DLKAF127R87	DE3-90L-4	580	65
	0.80	16120	1747	73400	0.81				
	0.92	14120	1530	77500	0.92				
	1.1	12160	1317	79500	1.07				
	1.2	10650	1154	80300	1.22				
	1.4	9320	1010	80900	1.39	DLK127R77	DE3-90L-4	550	65
	1.6	8170	885	81400	1.59	DLKF127R77	DE3-90L-4	580	65
	1.7	7440	806	81700	1.75	DLKA127R77	DE3-90L-4	520	65
	2.0	6510	705	81900	2.0	DLKAF127R77	DE3-90L-4	560	65
	2.2	5790	627	82200	2.2				
	2.5	5180	561	82300	2.5				
2.8	4550	493	82400	2.9					
3.3	3920	425	82500	3.3					
1.3	9740	1055	65000	0.82	DLK107R77	DE3-90L-4	315	65	
1.5	8570	928	65000	0.93	DLKF107R77	DE3-90L-4	335	65	
1.8	7370	799	65000	1.09	DLKA107R77	DE3-90L-4	300	65	
2.0	6460	700	65000	1.24	DLKAF107R77	DE3-90L-4	315	65	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page
1.5	2.2	5870	636	65000	1.23			
	2.6	4950	536	65000	1.62	DLK107R77 DE3-90L-4	315	65
	3.0	4380	474	65000	1.83	DLKF107R77 DE3-90L-4	335	65
	3.3	3890	421	65000	2.1	DLKA107R77 DE3-90L-4	300	65
	3.8	3400	368	65000	2.4	DLKAF107R77 DE3-90L-4	315	65
	4.4	2970	322	65000	2.7			
	2.6	4900	531	40000	0.88			
	3.0	4260	462	40000	1.01			
	3.5	3670	398	40000	1.17	DLK97R57 DE3-90L-4	195	65
	3.9	3360	364	40000	1.28	DLKF97R57 DE3-90L-4	230	65
	4.5	2900	314	40000	1.48	DLKA97R57 DE3-90L-4	190	65
	5.3	2450	265	40000	1.76	DLKAF97R57 DE3-90L-4	210	65
	5.9	2210	239	40000	1.95			
	6.6	1950	211	40000	2.2			
	4.1	3190	346	26800	0.85			
	5.4	2425	261	27700	1.11	DLK87R57 DE3-90L-4	135	65
	5.7	2295	246	27900	1.18	DLKF87R57 DE3-90L-4	145	65
	6.5	2015	217	28200	1.34	DLKA87R57 DE3-90L-4	130	65
	7.2	1815	196	28300	1.49	DLKAF87R57 DE3-90L-4	140	65
	4.9	2930	142.42	65000	2.7	DLK107 DE3-112M-8	287	101
	5.8	2490	120.92	65000	3.2	DLKF107 DE3-112M-8	305	104
	6.2	2310	112.22	65000	3.5	DLKA107 DE3-112M-8	270	102
						DLKAF107 DE3-112M-8	285	104
	5.0	2890	140.30	40000	1.49	DLK97 DE3-112M-8	185	96
	5.6	2550	123.64	40000	1.69	DLKF97 DE3-112M-8	220	99
	6.3	2280	110.96	40000	1.89	DLKA97 DE3-112M-8	180	97
						DLKAF97 DE3-112M-8	200	99
	6.2	2330	153.21	40000	1.85	DLK97 DE3-100L-6	180	96
	6.7	2130	140.30	40000	2.0	DLKF97 DE3-100L-6	215	99
	7.6	1880	123.64	40000	2.3	DLKA97 DE3-100L-6	180	97
	9.0	1600	105.22	40000	2.7	DLKAF97 DE3-100L-6	195	99
	9.2	1560	153.21	40000	2.8	DLK97 DE3-90L-4	175	96
	10	1430	140.30	40000	3.0	DLKF97 DE3-90L-4	210	99
	11	1260	123.64	40000	3.4	DLKA97 DE3-90L-4	170	97
	13	1070	105.22	40000	4.0	DLKAF97 DE3-90L-4	190	99
	7.4	1940	127.67	28100	1.39	DLK87 DE3-100L-6	120	91
	8.1	1770	116.55	28200	1.53	DLKF87 DE3-100L-6	130	94
	9.2	1550	102.27	28400	1.74	DLKA87 DE3-100L-6	115	92
						DLKAF87 DE3-100L-6	125	94
	8.0	1790	175.09	28300	1.51			
	8.5	1690	165.21	28300	1.60			
	9.5	1510	148.15	28500	1.79	DLK87 DE3-90L-4	110	91
	11	1300	127.67	28800	2.1	DLKF87 DE3-90L-4	125	94
	12	1190	116.55	28800	2.3	DLKA87 DE3-90L-4	110	92
	14	1040	102.27	28800	2.6	DLKAF87 DE3-90L-4	120	94
	16	865	86.00	28800	3.1			
9.7	1470	96.87	15700	1.09	DLK77 DE3-100L-6	90	86	
11	1340	88.00	16400	1.19	DLKF77 DE3-100L-6	96	89	
12	1170	77.11	17400	1.37	DLKA77 DE3-100L-6	88	87	
					DLKAF77 DE3-100L-6	91	89	
10	1355	134.68	16800	1.18				
11	1270	126.80	17100	1.26				
12	1160	113.20	17700	1.38				
14	990	96.87	18400	1.62				
16	900	88.00	18700	1.78	DLK77 DE3-90L-4	83	86	
18	785	77.11	19000	2.0	DLKF77 DE3-90L-4	89	89	
19	745	73.11	19100	2.1	DLKA77 DE3-90L-4	81	87	
22	650	63.58	19400	2.5	DLKAF77 DE3-90L-4	84	89	
24	595	58.75	19500	2.7				
27	525	51.65	19700	3.0				
31	465	45.69	19800	3.4				
35	410	40.62	19800	3.9				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page
1.5	16	925	90.36	9370	0.91			
	18	785	76.81	10700	1.07	DLK67	DE3-90L-4	58
	20	710	69.45	11300	1.18	DLKF67	DE3-90L-4	61
	23	615	60.24	11800	1.37	DLKA67	DE3-90L-4	56
	25	580	56.93	12000	1.45	DLKAF67	DE3-90L-4	61
	28	510	50.09	12400	1.65			
	31	460	45.18	12600	1.83	DLK67	DE3-90L-4	58
	36	400	39.29	12800	2.1	DLKF67	DE3-90L-4	61
	39	370	36.12	12900	2.3	DLKA67	DE3-90L-4	56
	46	315	30.70	13000	2.7			
	23	625	61.06	7480	0.96	DLK57	DE3-90L-4	56
	24	590	57.70	7770	1.02	DLKF57	DE3-90L-4	60
	28	520	50.77	8430	1.15	DLKA57	DE3-90L-4	55
	31	465	45.79	8650	1.29	DLKAF57	DE3-90L-4	60
	35	405	39.82	8920	1.48			
	38	375	36.92	9040	1.60			
	45	320	31.38	9190	1.88	DLK57	DE3-90L-4	56
	49	285	28.38	9010	2.1	DLKF57	DE3-90L-4	60
	57	250	24.62	8780	2.4	DLKA57	DE3-90L-4	55
	60	235	23.26	8670	2.6	DLKAF57	DE3-90L-4	60
	69	210	20.47	8360	2.8			
	76	188	18.46	8300	3.0			
	36	400	39.34	5890	1.05	DLK47	DE3-90L-4	47
	40	360	35.35	6360	1.17	DLKF47	DE3-90L-4	53
	47	300	29.58	6200	1.40	DLKA47	DE3-90L-4	44
						DLKAF47	DE3-90L-4	53
	54	265	26.16	6190	1.51			
	57	250	24.67	6050	1.60			
	64	225	22.05	5950	1.78	DLK47	DE3-90L-4	47
	71	200	19.81	5800	2.0	DLKF47	DE3-90L-4	53
	83	172	16.89	5730	2.2	DLKA47	DE3-90L-4	44
	88	162	15.89	5560	2.3	DLKAF47	DE3-90L-4	53
	102	140	13.74	5430	2.7			
	114	126	12.35	5340	3.0			
	59	235	23.63	2880	0.85			
	67	210	20.80	2920	0.95			
	81	178	17.40	2940	1.07			
	90	159	15.56	2950	1.16			
	104	137	13.44	2930	1.28	DLK37	DE3-90L-4	37
	111	129	12.60	2920	1.36	DLKF37	DE3-90L-4	38
	135	106	10.43	2860	1.51	DLKA37	DE3-90L-4	37
	142	101	9.89	2820	1.58	DLKAF37	DE3-90L-4	38
159	90	8.84	2770	1.78				
184	78	7.63	2700	2.0				
196	73	7.16	2670	2.1				
237	61	5.93	2580	2.5				
2.2	0.29	65900	4861	190000	0.76	DLK187R97	DE3-100L1-4	1890
	0.45	42900	3165	190000	1.17	DLKH187R97	DE3-100L1-4	1790
	0.49	37860	2903	190000	1.32			
	0.55	34800	2615	190000	1.44			
	0.60	31530	2369	190000	1.59			
	0.69	27710	2082	190000	1.80			
	0.76	24830	1866	190000	2.0	DLK187R97	DE3-100L1-4	1890
	0.87	21710	1631	190000	2.3	DLKH187R97	DE3-100L1-4	1790
	1.0	18810	1413	190000	2.7			
	1.2	15960	1199	190000	3.1			

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
2.2	0.48	39010	2991	150000	0.82				
	0.58	32160	2466	150000	1.00				
	0.86	22460	1656	150000	1.42				
	0.96	20230	1492	150000	1.58	DLK167R97	DE3-100L1-4	1200	65
	1.1	18300	1351	150000	1.75	DLKH167R97	DE3-100L1-4	1140	65
	1.2	15800	1187	150000	2.0	DLK167R97	DE3-100L1-4	1200	65
	1.4	13700	1029	150000	2.3	DLKH167R97	DE3-100L1-4	1140	65
	1.5	12380	930	150000	2.6				
	1.7	10890	818	150000	2.9				
	0.97	19630	1475	112000	0.92				
	1.1	17670	1328	112900	1.02	DLK157R97	DE3-100L1-4	870	65
	1.2	15730	1182	113700	1.14	DLKF157R97	DE3-100L1-4	900	65
	1.4	13350	1003	114500	1.35	DLKA157R97	DE3-100L1-4	810	65
	1.6	12100	909	114900	1.49	DLKAF157R97	DE3-100L1-4	860	65
	1.7	11030	829	115300	1.63				
	2.7	6920	520	82000	1.88	DLK127R87	DE3-100L1-4	580	65
	3.4	5550	417	82200	2.3	DLKF127R87	DE3-100L1-4	610	65
	3.5	5360	403	82200	2.4	DLKA127R87	DE3-100L1-4	550	65
3.9	4840	364	82300	2.7	DLKAF127R87	DE3-100L1-4	590	65	
4.9	3910	294	82400	3.3					
1.4	13440	1010	78000	0.97					
1.6	11780	885	79600	1.10					
1.8	10730	806	80400	1.21	DLK127R77	DE3-100L1-4	550	65	
2.0	9380	705	80900	1.39	DLKF127R77	DE3-100L1-4	590	65	
2.3	8340	627	81400	1.56	DLKA127R77	DE3-100L1-4	520	65	
2.5	7470	561	81600	1.74	DLKAF127R77	DE3-100L1-4	560	65	
2.9	6560	493	81900	1.98					
3.4	5660	425	82100	2.3					
2.2	8460	636	65000	0.85					
2.7	7130	536	65000	1.12					
3.0	6310	474	65000	1.27	DLK107R77	DE3-100L1-4	325	65	
3.4	5600	421	65000	1.43	DLKF107R77	DE3-100L1-4	340	65	
3.9	4900	368	65000	1.63	DLKA107R77	DE3-100L1-4	305	65	
4.4	4290	322	65000	1.86	DLKAF107R77	DE3-100L1-4	320	65	
4.8	3990	300	65000	1.80					
5.4	3490	262	65000	2.3					
3.6	5300	398	39700	0.81					
3.9	4840	364	40000	0.89	DLK97R57	DE3-100L1-4	200	65	
4.5	4180	314	40000	1.03	DLKF97R57	DE3-100L1-4	235	65	
5.4	3530	265	40000	1.22	DLKA97R57	DE3-100L1-4	200	65	
6.0	3180	239	40000	1.35	DLKAF97R57	DE3-100L1-4	215	65	
6.8	2810	211	40000	1.53					
5.9	3570	120.92	65000	2.2	DLK107	DE3-132S-8	320	101	
6.3	3310	112.22	65000	2.4	DLKF107	DE3-132S-8	335	104	
7.1	2970	100.62	65000	2.7	DLKA107	DE3-132S-8	300	102	
					DLKAF107	DE3-132S-8	315	104	
6.8	3110	140.30	40000	1.38	DLK97	DE3-112M-6	185	96	
7.7	2740	123.64	40000	1.57	DLKF97	DE3-112M-6	220	99	
9.0	2330	105.22	40000	1.85	DLKA97	DE3-112M-6	185	97	
9.8	2150	97.21	40000	2.00	DLKAF97	DE3-112M-6	200	99	
9.3	2260	153.21	40000	1.90	DLK97	DE3-100L1-4	180	96	
10	2070	140.30	40000	2.1	DLKF97	DE3-100L1-4	215	99	
12	1820	123.64	40000	2.4	DLKA97	DE3-100L1-4	180	97	
14	1550	105.22	40000	2.8	DLKAF97	DE3-100L1-4	195	99	
15	1430	97.21	40000	3.0					
9.5	2180	148.15	27900	1.24	DLK87	DE3-100L1-4	120	91	
11	1880	127.67	28200	1.44	DLKF87	DE3-100L1-4	130	94	
12	1720	116.55	28300	1.57	DLKA87	DE3-100L1-4	115	92	
14	1510	102.27	28500	1.79	DLKAF87	DE3-100L1-4	125	94	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page
2.2	17	1270	86.00	28600	2.1	DLK87	DE3-100L1-4	120	91
	18	1170	79.21	28700	2.3	DLKF87	DE3-100L1-4	130	94
	20	1040	70.36	28800	2.6	DLKA87	DE3-100L1-4	115	92
	23	925	62.94	28800	2.9	DLKAF87	DE3-100L1-4	125	94
	12	1660	113.20	14700	0.96	DLK77	DE3-100L1-4	90	86
	15	1430	96.87	16100	1.12	DLKF77	DE3-100L1-4	96	89
	16	1300	88.00	16800	1.23	DLKA77	DE3-100L1-4	88	87
	19	1140	77.11	17600	1.40	DLKAF77	DE3-100L1-4	91	89
	20	1080	73.11	17900	1.48				
	22	935	63.57	18400	1.71				
	24	860	58.75	18800	1.86				
	28	760	51.65	19100	2.1				
	31	675	45.69	19300	2.4	DLK77	DE3-100L1-4	90	86
	35	600	40.62	19500	2.7	DLKF77	DE3-100L1-4	96	89
	42	500	34.27	19700	3.2	DLKA77	DE3-100L1-4	88	87
	44	475	32.12	19800	3.4	DLKAF77	DE3-100L1-4	91	89
	47	450	30.46	19800	3.6				
	54	385	26.48	19900	4.2				
	24	885	60.24	9490	0.95				
	25	840	56.93	10000	1.00	DLK67	DE3-100L1-4	65	81
	28	735	50.09	11100	1.14	DLKF67	DE3-100L1-4	67	84
	32	665	45.18	11500	1.26	DLKA67	DE3-100L1-4	62	82
	36	575	39.29	12100	1.46	DLKAF67	DE3-100L1-4	67	84
	40	525	36.12	12300	1.60				
	46	450	30.70	12600	1.87				
	51	410	27.76	12800	2.0				
	59	350	24.08	13000	2.3				
	63	335	22.76	13000	2.3	DLK67	DE3-100L1-4	65	81
	71	290	20.02	13000	2.7	DLKF67	DE3-100L1-4	67	84
	79	265	18.06	13000	2.9	DLKA67	DE3-100L1-4	62	82
	91	230	15.71	13000	3.3	DLKAF67	DE3-100L1-4	67	84
	104	200	13.73	13000	3.5				
	115	183	12.44	13000	2.7				
	121	173	11.75	13000	2.9				
	138	152	10.34	13000	3.3	DLK67	DE3-100L1-4	65	81
	153	137	9.33	13000	3.5	DLKF67	DE3-100L1-4	67	84
	176	119	8.11	13000	4.0	DLKA67	DE3-100L1-4	62	82
	199	104	7.09	13000	4.6	DLKAF67	DE3-100L1-4	67	84
	31	675	45.79	5100	0.89	DLK57	DE3-100L1-4	62	76
	36	585	39.82	7850	1.03	DLKF57	DE3-100L1-4	66	79
	45	460	31.38	8250	1.30	DLKA57	DE3-100L1-4	61	77
						DLKAF57	DE3-100L1-4	66	79
	50	420	28.38	8160	1.43				
	58	360	24.62	8030	1.67				
	61	340	23.26	7970	1.76	DLK57	DE3-100L1-4	62	76
	70	300	20.47	7760	1.93	DLKF57	DE3-100L1-4	66	79
	77	270	18.46	7630	2.1	DLKA57	DE3-100L1-4	61	77
	89	235	16.05	7430	2.3	DLKAF57	DE3-100L1-4	66	79
	102	205	14.03	7220	2.5				
	119	177	12.00	6900	2.2				
	126	167	11.34	6890	2.4				
	55	385	26.16	5260	1.04	DLK47	DE3-100L1-4	53	71
	58	360	24.67	5260	1.11	DLKF47	DE3-100L1-4	59	74
	65	320	22.05	5260	1.25	DLKA47	DE3-100L1-4	51	72
	72	290	19.81	5240	1.38	DLKAF47	DE3-100L1-4	59	74
	84	250	16.89	5190	1.52				
	90	235	15.89	5160	1.62				
	104	200	13.74	5070	1.90	DLK47	DE3-100L1-4	53	71
	116	182	12.35	4990	2.1	DLKF47	DE3-100L1-4	59	74
	131	160	10.87	4860	1.66	DLKA47	DE3-100L1-4	51	72
	154	136	9.27	4730	1.95	DLKAF47	DE3-100L1-4	59	74
	164	128	8.72	4690	2.1				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
2.2	106	198	13.44	2370	0.88				
	113	186	12.60	2430	0.94				
	137	154	10.43	2430	1.04				
	144	146	9.89	2430	1.10	DLK37	DE3-100L1-4	44	66
	161	130	8.84	2430	1.23	DLKF37	DE3-100L1-4	45	69
	187	112	7.63	2410	1.38	DLKA37	DE3-100L1-4	43	67
	199	105	7.16	2400	1.48	DLKAF37	DE3-100L1-4	45	69
241	87	5.93	2350	1.72					
3.0	0.49	52500	2903	190000	0.95				
	0.55	47290	2615	190000	1.06				
	0.60	42840	2369	190000	1.17				
	0.69	37650	2082	190000	1.33	DLK187R97	DE3-100L2-4	1890	65
	0.77	33750	1866	190000	1.48	DLKH187R97	DE3-100L2-4	1790	65
	0.88	29500	1631	190000	1.69				
	1.0	25550	1413	190000	1.96				
	0.86	30800	1656	150000	1.04				
	0.96	27800	1492	150000	1.15				
	1.1	25100	1351	150000	1.27				
	1.2	21470	1187	150000	1.49	DLK167R97	DE3-100L2-4	1200	65
	1.4	18610	1029	150000	1.72	DLKH167R97	DE3-100L2-4	1140	65
	1.5	16820	930	150000	1.90				
	1.8	14790	818	150000	2.2				
	2.1	12370	684	150000	2.6				
	1.2	21380	1182	109400	0.84				
	1.4	18140	1003	111000	0.99				
	1.6	16440	909	112400	1.09	DLK157R97	DE3-100L2-4	880	65
	1.7	14990	829	113200	1.20	DLKF157R97	DE3-100L2-4	900	65
	2.0	12640	699	114000	1.42	DLKA157R97	DE3-100L2-4	810	65
	2.4	11010	609	115200	1.63	DLKAF157R97	DE3-100L2-4	870	65
	2.6	9800	542	115500	1.84				
	2.8	9400	520	81200	1.38				
	3.4	7540	417	81500	1.72	DLK127R87	DE3-100L2-4	580	65
	3.6	7290	403	81500	1.78	DLKF127R87	DE3-100L2-4	610	65
	3.9	6580	364	81800	1.98	DLKA127R87	DE3-100L2-4	550	65
	4.9	5320	294	82000	2.4	DLKAF127R87	DE3-100L2-4	590	65
	5.5	4740	262	82200	2.7				
	1.8	14580	806	76500	0.89				
	2.0	12750	705	79100	1.02	DLK127R77	DE3-100L2-4	560	65
	2.3	11340	627	80000	1.15	DLKF127R77	DE3-100L2-4	590	65
	2.6	10150	561	80600	1.28	DLKA127R77	DE3-100L2-4	530	65
	2.9	8920	493	81100	1.46	DLKAF127R77	DE3-100L2-4	570	65
	3.4	7690	425	81500	1.69				
	3.0	8570	474	65000	0.93				
	3.4	7610	421	65000	1.05				
	3.9	6660	368	65000	1.20				
	4.4	5820	322	65000	1.37				
	4.8	5420	300	65000	1.33	DLK107R77	DE3-100L2-4	330	65
5.5	4740	262	65000	1.69	DLKF107R77	DE3-100L2-4	340	65	
6.1	4230	234	65000	1.70	DLKA107R77	DE3-100L2-4	310	65	
6.9	3740	207	65000	1.93	DLKAF107R77	DE3-100L2-4	320	65	
7.7	3350	185	65000	2.1					
8.7	2970	164	65000	2.4					
9.6	2700	149	65000	2.7					
5.4	4790	265	40000	0.90	DLK97R57	DE3-100L2-4	205	65	
6.0	4320	239	40000	1.00	DLKF97R57	DE3-100L2-4	240	65	
6.8	3820	211	40000	1.13	DLKA97R57	DE3-100L2-4	200	65	
					DLKAF97R57	DE3-100L2-4	220	65	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page	
3.0	5.9	4590	120.92	65000	1.74	DLK107	DE3-132M-8	330	101	
	6.3	4260	112.22	65000	1.88	DLKF107	DE3-132M-8	350	104	
	7.1	3820	100.62	65000	2.1	DLKA107	DE3-132M-8	315	102	
	7.8	3450	90.87	65000	2.3	DLKAF107	DE3-132M-8	330	104	
	8.0	3370	120.92	65000	2.4	DLK107	DE3-132S-6	320	101	
	8.6	3130	112.22	65000	2.6	DLKF107	DE3-132S-6	335	104	
	9.6	2810	100.62	65000	2.8	DLKA107	DE3-132S-6	300	102	
	11	2540	90.87	65000	3.1	DLKAF107	DE3-132S-6	315	104	
	10	2680	142.42	65000	3.0	DLK107	DE3-100L2-4	290	101	
	12	2280	120.92	65000	3.5	DLKF107	DE3-100L2-4	305	104	
	13	2110	112.22	65000	3.8	DLKA107	DE3-100L2-4	270	102	
							DLKAF107	DE3-100L2-4	290	104
	9.2	3120	105.22	40000	1.38	DLK97	DE3-132S-6	210	96	
	10	2880	97.21	40000	1.49	DLKF97	DE3-132S-6	245	99	
							DLKA97	DE3-132S-6	210	97
							DLKAF97	DE3-132S-6	225	99
	9.3	3070	153.21	40000	1.40					
	10	2810	140.30	40000	1.53					
	12	2470	123.64	40000	1.74					
	14	2110	105.22	40000	2.0	DLK97	DE3-100L2-4	180	96	
	15	1950	97.21	40000	2.2	DLKF97	DE3-100L2-4	220	99	
	16	1740	86.92	40000	2.5	DLKA97	DE3-100L2-4	180	97	
	18	1570	78.29	40000	2.7	DLKAF97	DE3-100L2-4	200	99	
	20	1420	70.93	40000	3.0					
	23	1450	62.33	40000	3.0					
	25	1130	56.37	40000	3.8					
	9.5	2990	148.15	27000	0.90	DLK87	DE3-100L2-4	120	91	
	11	2550	127.67	27400	1.06	DLKF87	DE3-100L2-4	135	94	
	12	2330	116.55	27700	1.16	DLKA87	DE3-100L2-4	115	92	
	14	2050	102.27	28000	1.32	DLKAF87	DE3-100L2-4	130	94	
	17	1720	86.00	28300	1.57					
	18	1580	79.21	28400	1.71					
	20	1410	70.36	28500	1.91	DLK87	DE3-100L2-4	120	91	
	23	1260	62.94	28600	2.1	DLKF87	DE3-100L2-4	135	94	
	25	1130	56.61	28700	2.4	DLKA87	DE3-100L2-4	115	92	
	29	985	49.28	28800	2.7	DLKAF87	DE3-100L2-4	130	94	
	32	880	44.15	28800	3.1					
	39	735	36.86	28400	3.7					
	16	1760	88.00	13100	0.91	DLK77	DE3-100L2-4	92	86	
	19	1540	77.11	15000	1.04	DLKF77	DE3-100L2-4	98	89	
	20	1460	73.11	15600	1.10	DLKA77	DE3-100L2-4	90	87	
	23	1270	63.57	16800	1.26	DLKAF77	DE3-100L2-4	93	89	
	24	1180	58.75	17500	1.36					
	28	1030	51.65	18100	1.55					
31	910	45.69	18600	1.76	DLK77	DE3-100L2-4	92	86		
35	810	40.62	18900	2.0	DLKF77	DE3-100L2-4	98	89		
42	685	34.27	19200	2.3	DLKA77	DE3-100L2-4	90	87		
45	640	32.12	19400	2.5	DLKAF77	DE3-100L2-4	93	89		
32	900	45.18	9450	0.93	DLK67	DE3-100L2-4	68	81		
36	785	39.29	10600	1.07	DLKF67	DE3-100L2-4	70	84		
47	610	30.70	11800	1.38	DLKA67	DE3-100L2-4	65	82		
52	555	27.76	12100	1.51	DLKAF67	DE3-100L2-4	70	84		
56	510	25.52	12400	1.61	DLK67	DE3-100L2-4	68	81		
59	480	24.08	12500	1.67	DLKF67	DE3-100L2-4	70	84		
63	455	22.76	12600	1.71	DLKA67	DE3-100L2-4	65	82		
72	400	20.02	12800	2.0	DLKAF67	DE3-100L2-4	70	84		

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page		
3.0	79	360	18.06	13000	2.2					
	91	310	15.71	13000	2.4					
	104	270	13.73	13000	2.6					
	115	245	12.44	13000	2.0	DLK67	DE3-100L2-4	68	81	
	122	235	11.75	13000	2.1	DLKF67	DE3-100L2-4	70	84	
	138	205	10.34	13000	2.4	DLKA67	DE3-100L2-4	65	82	
	153	187	9.33	13000	2.6	DLKAF67	DE3-100L2-4	70	84	
	177	162	8.11	13000	3.0					
	202	142	7.09	13000	3.2					
	46	625	31.38	31.38	7180	0.96	DLK57	DE3-100L2-4	65	76
	50	565	28.38	28.38	7190	1.06	DLKF57	DE3-100L2-4	69	79
	58	490	24.62	24.62	7180	1.22	DLKA57	DE3-100L2-4	64	77
	62	465	23.26	23.26	7160	1.29	DLKAF57	DE3-100L2-4	69	79
	70	405	20.47	20.47	7080	1.43				
	78	365	18.46	18.46	7020	1.53				
	89	320	16.05	16.05	6890	1.67				
	102	280	14.03	14.03	6750	1.82	DLK57	DE3-100L2-4	65	76
	119	240	12.00	12.00	6530	1.65	DLKF57	DE3-100L2-4	69	79
	126	225	11.34	11.34	6420	1.76	DLKA57	DE3-100L2-4	64	77
	143	200	9.98	9.98	6250	2.0	DLKAF57	DE3-100L2-4	69	79
	159	180	9.00	9.00	6200	2.2				
	183	157	7.83	7.83	5970	2.3				
	209	137	6.84	6.84	5750	2.5				
	72	395	19.81	19.81	4430	1.01	DLK47	DE3-100L2-4	46	71
	85	335	16.89	16.89	4490	1.13	DLKF47	DE3-100L2-4	49	74
	90	315	15.89	15.89	4500	1.21	DLKA47	DE3-100L2-4	45	72
	104	270	13.74	13.74	4510	1.41	DLKAF47	DE3-100L2-4	48	74
	116	245	12.35	12.35	4490	1.55				
	132	215	10.87	10.87	4320	1.23	DLK47	DE3-100L2-4	56	71
	154	185	9.27	9.27	4290	1.43	DLKF47	DE3-100L2-4	62	74
	164	174	8.72	8.72	4190	1.52	DLKA47	DE3-100L2-4	53	72
	190	151	7.54	7.54	4120	1.66	DLKAF47	DE3-100L2-4	62	74
	211	136	6.78	6.78	4030	1.80				
	162	177	8.84	8.84	2430	0.90	DLK37	DE3-100L2-4	46	66
	187	153	7.64	7.64	2410	1.01	DLKF37	DE3-100L2-4	48	69
	200	143	7.16	7.16	2400	1.08	DLKA37	DE3-100L2-4	46	67
241	119	5.93	5.93	2350	1.26	DLKAF37	DE3-100L2-4	48	69	
4.0	1.5	22590	944	190000	2.2	DLK187R107	DE3-112M-4	1970	65	
	2.5	13660	571	190000	3.7	DLKH187R107	DE3-112M-4	1870	65	
	0.55	62570	2615	168800	0.80					
	0.61	56690	2369	180200	0.88					
	0.69	49820	2082	189400	1.00					
	0.77	44650	1866	190000	1.12	DLK187R97	DE3-112M-4	1900	65	
	0.88	39030	1631	190000	1.28	DLKH187R97	DE3-112M-4	1800	65	
	1.0	33810	1413	190000	1.48					
	1.2	28690	1199	190000	1.74					
	1.3	25960	1085	190000	1.93					
	0.97	37000	1492	150000	0.86					
	1.1	33500	1351	150000	0.96					
	1.2	28400	1187	150000	1.13					
	1.4	24620	1029	150000	1.30	DLK167R97	DE3-112M-4	1210	65	
	1.6	22250	930	150000	1.44	DLKH167R97	DE3-112M-4	1150	65	
	1.8	19570	818	150000	1.64					
	2.1	16370	684	150000	1.95					
	1.6	21750	909	110600	0.83	DLK157R97	DE3-112M-4	880	65	
	1.7	19840	829	112000	0.91	DLKF157R97	DE3-112M-4	910	65	
	2.4	14570	609	114000	1.24	DLKA157R97	DE3-112M-4	820	65	
	2.7	12970	542	114600	1.39	DLKAF157R97	DE3-112M-4	870	65	
	3.0	11410	477	115100	1.58					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
4.0	2.8	12440	520	79900	1.05				
	3.5	9980	417	80600	1.30	DLK127R87	DE3-112M-4	65	
	3.6	9640	403	81100	1.35	DLKF127R87	DE3-112M-4	65	
	4.0	8710	364	81400	1.49	DLKA127R87	DE3-112M-4	65	
	4.9	7040	294	81800	1.85	DLKAF127R87	DE3-112M-4	65	
	5.5	6270	262	82000	2.1				
	2.3	15000	627	75800	0.87	DLK127R77	DE3-112M-4	65	
	2.6	13420	561	78800	0.97	DLKF127R77	DE3-112M-4	65	
	2.9	11800	493	79800	1.10	DLKA127R77	DE3-112M-4	65	
	3.4	10170	425	80500	1.28	DLKAF127R77	DE3-112M-4	65	
	3.9	8810	368	65000	0.91				
	4.5	7710	322	65000	1.04				
	4.8	7180	300	65000	1.11				
	5.5	6270	262	65000	1.28	DLK107R77	DE3-112M-4	335	65
	6.2	5600	234	65000	1.43	DLKF107R77	DE3-112M-4	350	65
	7.0	4950	207	65000	1.62	DLKA107R77	DE3-112M-4	320	65
	7.8	4430	185	65000	1.81	DLKAF107R77	DE3-112M-4	335	65
	8.8	3920	164	65000	2.0				
	9.7	3570	149	65000	2.2				
	5.4	7050	133.21	81800	1.84	DLK127	DE3-160M1-8	570	106
	6.0	6340	119.88	81900	2.1	DLKF127	DE3-160M1-8	610	109
	6.6	5750	108.68	82100	2.3	DLKA127	DE3-160M1-8	540	107
	8.1	4710	89.04	82100	2.8	DLKAF127	DE3-160M1-8	580	109
	6.7	5670	143.50	82200	2.3	DLK127	DE3-132M1-6	570	106
	7.3	5270	133.21	82200	2.5	DLKF127	DE3-132M1-6	600	109
	8.1	4740	119.86	82300	2.7	DLKA127	DE3-132M1-6	540	107
	8.9	4300	108.68	82400	3.0	DLKAF127	DE3-132M1-6	580	109
	11	3520	89.01	82400	3.7				
	6.4	5940	112.22	65000	1.35	DLK107	DE3-160M1-8	340	101
	7.2	5320	100.62	65000	1.50	DLKF107	DE3-160M1-8	355	104
	7.9	4810	90.87	65000	1.66	DLKA107	DE3-160M1-8	320	102
	8.7	4370	82.56	65000	1.83	DLKAF107	DE3-160M1-8	335	104
	8.0	4780	120.92	65000	1.67	DLK107	DE3-132M1-6	330	101
	8.6	4440	112.22	65000	1.80	DLKF107	DE3-132M1-6	345	104
	9.6	3980	100.62	65000	2.0	DLKA107	DE3-132M1-6	315	102
	11	3590	90.87	65000	2.2	DLKAF107	DE3-132M1-6	330	104
	10	3770	142.42	65000	2.1				
	12	3200	120.92	65000	2.5	DLK107	DE3-112M-4	295	101
	13	2970	112.22	65000	2.7	DLKF107	DE3-112M-4	310	104
	14	2660	100.62	65000	3.0	DLKA107	DE3-112M-4	280	102
	16	2410	90.87	65000	3.3	DLKAF107	DE3-112M-4	295	104
	17	2190	82.56	65000	3.7				
	20	1950	73.49	65000	4.1				
	9.4	4000	153.21	40000	1.08	DLK97	DE3-112M-4	190	96
	10	3710	140.30	40000	1.16	DLKF97	DE3-112M-4	225	99
	12	3270	123.64	40000	1.31	DLKA97	DE3-112M-4	190	97
	14	2790	105.22	40000	1.54	DLKAF97	DE3-112M-4	205	99
15	2570	97.21	40000	1.67					
17	2300	86.92	40000	1.87	DLK97	DE3-112M-4	190	96	
18	2070	78.29	40000	2.1	DLKF97	DE3-112M-4	225	99	
20	1880	70.93	40000	2.3	DLKA97	DE3-112M-4	190	97	
23	1650	62.33	40000	2.6	DLKAF97	DE3-112M-4	205	99	
12	3090	116.55	26700	0.87	DLK87	DE3-112M-4	130	91	
14	2710	102.27	27200	1.00	DLKF87	DE3-112M-4	140	94	
17	2280	86.00	27700	1.18	DLKA87	DE3-112M-4	125	92	
18	2100	79.21	27900	1.29	DLKAF87	DE3-112M-4	140	94	
21	1860	70.36	28200	1.45					
23	1670	62.94	28300	1.62	DLK87	DE3-112M-4	130	91	
25	1500	56.61	28500	1.80	DLKF87	DE3-112M-4	140	94	
29	1300	49.28	28600	2.1	DLKA87	DE3-112M-4	125	92	
33	1170	44.15	28300	2.3	DLKAF87	DE3-112M-4	140	94	
39	975	36.86	27300	2.8					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page
4.0	23	1680	63.57	13900	0.95	DLK77	DE3-112M-4	100	86
	25	1560	58.75	15200	1.03	DLKF77	DE3-112M-4	105	89
	28	1370	51.65	16500	1.17	DLKA77	DE3-112M-4	99	87
	32	1210	45.69	17400	1.32	DLKAF77	DE3-112M-4	100	89
	36	1080	40.62	18000	1.48				
	42	905	34.27	18200	1.77	DLK77	DE3-112M-4	100	86
	45	850	32.12	18900	1.88	DLKF77	DE3-112M-4	105	89
	47	805	30.46	19000	2.0	DLKA77	DE3-112M-4	99	87
	54	700	26.48	19300	2.3	DLKAF77	DE3-112M-4	100	89
	59	645	24.47	19500	2.5				
	67	565	21.52	19600	2.7				
	47	800	30.70	10600	1.05	DLK67	DE3-112M-4	76	81
	52	730	27.76	11000	1.15	DLKF67	DE3-112M-4	79	84
	60	635	24.08	11600	1.26	DLKA67	DE3-112M-4	74	82
	63	600	22.76	11800	1.30	DLKAF67	DE3-112M-4	79	84
	72	525	20.02	12300	1.49				
	80	475	18.06	12500	1.64	DLK67	DE3-112M-4	76	81
	92	415	15.71	12800	1.81	DLKF67	DE3-112M-4	79	84
	105	360	13.73	13000	1.94	DLKA67	DE3-112M-4	74	82
	116	325	12.44	13000	1.54	DLKAF67	DE3-112M-4	79	84
123	310	11.75	13000	1.61					
140	270	10.34	13000	1.85					
155	245	9.33	12900	2.0					
178	210	8.11	12500	2.3					
204	188	7.09	12100	2.4					
59	650	24.62	6120	0.92					
62	615	23.26	6160	0.98					
70	540	20.47	6220	1.07					
78	485	18.46	6230	1.15					
90	420	16.05	6210	1.27	DLK57	DE3-112M-4	74	76	
103	370	14.03	6150	1.38	DLKF57	DE3-112M-4	78	79	
120	315	12.00	5920	1.25	DLKA57	DE3-112M-4	73	77	
127	300	11.34	5810	1.32	DLKAF57	DE3-112M-4	78	79	
145	260	9.98	5750	1.52					
160	235	9.00	5700	1.66					
184	205	7.83	5580	1.78					
211	181	6.84	5400	1.91					
5.5	0.78	61100	1866	183200	0.82				
	0.89	53410	1631	190000	0.94				
	1.0	46270	1413	190000	1.08				
	1.2	39260	1199	190000	1.27	DLK187R97	DE3-132S-4	1920	65
	1.3	35530	1085	190000	1.41	DLKH187R97	DE3-132S-4	1820	65
	1.7	27960	854	190000	1.79				
	2.0	24100	736	190000	2.1				
	2.3	22800	637	190000	2.2				
	1.2	38870	1187	150000	0.82				
	1.4	33690	1029	150000	0.95				
	1.6	30450	930	150000	1.05				
	1.8	26780	818	150000	1.19	DLK167R97	DE3-132S-4	1230	65
	2.1	22400	684	150000	1.43	DLKH167R97	DE3-132S-4	1170	65
	2.4	19550	597	150000	1.64				
	2.8	17060	521	150000	1.88				
	3.2	14800	452	150000	2.2				
	2.4	19940	609	111700	0.90				
	2.7	17750	542	112700	1.01	DLK157R97	DE3-132S-4	900	65
	3.0	15620	477	113800	1.15	DLKF157R97	DE3-132S-4	930	65
	3.6	13200	403	114500	1.36	DLKA157R97	DE3-132S-4	840	65
4.0	11790	360	115000	1.53	DLKAF157R97	DE3-132S-4	890	65	
4.8	9950	304	115000	1.81					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page
5.5	3.5	13650	417	77800	0.95			
	3.6	13200	403	79500	0.98			
	4.0	11920	364	80200	1.09			
	4.9	9630	294	80800	1.35	DLK127R87 DE3-132S-4	610	65
	5.5	8580	262	81300	1.52	DLKF127R87 DE3-132S-4	640	65
	6.6	7200	220	81700	1.81	DLKA127R87 DE3-132S-4	580	65
	6.8	6990	212	81900	1.86	DLKAF127R87 DE3-132S-4	620	65
	7.9	6000	183	82200	2.2			
	9.2	5170	158	82300	2.5			
	6.2	7660	234	65000	0.94			
	7.0	6780	207	65000	1.06	DLK107R77 DE3-132S-4	350	65
	7.8	6060	185	65000	1.19	DLKF107R77 DE3-132S-4	370	65
	8.8	5370	164	65000	1.34	DLKA107R77 DE3-132S-4	335	65
	9.7	4880	149	65000	1.48	DLKAF107R77 DE3-132S-4	350	65
	4.7	11200	153.09	115500	1.61	DLK157 DE3-160M2-8	850	111
	5.7	9170	125.38	116000	2.0	DLKF157 DE3-160M2-8	880	114
						DLKA157 DE3-160M2-8	780	112
						DLKAF157 DE3-160M2-8	840	114
	5.4	9740	133.21	81000	1.33	DLK127 DE3-160M2-8	590	106
	6.0	8770	119.88	81100	1.48	DLKF127 DE3-160M2-8	620	109
	6.6	7950	108.68	81400	1.64	DLKA127 DE3-160M2-8	560	107
	8.1	6510	89.01	81900	2.0	DLKAF127 DE3-160M2-8	600	109
	7.2	7240	133.21	81600	1.80	DLK127 DE3-132M2-6	570	106
	8.0	6520	119.88	81900	2.0	DLKF127 DE3-132M2-6	600	109
	8.9	5910	108.68	82100	2.2	DLKA127 DE3-132M2-6	540	107
	11	4840	89.01	82300	2.7	DLKAF127 DE3-132M2-6	580	109
	8.6	6100	112.22	65000	1.31	DLK107 DE3-132M2-6	330	101
	9.6	5470	100.62	65000	1.46	DLKF107 DE3-132M2-6	350	104
	11	4940	90.87	65000	1.62	DLKA107 DE3-132M2-6	310	102
	12	4490	82.56	65000	1.78	DLKAF107 DE3-132M2-6	330	104
	12	4380	120.92	65000	1.83			
	13	4070	112.22	65000	2.0	DLK107 DE3-132S-4	320	101
	14	3640	100.62	65000	2.2	DLKF107 DE3-132S-4	335	104
	16	3290	90.87	65000	2.4	DLKA107 DE3-132S-4	300	102
	18	2990	82.56	65000	2.7	DLKAF107 DE3-132S-4	315	104
	14	3810	105.22	40000	1.13	DLK97 DE3-132S-4	210	96
	15	3520	97.21	40000	1.22	DLKF97 DE3-132S-4	245	99
	17	3150	86.92	40000	1.37	DLKA97 DE3-132S-4	210	97
						DLKAF97 DE3-132S-4	225	99
	19	2840	78.29	40000	1.51			
	20	2570	70.93	40000	1.67	DLK97 DE3-132S-4	210	96
	23	2260	62.33	39700	1.90	DLKF97 DE3-132S-4	245	99
	26	2040	56.37	39000	2.1	DLKA97 DE3-132S-4	210	97
	30	1770	48.82	38200	2.4	DLKAF97 DE3-132S-4	225	99
	17	3120	86.00	26600	0.87			
	18	2870	79.21	27000	0.94	DLK87 DE3-132S-4	150	91
	21	2550	70.36	27400	1.06	DLKF87 DE3-132S-4	160	94
	23	2280	62.94	27500	1.18	DLKA87 DE3-132S-4	145	92
	26	2050	56.61	27300	1.32	DLKAF87 DE3-132S-4	155	94
	29	1790	49.28	26900	1.51			
33	1600	44.15	26500	1.69	DLK87 DE3-132S-4	150	91	
39	1340	36.86	25800	2.0	DLKF87 DE3-132S-4	160	94	
45	1160	31.99	25200	2.2	DLKA87 DE3-132S-4	145	92	
51	1030	28.42	24700	2.5	DLKAF87 DE3-132S-4	155	94	
32	1660	45.69	14600	0.96				
36	1470	40.62	15900	1.09	DLK77 DE3-132S-4	120	86	
42	1240	34.27	17800	1.29	DLKF77 DE3-132S-4	125	89	
					DLKA77 DE3-132S-4	115	87	
55	955	26.48	18500	1.68	DLKAF77 DE3-132S-4	120	89	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
5.5	59	885	24.47	18800	1.81				
	67	775	21.52	19100	2.0				
	76	685	19.04	19400	2.3	DLK77	DE3-132S-4	120	86
	86	610	16.92	19200	2.5	DLKF77	DE3-132S-4	125	89
	102	515	14.28	18600	2.9	DLKA77	DE3-132S-4	115	87
	118	445	12.34	17900	2.0	DLKAF77	DE3-132S-4	120	89
	134	390	10.85	17400	2.3				
	72	725	20.02	11200	1.08	DLK67	DE3-132S-4	95	81
	80	650	18.06	11600	1.20	DLKF67	DE3-132S-4	98	84
	92	565	15.71	12100	1.33	DLKA67	DE3-132S-4	93	82
	106	495	13.73	12500	1.41	DLKAF67	DE3-132S-4	98	84
	140	370	10.34	12400	1.35	DLK67	DE3-132S-4	95	81
	155	335	9.33	12200	1.43	DLKF67	DE3-132S-4	98	84
	179	290	8.11	11900	1.66	DLKA67	DE3-132S-4	93	82
	205	255	7.09	11600	1.80	DLKAF67	DE3-132S-4	98	84
7.5	1.5	42060	944	190000	1.19				
	1.8	36850	827	190000	1.36	DLK187R107	DE3-132M-4	2000	65
	2.1	30700	689	190000	1.63	DLKH187R107	DE3-132M-4	1900	65
	2.5	25850	571	190000	1.93				
	1.2	53430	1199	181400	0.94				
	1.3	48350	1085	190000	1.03	DLK187R97	DE3-132M-4	1930	65
	1.7	38050	854	190000	1.31	DLKH187R97	DE3-132M-4	1830	65
	2.0	32790	736	190000	1.52				
	2.3	28380	637	190000	1.76				
	1.6	41440	930	150000	0.77				
	1.8	36450	818	150000	0.88				
	2.1	30480	684	150000	1.05	DLK167R97	DE3-132M-4	1240	65
	2.4	26600	597	150000	1.20	DLKH167R97	DE3-132M-4	1180	65
	2.8	23210	521	150000	1.38				
	3.2	20140	452	150000	1.59				
	3.6	18180	408	150000	1.76				
	3.0	21250	477	111200	0.85	DLK157R97	DE3-132M-4	910	65
	3.6	17960	403	112500	1.00	DLKF157R97	DE3-132M-4	940	65
	4.0	16040	360	113500	1.12	DLKA157R97	DE3-132M-4	840	65
	4.8	13550	304	114200	1.33	DLKAF157R97	DE3-132M-4	900	65
	4.0	16220	364	75500	0.80				
	4.9	13100	294	79100	0.99	DLK127R87	DE3-132M-4	620	65
	5.5	11670	262	79900	1.11	DLKF127R87	DE3-132M-4	650	65
	6.6	9800	220	80800	1.33	DLKA127R87	DE3-132M-4	590	65
	6.9	9600	212	81000	1.35	DLKAF127R87	DE3-132M-4	630	65
	7.9	8285	183	81600	1.57				
	9.2	7040	158	81900	1.85				
	4.3	16800	168.22	150000	1.90	DLK167	DE3-160L-8	1200	116
	5.2	13790	138.07	150000	2.4	DLKH167	DE3-160L-8	1140	117
	5.8	12400	168.22	150000	2.6	DLK167	DE3-160M-6	1180	116
	7.0	10170	138.07	150000	3.2	DLKH167	DE3-160M-6	1120	117
	6.3	11280	153.09	115500	1.60	DLK157	DE3-160M-6	850	111
	7.8	9240	125.38	116000	1.95	DLKF157	DE3-160M-6	880	114
	10	7520	102.01	116200	2.4	DLKA157	DE3-160M-6	780	112
						DLKAF157	DE3-160M-6	840	114
	7.3	9820	133.20	80800	1.32	DLK127	DE3-160M-6	590	106
	8.1	8830	119.88	81000	1.47	DLKF127	DE3-160M-6	620	109
	8.9	8010	108.68	81400	1.62	DLKA127	DE3-160M-6	560	107
	11	6560	89.01	81900	2.0	DLKAF127	DE3-160M-6	600	109
	10	7070	143.50	81700	1.84				
	11	6570	133.21	81800	2.0	DLK127	DE3-132M-4	560	106
	12	5910	119.88	82000	2.2	DLKF127	DE3-132M-4	600	109
	13	5360	108.68	82200	2.4	DLKA127	DE3-132M-4	540	107
	16	4390	89.01	82400	3.0	DLKAF127	DE3-132M-4	570	109
	18	4000	81.22	82500	3.3				
21	3450	70.04	82600	3.8					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
7.5	12	5960	120.92	65000	1.34				
	13	5530	112.22	65000	1.45				
	14	4960	100.62	65000	1.61	DLK107	DE3-132M-4	330	101
	16	4480	90.87	65000	1.79	DLKF107	DE3-132M-4	350	104
	18	4027	82.56	65000	1.99	DLKA107	DE3-132M-4	310	102
	20	3584	73.49	65000	2.2	DLKAF107	DE3-132M-4	330	104
	22	3255	66.73	65000	2.5				
	26	2775	56.90	65000	2.9				
	15	4790	97.21	38300	0.90	DLK97	DE3-132M-4	220	96
	17	4280	86.92	38300	1.00	DLKF97	DE3-132M-4	255	99
	19	3860	78.29	38100	1.11	DLKA97	DE3-132M-4	215	97
	20	3500	70.93	37900	1.23	DLKAF97	DE3-132M-4	235	99
	23	3070	62.33	37500	1.40				
	26	2780	56.37	37100	1.55	DLK97	DE3-132M-4	220	96
	30	2410	48.82	36400	1.78	DLKF97	DE3-132M-4	255	99
	35	2030	41.17	35600	2.1	DLKA97	DE3-132M-4	215	97
	38	1900	38.54	35100	2.3	DLKAF97	DE3-132M-4	235	99
	42	1700	34.47	34400	2.5				
	23	3100	62.94	24100	0.87	DLK87	DE3-132M-4	160	91
	26	2790	56.61	24200	0.97	DLKF87	DE3-132M-4	175	94
	29	2430	49.28	24200	1.11	DLKA87	DE3-132M-4	160	92
	33	2180	44.15	24200	1.24	DLKAF87	DE3-132M-4	170	94
	39	1820	36.86	23900	1.48				
	45	1580	31.99	23500	1.65				
	51	1400	28.42	23200	1.86	DLK87	DE3-132M-4	160	91
	57	1250	25.42	22800	1.92	DLKF87	DE3-132M-4	175	94
	64	1130	22.87	22500	1.95	DLKA87	DE3-132M-4	160	92
	73	980	19.90	21900	2.1	DLKAF87	DE3-132M-4	170	94
	81	875	17.83	21500	2.4				
	98	730	14.89	21000	2.9				
	55	1310	26.48	17000	1.22	DLK77	DE3-132M-4	135	86
	59	1210	24.47	17500	1.32	DLKF77	DE3-132M-4	140	89
	68	1060	21.52	18000	1.46	DLKA77	DE3-132M-4	130	87
						DLKAF77	DE3-132M-4	135	89
	76	935	19.04	18200	1.66				
	86	830	16.92	18400	1.81				
102	700	14.28	17000	2.1	DLK77	DE3-132M-4	135	86	
118	605	12.34	16900	1.49	DLKF77	DE3-132M-4	140	89	
134	530	10.85	16500	1.70	DLKA77	DE3-132M-4	130	87	
151	470	9.60	16300	1.91	DLKAF77	DE3-132M-4	135	89	
170	420	8.53	15900	2.1					
202	350	7.20	15400	2.4					
9.2	1.5	51600	944	190000	0.97				
	1.8	45200	827	190000	1.11				
	2.1	37660	689	190000	1.33	DLK187R107	DE3-132L-4	2010	65
	2.5	31210	571	190000	1.60	DLKH187R107	DE3-132L-4	1910	65
	2.9	27330	501	190000	1.83				
	1.3	59300	1085	184900	0.84				
	1.7	46680	854	190000	1.07	DLK187R97	DE3-132L-4	1940	65
	2.0	40230	736	190000	1.24	DLKH187R97	DE3-132L-4	1840	65
	2.3	34820	637	190000	1.44				
	3.9	20350	372	150000	1.57				
	4.7	16890	309	150000	1.89	DLK167R107	DE3-132L-4	1320	65
	5.5	14430	264	150000	2.2	DLKH167R107	DE3-132L-4	1260	65
	6.3	12630	231	150000	2.5				
	6.5	12240	224	150000	2.6				
	2.1	37390	684	150000	0.86				
	2.4	32630	597	150000	0.98	DLK167R97	DE3-132L-4	1250	65
	2.8	28480	521	150000	1.12	DLKH167R97	DE3-132L-4	1190	65
	3.2	24710	452	150000	1.30				
	3.6	22300	408	150000	1.43				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page
9.2	3.7	21590	395	110300	0.83	DLK157R107 DE3-132L-4	990	65
	4.5	17820	326	112100	1.01	DLKF157R107 DE3-132L-4	1020	65
	4.6	17380	318	112800	1.04	DLKA157R107 DE3-132L-4	920	65
	5.4	14810	271	113900	1.22	DLKAF157R107 DE3-132L-4	980	65
	6.1	12950	237	114400	1.39			
	3.6	22030	403	110400	0.82	DLK157R97 DE3-132L-4	920	65
	4.0	19680	360	111900	0.91	DLKF157R97 DE3-132L-4	950	65
	4.8	16620	304	113000	1.08	DLKA157R97 DE3-132L-4	860	65
						DLKAF157R97 DE3-132L-4	910	65
	5.5	14320	262	77500	0.91	DLK127R87 DE3-132L-4	630	65
6.6	12020	220	79800	1.08	DLKF127R87 DE3-132L-4	660	65	
6.9	11770	212	80100	1.10	DLKA127R87 DE3-132L-4	600	65	
7.9	10160	183	81000	1.28	DLKAF127R87 DE3-132L-4	640	65	
9.2	8640	158	81400	1.50				
11	8050	133.21	81500	1.61	DLK127 DE3-132L-4	570	106	
12	7250	119.88	81600	1.79	DLKF127 DE3-132L-4	610	109	
13	6570	108.68	81900	2.0	DLKA127 DE3-132L-4	540	107	
16	5380	89.01	82200	2.4	DLKAF127 DE3-132L-4	580	109	
18	4910	81.22	82300	2.6				
13	6790	112.22	62000	1.18	DLK107 DE3-132L-4	340	101	
14	6080	100.62	61800	1.32	DLKF107 DE3-132L-4	355	104	
16	5490	90.87	61100	1.46	DLKA107 DE3-132L-4	320	102	
					DLKAF107 DE3-132L-4	335	104	
18	4990	82.56	60400	1.60	DLK107 DE3-132L-4	340	101	
20	4440	73.49	59400	1.80	DLKF107 DE3-132L-4	355	104	
22	4040	66.73	58600	2.0	DLKA107 DE3-132L-4	320	102	
26	3440	56.90	57100	2.3	DLKAF107 DE3-132L-4	335	104	
29	3010	49.85	55700	2.7				
34	2570	42.46	54000	3.1				
19	4730	78.29	35100	0.91	DLK97 DE3-132L-4	230	96	
20	4290	70.93	35100	1.00	DLKF97 DE3-132L-4	265	99	
23	3770	62.33	35100	1.14	DLKA97 DE3-132L-4	230	97	
26	3410	56.37	34900	1.26	DLKAF97 DE3-132L-4	245	99	
30	2950	48.82	34400	1.46				
35	2490	41.17	34000	1.73				
38	2330	38.54	33300	1.93	DLK97 DE3-132L-4	230	96	
42	2080	34.47	33100	2.1	DLKF97 DE3-132L-4	265	99	
47	1880	31.04	32500	2.3	DLKA97 DE3-132L-4	230	97	
52	1700	28.12	32000	2.5	DLKAF97 DE3-132L-4	245	99	
59	1490	24.71	31500	3.0				
29	2980	49.28	22000	0.91	DLK87 DE3-132L-4	170	91	
33	2670	44.15	22200	1.01	DLKF87 DE3-132L-4	185	94	
39	2230	36.86	22200	1.21	DLKA87 DE3-132L-4	170	92	
45	1930	31.99	22200	1.40	DLKAF87 DE3-132L-4	180	94	
51	1720	28.42	21900	1.51				
57	1540	25.42	21700	1.56				
64	1380	22.87	21400	1.59				
73	1200	19.90	21000	1.75				
81	1080	17.83	20700	1.94	DLK87 DE3-132L-4	170	91	
98	900	14.89	20000	2.3	DLKF87 DE3-132L-4	185	94	
115	760	12.63	19600	2.6	DLKA87 DE3-132L-4	170	92	
127	690	11.47	19500	2.2	DLKAF87 DE3-132L-4	180	94	
141	620	10.27	19500	2.4				
169	515	8.58	19500	2.7				
200	440	7.28	18600	3.0				
68	1300	21.52	16800	1.19	DLK77 DE3-132L-4	140	86	
76	1150	19.04	17500	1.35	DLKF77 DE3-132L-4	145	89	
86	1020	16.92	17500	1.47	DLKA77 DE3-132L-4	140	87	
					DLKAF77 DE3-132L-4	145	89	
102	860	14.28	17200	1.74	DLK77 DE3-132L-4	140	86	
118	745	12.34	16100	1.21	DLKF77 DE3-132L-4	145	89	
134	655	10.85	16000	1.37	DLKA77 DE3-132L-4	140	87	
					DLKAF77 DE3-132L-4	145	89	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page					
9.2	151	580	9.60	15700	1.55	DLK77 DE3-132L-4	140	86					
	170	515	8.53	15400	1.75	DLKF77 DE3-132L-4	145	89					
	202	435	7.20	14900	1.91	DLKA77 DE3-132L-4	140	87					
						DLKAF77 DE3-132L-4	145	89					
11	1.5	61270	944	179700	0.82	DLK187R107 DE3-160M-4 DLKH187R107 DE3-160M-4	2030 1930	65 65					
	1.8	53680	827	190000	0.93								
	2.1	44720	689	190000	1.12								
	2.6	37060	571	190000	1.35								
	2.9	32450	501	190000	1.54								
	3.5	27460	423	190000	1.82								
	1.7	41340	637	190000	1.21	DLK187R97 DE3-160M-4 DLKH187R97 DE3-160M-4	1960 1860	65 65					
									2.0	47770	736	190000	1.05
									2.3	41340	637	190000	1.21
	3.9	12400	191	150000	2.6	DLK167R107 DE3-160M-4 DLKH167R107 DE3-160M-4	1340 1280	65 65					
									4.7	19470	309	150000	1.64
									5.5	17140	264	150000	1.87
									6.3	14990	231	150000	2.1
									7.7	12400	191	150000	2.6
	2.5	26480	408	150000	1.21	DLK167R97 DE3-160M-4 DLKH167R97 DE3-160M-4	1270 1210	65 65					
									2.8	33820	521	150000	0.95
									3.2	29340	452	150000	1.09
									3.6	26480	408	150000	1.21
	4.8	19730	304	111400	0.91	DLK157R97 DE3-160M-4 DLKF157R97 DE3-160M-4 DLKA157R97 DE3-160M-4 DLKAF157R97 DE3-160M-4	940 970 870 930	65 65 65 65					
									6.7	14280	220	77400	0.91
									6.9	13770	212	78900	0.94
									8.0	11880	183	80100	1.09
	9.3	10260	158	80700	1.27	DLKAF127R87 DE3-160M-4	660	65 65					
									5.3	19810	138.07	150000	1.62
	6.5	16160	112.58	150000	2.0	DLK167 DE3-180L-8 DLKH167 DE3-180L-8	1240 1180	116 117					
									5.8	18180	168.22	150000	1.76
	7.0	14920	138.07	150000	2.2	DLK167 DE3-160L-6 DLKH167 DE3-160L-6	1200 1140	116 117					
									8.7	12080	168.22	150000	2.6
	11	9910	138.07	150000	3.3	DLK167 DE3-160M-4 DLKH167 DE3-160M-4	1180 1120	116 117					
									5.8	17990	125.38	112300	1.00
	7.2	11650	81.18	114800	1.55	DLK157 DE3-180L-8 DLKF157 DE3-180L-8 DLKA157 DE3-180L-8 DLKAF157 DE3-180L-8	930 950 860 920	111 114 112 114					
									7.2	14640	102.01	113700	1.23
									7.8	13390	93.29	114200	1.34
									9.0	11650	81.18	114800	1.55
	6.3	11020	102.01	115600	1.63	DLK157 DE3-160L-6 DLKF157 DE3-160L-6 DLKA157 DE3-160L-6 DLKAF157 DE3-160L-6	870 900 810 860	111 114 112 114					
									7.8	13550	125.38	115300	1.33
									10	11020	102.01	115600	1.63
	9.6	9000	125.38	116000	2.0	DLK157 DE3-160M-4 DLKF157 DE3-160M-4 DLKA157 DE3-160M-4 DLKAF157 DE3-160M-4	860 890 790 850	111 114 112 114					
									11	9570	133.21	81000	1.36
									12	8610	119.88	81100	1.51
									13	7800	108.68	81400	1.67
	16	5030	70.04	82200	2.6	DLK127 DE3-160M-4 DLKF127 DE3-160M-4 DLKA127 DE3-160M-4 DLKAF127 DE3-160M-4	590 630 560 600	106 109 107 109					
16									6390	89.01	81900	2.0	
18									5830	81.22	82100	2.2	
21									5030	70.04	82200	2.6	
13	6520	90.87	58000	1.23	DLK107 DE3-160M-4 DLKF107 DE3-160M-4 DLKA107 DE3-160M-4 DLKAF107 DE3-160M-4	340 350 310 335	101 104 102 104						
								15	7220	100.62	58300	1.11	
								16	6520	90.87	58000	1.23	

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page
11	18	5930	82.56	57500	1.35	DLK107 DE3-160M-4 DLKF107 DE3-160M-4 DLKA107 DE3-160M-4 DLKAF107 DE3-160M-4	360	101
	20	5280	73.49	56900	1.52			
	22	4790	66.73	56200	1.67			
	26	4090	56.90	55100	2.0			
	29	3580	49.85	54000	2.2			
	34	3050	42.46	52500	2.6			
	39	2670	37.15	51700	3.0	DLK97 DE3-160M-4 DLKF97 DE3-160M-4 DLKA97 DE3-160M-4 DLKAF97 DE3-160M-4	250	96
	21	5090	70.93	32200	0.84			
	23	4480	62.33	32500	0.96			
	26	4050	56.37	32500	1.06			
	30	3510	48.82	32500	1.23			
	36	2960	41.17	32200	1.45			
	38	2770	38.54	31700	1.62			
	42	2480	34.47	31600	1.73			
	47	2230	31.04	31300	1.93			
	52	2020	28.12	30800	2.1			
	59	1770	24.71	30300	2.4			
	65	1600	22.35	29800	2.7	DLK87 DE3-160M-4 DLKF87 DE3-160M-4 DLKA87 DE3-160M-4 DLKAF87 DE3-160M-4	190	91
	33	3170	44.15	20000	0.85			
	40	2650	36.86	20400	1.02			
	46	2300	31.99	20600	1.13			
	51	2040	28.42	20600	1.27			
	58	1830	25.42	20500	1.31			
	64	1640	22.87	20300	1.34			
	74	1430	19.90	20100	1.47			
	82	1280	17.83	19800	1.64			
	98	1070	14.89	19400	2.0			
	116	905	12.63	19000	2.2			
	128	820	11.47	18900	1.83	DLK77 DE3-160M-4 DLKF77 DE3-160M-4 DLKA77 DE3-160M-4 DLKAF77 DE3-160M-4	160	86
	142	735	10.27	18900	2.0			
	171	615	8.58	18900	2.3			
	201	520	7.28	18000	2.5			
	60	1760	24.47	15000	0.88			
	68	1550	21.52	15900	1.00			
	77	1370	19.04	16600	1.13	DLK187R107 DE3-160L-4 DLKH187R107 DE3-160L-4	2040	65
	86	1210	16.92	16500	1.24			
	102	1030	14.28	16300	1.46			
	119	885	12.34	15400	1.02			
	135	775	10.85	15300	1.16			
	152	685	9.60	15100	1.31			
	172	610	8.53	14800	1.48	DLK167R107 DE3-160L-4 DLKH167R107 DE3-160L-4	1350	65
	203	515	7.20	14500	1.61			
2.1	60980	689	179400	0.82				
2.6	50540	571	190000	0.99				
2.9	44250	501	190000	1.13				
3.5	37440	423	190000	1.34				
4.2	31180	352	190000	1.60				
4.8	27280	308	190000	1.83				
5.7	22590	255	190000	2.2	DLK157R107 DE3-160L-4 DLKF157R107 DE3-160L-4 DLKA157R107 DE3-160L-4 DLKAF157R107 DE3-160L-4	1030	65	
3.9	32950	372	150000	0.97				
4.7	27370	309	150000	1.17				
5.5	23380	264	150000	1.37				
6.3	20450	231	150000	1.56				
7.7	16900	191	150000	1.89				
8.4	15500	175	150000	2.1	DLK187 DE3-180L-6 DLKH187 DE3-180L-6	1940	118	
6.2	20980	237	110700	0.86				
6.7	19380	219	111600	0.93				
7.5	17350	196	112800	1.04				
9.3	13980	158	113900	1.29				
11	11590	131	115000	1.55				
15	8410	95	115400	2.1	DLK187 DE3-180L-6 DLKH187 DE3-180L-6	1840	119	
5.8	24860	169.53	190000	2.0				
6.3	22830	155.72	190000	2.2				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size		重量 Weight [kg]	尺寸图 页码 Page
15	7.1	20240	138.07	150000	1.58	DLK167	DE3-180L-6	1250	116
	8.7	16510	112.58	150000	2.0	DLKH167	DE3-180L-6	1190	117
	8.7	16470	168.22	150000	1.94	DLK167	DE3-160L-4	1200	116
	11	13520	138.07	150000	2.4	DLKH167	DE3-160L-4	1140	117
	7.8	18380	125.38	112200	0.98	DLK157	DE3-180L-6	930	111
	9.6	14960	102.01	113700	1.20	DLKF157	DE3-180L-6	850	114
	10	13680	93.29	114100	1.32	DLKA157	DE3-180L-6	860	112
	12	11900	81.18	114800	1.51	DLKAF157	DE3-180L-6	920	114
	14	10500	71.64	115200	1.71				
	10	14990	153.09	114700	1.20	DLK157	DE3-160L-4	870	111
	12	12280	125.38	112500	1.47	DLKF157	DE3-160L-4	900	114
	14	9990	102.01	109600	1.80	DLKA157	DE3-160L-4	810	112
	16	8260	93.29	109000	2.2	DLKAF157	DE3-160L-4	860	114
	18	7190	81.18	109000	2.5				
	11	13040	133.21	79200	1.00	DLK127	DE3-160L-4	610	106
	12	11740	119.88	79700	1.11	DLKF127	DE3-160L-4	640	109
	13	10640	108.68	80300	1.22	DLKA127	DE3-160L-4	580	107
						DLKAF127	DE3-160L-4	620	109
	16	8720	89.01	81200	1.49				
	18	7950	81.22	81400	1.64	DLK127	DE3-160L-4	610	106
	21	6860	70.04	81600	1.90	DLKF127	DE3-160L-4	640	109
	24	6000	61.25	80000	2.2	DLKA127	DE3-160L-4	580	107
	28	5200	53.06	78000	2.5	DLKAF127	DE3-160L-4	620	109
	31	4600	46.96	76200	2.8				
	16	8900	90.87	50900	0.90	DLK107	DE3-160L-4	375	101
	18	8080	82.56	51100	0.99	DLKF107	DE3-160L-4	390	104
	20	7200	73.49	51200	1.11	DLKA107	DE3-160L-4	355	102
						DLKAF107	DE3-160L-4	370	104
	22	6530	66.73	51000	1.23				
	26	5570	56.90	50600	1.44				
	29	4880	49.85	50000	1.64	DLK107	DE3-160L-4	375	101
	34	4160	42.46	49100	1.92	DLKF107	DE3-160L-4	390	104
	39	3640	37.15	48200	2.2	DLKA107	DE3-160L-4	355	102
	44	3260	33.25	46500	2.2	DLKAF107	DE3-160L-4	370	104
	49	2900	29.60	46400	2.5				
	30	4780	48.82	28100	0.90	DLK97	DE3-160L-4	265	96
	36	4030	41.18	28400	1.07	DLKF97	DE3-160L-4	300	99
	38	3770	38.54	28500	1.14	DLKA97	DE3-160L-4	265	97
	42	3380	34.47	28500	1.27	DLKAF97	DE3-160L-4	280	99
	47	3040	31.04	28400	1.41				
52	2750	28.12	28300	1.56					
59	2420	24.71	28000	1.78	DLK97	DE3-160L-4	265	96	
65	2190	22.35	27700	1.96	DLKF97	DE3-160L-4	300	99	
76	1900	19.36	27200	2.3	DLKA97	DE3-160L-4	265	97	
90	1600	16.33	26600	2.7	DLKAF97	DE3-160L-4	280	99	
46	3130	31.99	17500	0.83					
51	2780	28.42	17600	0.94	DLK87	DE3-160L-4	205	91	
58	2490	25.42	17800	0.96	DLKF87	DE3-160L-4	220	94	
64	2240	22.87	18000	0.98	DLKA87	DE3-160L-4	200	92	
74	1950	19.90	18000	1.08	DLKAF87	DE3-160L-4	215	94	
82	1750	17.83	18000	1.20					
98	1460	14.89	17800	1.44					
116	1240	12.63	17800	1.61	DLK87	DE3-160L-4	205	91	
128	1120	11.47	17700	1.34	DLKF87	DE3-160L-4	220	94	
142	1010	10.27	17600	1.49	DLKA87	DE3-160L-4	200	92	
171	840	8.58	17600	1.67	DLKAF87	DE3-160L-4	215	94	
201	710	7.28	16600	1.83					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page
18.5	2.6	62300	571	176300	0.80	DLK187R107 DE3-180M-4 DLKH187R107 DE3-180M-4	2080 1980	65 65
	2.9	54700	501	189200	0.91			
	3.5	46200	423	190000	1.08			
	4.2	38457	352	190000	1.30			
	4.8	33650	308	190000	1.49			
	5.8	27850	255	190000	1.80			
	6.8	23700	217	190000	2.1			
	4.0	39759	372	150000	0.80			
	4.8	33025	309	150000	0.97			
	5.6	28216	264	150000	1.13			
	6.4	24689	231	150000	1.30			
	7.7	20413	191	150000	1.57			
	8.4	18703	175	150000	1.71			
	9.4	16780	157	150000	1.91			
	7.5	21260	196	110700	0.85	DLK157R107 DE3-180M-4 DLKF157R107 DE3-180M-4 DLKA157R107 DE3-180M-4 DLKAF157R107 DE3-180M-4	1060 1090 990 1050	65 65 65 65
	9.3	17140	158	112500	1.05			
	11	14210	131	114100	1.27			
	15	10310	95	112300	1.75			
	5.8	30560	169.53	190000	1.64	DLK187 DE3-200L1-6 DLKH187 DE3-200L1-6	2020 1920	118 119
	6.3	28070	155.72	190000	1.78			
	7.2	24900	136.29	190000	2.0			
	8.7	20350	169.53	190000	2.5	DLK187 DE3-180M-4 DLKH187 DE3-180M-4	1930 1830	118 119
	9.5	18690	155.72	190000	2.7			
	11	16050	136.29	190000	3.1			
	12	14400	122.24	190000	3.5			
	11	16570	138.07	150000	1.93	DLK167 DE3-180M-4 DLKH167 DE3-180M-4	1240 1180	116 117
	13	13510	112.58	150000	2.4			
	16	10850	90.43	150000	2.9			
	10	18390	102.01	112100	0.98	DLK157 DE3-200L1-6 DLKF157 DE3-200L1-6 DLKA157 DE3-200L1-6 DLKAF157 DE3-200L1-6	1000 1030 930 1000	111 114 112 114
	11	16820	93.29	112800	1.07			
	12	14640	81.18	111500	1.23			
	14	12920	71.64	109900	1.39			
	12	15050	125.38	111600	1.20	DLK157 DE3-180M-4 DLKF157 DE3-180M-4 DLKA157 DE3-180M-4 DLKAF157 DE3-180M-4	910 940 840 900	111 114 112 114
	14	12240	102.01	109100	1.47			
	16	11200	93.29	107800	1.61			
	18	9740	81.18	105600	1.85			
	21	8600	71.64	103400	2.1			
	24	7450	62.11	100700	2.4			
	27	6630	55.26	98500	2.7			
	31	5630	46.89	95500	3.2			
	38	4640	38.70	91300	3.9			
	14	13040	108.68	79000	1.00	DLK127 DE3-180M-4 DLKF127 DE3-180M-4 DLKA127 DE3-180M-4 DLKAF127 DE3-180M-4	640 670 610 650	106 109 107 109
	17	10680	89.01	79000	1.22			
	18	9750	81.22	78500	1.33			
	21	8410	70.04	77500	1.55	DLK127 DE3-180M-4 DLKF127 DE3-180M-4 DLKA127 DE3-180M-4 DLKAF127 DE3-180M-4	640 670 610 650	106 109 107 109
	24	7350	61.25	76400	1.77			
	28	6370	53.06	74800	2.0			
	31	5640	46.96	73400	2.3			
37	4740	39.51	71300	2.7				
46	3850	32.05	71000	3.4				
45	3900	32.50	69900	3.3				
52	3410	28.42	68000	3.8				
20	8820	73.49	46300	0.91	DLK107 DE3-180M-4 DLKF107 DE3-180M-4 DLKA107 DE3-180M-4 DLKAF107 DE3-180M-4			
22	8010	66.73	46600	1.00				
26	6830	56.90	46800	1.17				
30	5980	49.85	46700	1.34				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio i	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
18.5	35	5100	42.46	46300	1.57				
	40	4460	37.15	45700	1.79				
	44	3990	33.25	44500	1.80	DLK107	DE3-180M-4	405	101
	50	3550	29.60	44400	2.0	DLKF107	DE3-180M-4	425	104
	55	3230	26.87	43800	2.2	DLKA107	DE3-180M-4	390	102
	64	2750	22.92	42700	2.6	DLKAF107	DE3-180M-4	405	104
	73	2410	20.08	41700	3.0				
	86	2050	17.10	40400	3.5				
	36	4940	41.18	25100	0.87	DLK97	DE3-180M-4	300	96
	47	3730	31.04	26000	1.15	DLKF97	DE3-180M-4	335	99
	52	3380	28.12	26000	1.27	DLKA97	DE3-180M-4	300	97
						DLKAF97	DE3-180M-4	315	99
	60	2970	24.71	26000	1.45				
	66	2680	22.35	25900	1.60	DLK97	DE3-180M-4	300	96
	76	2320	19.36	25700	1.85	DLKF97	DE3-180M-4	335	99
	90	1960	16.33	25300	2.2	DLKA97	DE3-180M-4	300	97
	105	1680	14.03	24800	2.6	DLKAF97	DE3-180M-4	315	99
	121	1460	12.17	24300	2.9				
	64	2740	22.87	15900	0.80				
	74	2390	19.90	16200	0.88				
	83	2140	17.83	16400	0.98				
	99	1790	14.89	16400	1.17	DLK87	DE3-180M-4	235	91
	117	1520	12.63	16500	1.32	DLKF87	DE3-180M-4	250	94
	128	1380	11.47	16500	1.09	DLKA87	DE3-180M-4	235	92
	143	1230	10.27	16400	1.22	DLKAF87	DE3-180M-4	245	94
	172	1030	8.58	15400	1.36				
	202	870	7.28	14900	1.49				
	22	3.5	54360	423	190000	0.92			
4.2		45236	352	190000	1.11				
4.8		39581	308	190000	1.26	DLK187R107	DE3-180L-4	2100	65
5.8		32770	255	190000	1.53	DLKH187R107	DE3-180L-4	2000	65
6.8		27887	217	190000	1.79				
8.0		23774	185	190000	2.1				
4.8		39710	309	150000	0.81				
5.6		33927	264	150000	0.94				
6.4		29686	231	150000	1.08	DLK167R107	DE3-180L-4	1400	65
6.6		28786	224	150000	1.11	DLKH167R107	DE3-180L-4	1350	65
7.7		24545	191	150000	1.30				
8.4		22489	175	150000	1.42				
9.4		20176	157	150000	1.59				
9.3		20380	158	109800	0.88	DLK157R107	DE3-180L-4	1081	65
11		16900	131	108600	1.07	DLKF157R107	DE3-180L-4	1110	65
15		12260	95	107300	1.47	DLKA157R107	DE3-180L-4	1010	65
						DLKAF157R107	DE3-180L-4	1070	65
5.8		36350	169.53	190000	1.38				
6.3		33380	155.72	190000	1.50	DLK187	DE3-200L2-6	1990	118
7.2		29220	136.29	190000	1.71	DLKH187	DE3-200L2-6	1890	119
8.0		26210	122.24	190000	1.91				
8.7		23941	169.53	190000	2.1				
9.5		21991	155.72	190000	2.3	DLK187	DE3-180L-4	1940	118
11		19247	136.29	190000	2.6	DLKH187	DE3-180L-4	1840	119
12		17263	122.24	190000	2.9				
11		19710	138.07	150000	1.62				
13		16070	112.58	150000	2.0	DLK167	DE3-180L-4	1250	116
16		12910	90.43	150000	2.5	DLKH167	DE3-180L-4	1190	117
18		11400	79.87	150000	2.8				
9.6		21870	102.01	105900	0.82	DLK157	DE3-200L2-6	970	111
11		20000	93.29	105900	0.90	DLKF157	DE3-200L2-6	1000	114
12		17400	81.18	105500	1.03	DLKA157	DE3-200L2-6	900	112
14	15360	71.64	104600	1.17	DLKAF157	DE3-200L2-6	960	114	
16	13320	62.11	103300	1.35					

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
22	12	17900	125.38	105500	1.01				
	14	14560	102.01	104100	1.24				
	16	13320	93.29	103200	1.35				
	18	11590	81.18	101600	1.55	DLK157	DE3-180L-4	920	111
	21	10230	71.64	99800	1.76	DLKF157	DE3-180L-4	950	114
	24	8870	62.11	97700	2.0	DLKA157	DE3-180L-4	860	112
	27	7890	55.26	95800	2.3	DLKAF157	DE3-180L-4	920	114
	31	6690	46.89	93700	2.7				
	38	5520	38.70	89400	3.3				
	17	12700	89.01	73900	1.02	DLK127	DE3-180L-4	660	106
	18	11590	81.22	73800	1.12	DLKF127	DE3-180L-4	690	109
	21	10000	70.04	73400	1.30	DLKA127	DE3-180L-4	630	107
	24	8740	61.25	72800	1.49	DLKAF127	DE3-180L-4	670	109
	28	7570	53.06	71700	1.72				
	31	6700	46.96	70700	1.94	DLK127	DE3-180L-4	660	106
	37	5640	39.51	69000	2.3	DLKF127	DE3-180L-4	690	109
	46	4570	32.05	67500	2.8	DLKA127	DE3-180L-4	630	107
	45	4640	32.50	67000	2.8	DLKAF127	DE3-180L-4	670	109
	52	4060	28.42	66200	3.2				
	60	3510	24.62	65400	3.7				
	26	8120	56.90	43000	0.99	DLK107	DE3-180L-4	425	101
	30	7120	49.85	43300	1.12	DLKF107	DE3-180L-4	440	104
	35	6060	42.46	43400	1.32	DLKA107	DE3-180L-4	405	102
	40	5300	37.15	43200	1.51	DLKAF107	DE3-180L-4	425	104
	44	4750	33.25	43000	1.68				
	50	4220	29.60	42500	1.71				
	55	3840	26.87	42200	1.88				
	64	3270	22.92	41200	2.2	DLK107	DE3-180L-4	425	101
	73	2870	20.08	40400	2.5	DLKF107	DE3-180L-4	440	104
	86	2440	17.10	39300	3.0	DLKA107	DE3-180L-4	405	102
	98	2140	14.96	38400	3.3	DLKAF107	DE3-180L-4	425	104
	119	1760	12.35	36000	3.9				
	122	1730	12.11	35900	2.5				
	143	1470	10.32	34800	2.9				
	163	1290	9.03	34500	3.3				
	198	1060	7.45	34300	3.9				
	47	4430	31.04	23500	0.97	DLK97	DE3-180L-4	315	96
	52	4010	28.12	23800	1.07	DLKF97	DE3-180L-4	350	99
	60	3530	24.71	24100	1.22	DLKA97	DE3-180L-4	315	97
						DLKAF97	DE3-180L-4	330	99
	66	3190	22.35	24200	1.35				
	76	2760	19.36	24100	1.56	DLK97	DE3-180L-4	315	96
	90	2330	16.33	24000	1.85	DLKF97	DE3-180L-4	350	99
	105	2000	14.03	23700	2.2	DLKA97	DE3-180L-4	315	97
121	1740	12.17	23300	2.4	DLKAF97	DE3-180L-4	330	99	
139	1520	10.62	21800	1.91					
161	1300	9.13	21300	2.1					
83	2540	17.83	14800	0.83					
99	2130	14.89	14200	0.99	DLK87	DE3-180L-4	255	91	
117	1800	12.63	14200	1.11	DLKF87	DE3-180L-4	265	94	
128	1640	11.47	14800	0.91	DLKA87	DE3-180L-4	250	92	
143	1470	10.27	14500	1.02	DLKAF87	DE3-180L-4	260	94	
172	1220	8.58	14200	1.15					
202	1040	7.28	14200	1.25					
30	4.8	53792	308	190000	0.93				
	5.8	44535	255	190000	1.12	DLK187R107	DE3-200L-4	2150	65
	6.8	37899	217	190000	1.32	DLKH187R107	DE3-200L-4	2050	65
	8.0	32310	185	190000	1.55				
	6.4	40344	231	150000	0.79				
	7.7	33358	191	150000	0.96	DLK167R107	DE3-200L-4	1460	65
	8.4	30563	175	150000	1.05	DLKH167R107	DE3-200L-4	1400	65
	9.4	27420	157	150000	1.17				

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page							
30	8.7	32880	169.53	190000	1.52	DLK187 DLKH187	DE3-200L-4 DE3-200L-4	2000 1900	118 119						
	9.5	30210	155.72	190000	1.66										
	11	26440	136.29	190000	1.89										
	12	23710	122.24	190000	2.1										
	14	20800	107.22	190000	2.4										
	15	18680	96.30	190000	2.7										
	18	16090	82.95	190000	3.1	DLK167 DLKH167	DE3-200L-4 DE3-200L-4	1310 1250	116 117						
	13	21840	112.58	150000	1.47										
	16	17540	90.43	150000	1.82										
	18	15490	79.87	150000	2.1										
	21	13530	69.73	150000	2.4										
	24	12070	62.24	150000	2.7										
	30	14	19790	102.01	92700	0.91	DLK157 DLKF157 DLKA157 DLKAF157	DE3-200L-4 DE3-200L-4 DE3-200L-4 DE3-200L-4	980 1010 910 970	111 114 112 114					
		16	18100	93.29	92800	0.99									
		18	15750	81.18	92400	1.14									
		21	13900	71.64	91800	1.29									
		24	12050	62.11	90700	1.49									
		27	10720	55.26	89500	1.68									
		31	9100	46.89	87800	2.0									
		38	7510	38.70	85100	2.4									
		45	6370	32.82	82200	2.8					DLK127 DLKF127 DLKA127 DLKAF127	DE3-200L-4 DE3-200L-4 DE3-200L-4 DE3-200L-4	710 750 680 720	106 109 107 109	
		21	13590	70.04	64200	0.96									
		24	11880	61.25	64600	1.09									
		28	10290	53.06	64700	1.26									
31		9110	46.96	64400	1.43										
37		7660	39.51	63700	1.70										
45		6300	32.5	62900	2.1										
46		6220	32.05	62300	2.1										
52		5510	28.42	61000	2.4										
60		4780	24.62	59600	2.7										
30		35	8240	42.46	36100	0.97	DLK107 DLKF107 DLKA107 DLKAF107	DE3-200L-4 DE3-200L-4 DE3-200L-4 DE3-200L-4	480 495 460 475	101 104 102 104					
		40	7210	37.15	37600	1.11									
		50	5740	29.60	38000	1.25									
		55	5210	26.87	38000	1.38									
		30	64	4450	22.92	37700	1.62	DLK107 DLKF107 DLKA107 DLKAF107	DE3-200L-4 DE3-200L-4 DE3-200L-4 DE3-200L-4	480 495 460 475	101 104 102 104				
			74	3900	20.08	37400	1.85								
	86		3320	17.10	36700	2.2									
	99		2900	14.96	36100	2.4									
	120		2400	12.35	34400	2.9									
	122		2350	12.11	34000	1.83									
	143		2000	10.32	33800	2.2									
	164		1750	9.03	32700	2.4									
	198		1450	7.45	32200	2.8									
	30		60	4790	24.71	19600	0.90					DLK97 DLKF97 DLKA97 DLKAF97	DE3-200L-4 DE3-200L-4 DE3-200L-4 DE3-200L-4	370 405 370 385	96 99 97 99
			66	4340	22.35	20100	0.99								
			76	3760	19.36	20700	1.14								
		90	3170	16.33	21000	1.36									
		105	2720	14.03	21200	1.58									
		121	2360	12.17	21100	1.78									
		139	2060	10.62	19500	1.41									
		162	1770	9.13	19400	1.53									
		37	5.8	54177	255	190000	0.92	DLK187R107 DLKH187R107	DE3-225S-4 DE3-225S-4	2190 2090	65 65				
			6.8	46103	217	190000	1.08								
			8.0	39304	185	190000	1.27								
37			7.8	40579	191	150000	0.79	DLK167R107 DLKH167R107	DE3-225S-4 DE3-225S-4	1500 1440	65 65				
	8.5		37180	175	150000	0.86									
	9.4		33356	157	150000	0.96									
37	8.7		40450	169.53	190000	1.24	DLK187 DLKH187	DE3-225S-4 DE3-225S-4	2040 1940	118 119					
	9.5		37150	155.72	190000	1.35									
	11		32520	136.29	190000	1.54									
	12		29170	122.24	190000	1.71									
	14		25580	107.22	190000	2.0									
	15		22980	96.30	190000	2.2									
	18	19790	82.95	190000	2.5										

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page						
37	13	26860	112.58	150000	1.19	DLK167 DLKH167	DE3-225S-4 DE3-225S-4	1350 1290	116 117					
	16	21580	90.43	150000	1.48									
	19	19060	79.87	150000	1.68									
	21	16640	69.73	150000	1.92									
	24	14850	62.24	150000	2.2									
	28	12660	53.08	150000	2.5									
	16	16	22260	93.29	83600	0.81	DLK157 DLKF157 DLKA157 DLKAF157	DE3-225S-4 DE3-225S-4 DE3-225S-4 DE3-225S-4	1020 1050 960 1010	111 114 112 114				
		18	19370	81.18	84500	0.93								
		21	17090	71.64	84800	1.05								
		24	14820	62.11	84600	1.21								
		27	13180	55.26	84100	1.37								
		32	11190	46.89	83200	1.61								
		38	9230	38.70	81300	2.0								
		45	7830	32.82	79100	2.3								
	24	24	14610	61.25	57500	0.89	DLK127 DLKF127 DLKA127 DLKAF127	DE3-225S-4 DE3-225S-4 DE3-225S-4 DE3-225S-4	760 790 730 770	106 109 107 109				
		28	12660	53.06	58500	1.03								
		32	11200	46.96	59000	1.16								
	37	37	9430	39.51	59100	1.38	DLK127 DLKF127 DLKA127 DLKAF127	DE3-225S-4 DE3-225S-4 DE3-225S-4 DE3-225S-4	760 790 730 770	106 109 107 109				
		46	7650	32.06	59000	1.70								
		46	7750	32.50	58500	1.68								
		52	6780	28.42	57800	1.92								
		60	5870	24.62	56900	2.2								
		68	5200	21.79	56900	2.5								
		81	4370	18.33	56000	3.0								
		100	3550	14.87	54500	3.7								
		112	3160	13.26	52500	2.5								
		133	2660	11.16	50200	3.0								
		164	2160	9.05	48600	3.7								
		40	40	8860	37.15	37600					0.90	DLK107 DLKF107 DLKA107 DLKAF107	DE3-225S-4 DE3-225S-4 DE3-225S-4 DE3-225S-4	520 540 500 520
	50		7060	29.60	38000	1.02								
	55		6410	26.87	38000	1.12								
	65		5470	22.92	37700	1.32								
	74		4790	20.08	37400	1.50								
	87		4080	17.10	36700	1.76								
	99		3570	14.96	36100	2.0								
	120		2950	12.35	34300	2.3								
122	2890		12.11	33800	1.49									
144	2460		10.32	33000	1.75									
164	2150		9.03	32200	2.0									
199	1780		7.45	32000	2.3									
45	6.8		56490	217	186100	0.89	DLK187R107	DE3-225M-4	2220	65				
	8.0		48560	185	190000	1.03	DLKH187R107	DE3-225M-4	2120	65				
	9.4	40900	157	150000	0.78	DLK167R107 DLKH167R107	DE3-225M-4 DE3-225M-4	1530 1470	65 65					
	8.7	49230	169.53	190000	1.02	DLK187 DLKH187	DE3-225M-4 DE3-225M-4	2070 1970	118 119					
	9.5	45220	155.72	190000	1.11									
	11	39570	136.29	190000	1.26									
	12	35500	122.24	190000	1.41									
	14	31130	107.22	190000	1.61									
	15	27960	96.30	190000	1.79									
	18	24090	82.95	190000	2.1									
	21	20240	69.71	187000	2.5									
	13	13	32690	112.58	150000	0.98	DLK167 DLKH167	DE3-225M-4 DE3-225M-4	1380 1320	116 117				
		16	26260	90.43	150000	1.22								
		19	23190	79.87	150000	1.38								
		21	20250	69.73	150000	1.58								
		24	18070	62.24	149000	1.77								
		28	15410	53.08	145300	2.1								
		34	12810	44.11	140600	2.5								

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
45	21	20800	71.64	76800	0.87				
	24	18030	62.11	77700	1.00				
	27	16050	55.26	77900	1.12				
	32	13620	46.89	77800	1.32	DLK157	DE3-225M-4	1050	111
	38	11240	38.70	76900	1.60	DLKF157	DE3-225M-4	1079.5	114
	45	9530	32.82	75500	1.89	DLKA157	DE3-225M-4	980	112
	52	8320	28.67	74300	2.2	DLKAF157	DE3-225M-4	1040	114
	60	7220	24.86	72800	2.5				
	67	6420	22.11	71500	2.8				
	79	5450	18.76	69700	3.3				
	32	13640	46.96	52800	0.95				
	37	11470	39.51	53900	1.13				
	46	9310	32.05	54300	1.40				
	46	9440	32.50	54400	1.38				
	52	8250	28.42	53800	1.58	DLK127	DE3-225M-4	780	106
	60	7150	24.62	53800	1.82	DLKF127	DE3-225M-4	820	109
	68	6330	21.79	53200	2.1	DLKA127	DE3-225M-4	750	107
	81	5320	18.33	52200	2.4	DLKAF127	DE3-225M-4	790	109
	100	4320	14.87	50700	3.0				
	112	3850	13.26	48300	2.1				
	133	3240	11.16	47000	2.5				
	164	2630	9.05	45300	3.0				
	55	7800	26.87	25600	0.92				
	65	6660	22.92	29000	1.08				
	74	5830	20.08	31500	1.23				
	87	4970	17.10	31700	1.45	DLK107	DE3-225M-4	550	101
	99	4340	14.96	31900	0.99	DLKF107	DE3-225M-4	570	104
	120	3590	12.35	30000	1.92	DLKA107	DE3-225M-4	530	102
	122	3520	12.11	29900	1.22	DLKAF107	DE3-225M-4	550	104
	143	3000	10.32	29900	1.43				
	164	2620	9.03	29800	1.60				
	199	2160	7.45	29300	1.90				
	55	11	48340	136.29	190000	1.03			
12		43350	122.24	188800	1.15				
14		38030	107.22	188500	1.31	DLK187	DE3-250M-4	2150	118
15		34150	96.30	186000	1.46	DLKH187	DE3-250M-4	2050	119
18		29420	82.95	181000	1.70				
21		24720	69.71	176500	2.0				
25		21410	60.36	176000	2.3				
16		32070	90.43	145300	1.00				
19		28330	79.87	144600	1.13				
21		24730	69.73	143300	1.29	DLK167	DE3-250M-4	1460	116
24		22070	62.24	141700	1.45	DLKH167	DE3-250M-4	1400	117
28		18830	53.08	139100	1.70				
34		15640	44.11	135400	2.0				
39		13360	37.68	131900	2.4				
24		22030	62.11	69000	0.82				
27		19600	55.26	70200	0.92	DLK157	DE3-250M-4	1140	111
32		16630	46.89	71200	1.08	DLKF157	DE3-250M-4	1170	114
38		13730	38.70	71400	1.31	DLKA157	DE3-250M-4	1070	112
45		11640	32.82	71100	1.55	DLKAF157	DE3-250M-4	1130	114
52		10170	28.67	70400	1.77				
60		8820	24.86	69400	2.0				
67		7840	22.11	68400	2.3	DLK157	DE3-250M-4	1140	111
79		6650	18.76	67000	2.7	DLKF157	DE3-250M-4	1170	114
96		5490	15.49	64800	3.3	DLKA157	DE3-250M-4	1070	112
113		4660	13.13	62900	3.9	DLKAF157	DE3-250M-4	1130	114
37		14010	39.51	47400	0.93	DLK127	DE3-250M-4	870	106
46		11370	32.05	48800	1.14	DLKF127	DE3-250M-4	910	109
46		11530	32.50	49700	1.13	DLKA127	DE3-250M-4	840	107
52		10080	28.42	49900	1.29	DLKAF127	DE3-250M-4	880	109

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page				
55	60	8730	24.62	49900	1.49	DLK127 DE3-250M-4 DLKF127 DE3-250M-4 DLKA127 DE3-250M-4 DLKAF127 DE3-250M-4	870 910 840 880	106 109 107 109				
	68	7730	21.79	49800	1.68							
	81	6500	18.33	49300	2.0							
	100	5270	14.87	48300	2.5							
	112	4700	13.26	45900	1.70							
	133	3960	11.16	45000	2.0							
	164	3210	9.05	43600	2.5							
75	12	58880	122.24	166100	0.85	DLK187 DE3-280S-4 DLKH187 DE3-280S-4	2240 2140	118 119				
	14	51650	107.22	166600	0.97							
	15	46390	96.30	166600	1.08							
	18	39950	82.95	165300	1.25							
	21	33580	69.71	163400	1.49							
	25	29070	60.36	160100	1.72							
	30	24230	50.30	156700	2.1							
	35	20660	42.89	156500	2.4							
	19	19	38470	79.87	126100	0.83	DLK167 DE3-280S-4 DLKH167 DE3-280S-4	1550 1490	116 117			
		21	33590	69.73	127100	0.95						
		24	29980	62.24	127300	1.07						
		28	25570	53.08	126800	1.25						
		34	21250	44.11	125200	1.51						
		39	18150	37.68	123200	1.76						
		43	16700	34.67	121300	2.0						
		48	14910	30.95	121000	2.1						
		56	12710	26.39	117400	2.5						
		68	10560	21.93	116300	3.1						
	38	38	18640	38.70	71500	0.97	DLK157 DE3-280S-4 DLKF157 DE3-280S-4 DLKA157 DE3-280S-4 DLKAF157 DE3-280S-4	1230 1260 1160 1220	111 114 112 114			
		45	15810	32.82	71000	1.14						
		52	13810	28.67	70400	1.30						
		60	11970	24.86	69400	1.50						
		67	10650	22.11	68400	1.69						
		79	9040	18.76	67000	2.0						
		96	7460	15.49	64800	2.4						
		113	6320	13.13	62900	2.8						
	46	46	15650	32.50	39200	0.83	DLK127 DE3-280S-4 DLKF127 DE3-280S-4 DLKA127 DE3-280S-4 DLKAF127 DE3-280S-4	960 1000 930 970	106 109 107 109			
		52	13690	28.42	40800	0.95						
		60	11860	24.62	42200	1.10						
		68	10500	21.79	42900	1.24						
		81	8830	18.33	43500	1.47						
		100	7160	14.87	43700	1.82						
		112	6390	13.26	41100	1.25						
		133	5380	11.16	41000	1.49						
		164	4360	9.05	40400	1.83						
90		14	61930	107.22	151300	0.81				DLK187 DE3-280M-4 DLKH187 DE3-280M-4	2340 2240	118 119
		15	55620	96.30	153400	0.90						
		18	47910	82.95	154200	1.04						
		21	40270	69.71	153800	1.24						
		25	34870	60.36	152200	1.43						
	30	29050	50.30	149900	1.72							
	35	24770	42.89	148700	2.0							
	41	21000	36.54	146900	2.4							
	24	24	35950	62.24	116600	0.89	DLK167 DE3-280M-4 DLKH167 DE3-280M-4	1640 1590	116 117			
		28	30660	53.08	117600	1.04						
		34	25480	44.11	117600	1.26						
		39	21760	37.68	116700	1.47						
		43	20030	34.67	115500	1.60						
		48	17880	30.95	114200	1.79						
		56	15240	26.39	111900	2.1						
		68	12670	21.93	108800	2.5						
		79	10820	18.74	106000	3.0						

5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page					
90	38	22350	38.70	52700	0.81	DLK157 DLKF157 DLKA157 DLKAF157	DE3-280M-4	1320 1350 1250 1310	111 114 112 114				
	45	18960	32.82	55500	0.95								
	52	16560	28.67	56700	1.09								
	60	14360	24.86	57500	1.25								
	67	12770	22.11	57900	1.41								
	79	10840	18.76	57900	1.66								
	96	8950	15.49	57400	2.0								
	113	7580	13.13	56600	2.4								
	60	14220	24.62	36400	0.91					DLK127 DLKF127 DLKA127 DLKAF127	DE3-280M-4	1060 1090 1030 1060	106 109 107 109
	68	12590	21.79	37800	1.03								
	81	10590	18.33	39200	1.23								
	100	8590	14.87	40200	1.51								
	112	7660	13.26	37600	1.04								
	133	6450	11.16	38000	1.24								
	164	5230	9.05	38000	1.53								
	110	18	58640	82.95	138000	0.85	DLK187 DLKH187	DE3-315S-4	2570 2470	118 119			
		21	49280	69.71	140000	1.01							
		25	42670	60.36	142000	1.17							
30		35560	50.30	141000	1.41								
35		30320	42.89	140500	1.65								
34		30730	43.47	140200	1.63								
41		25830	36.54	137800	1.94								
47		22360	31.63	135000	2.2								
56		18630	26.36	134000	2.7								
28		37520	53.08	105500	0.85	DLK167 DLKH167	DE3-315S-4	1880 1820	116 117				
34		31180	44.11	107500	1.03								
39		26640	37.68	108100	1.20								
43		24510	34.67	107900	1.31								
48		21880	30.95	107400	1.46								
56		18660	26.39	106100	1.71								
68		15500	21.93	104000	2.1								
79		13250	18.74	101800	2.4								
60		17570	24.86	50800	1.02					DLK157 DLKF157 DLKA157 DLKAF157	DE3-315S-4	1550 1580 1490 1540	111 114 112 114
67	15630	22.11	51900	1.15									
79	13260	18.76	52700	1.36									
96	10950	15.49	53100	1.64									
113	9280	13.13	53000	1.94									
132	21	59180	69.71	127000	0.84	DLK187 DLKH187	DE3-315M-4	2650 2550	118 119				
	25	51240	60.36	129800	0.98								
	30	42700	50.30	130800	1.17								
	35	36410	42.89	130900	1.37								
	34	36900	43.47	130700	1.36								
	41	31020	36.54	129800	1.61								
	47	26850	31.63	127900	1.86								
	56	22380	26.36	125900	2.2								
	66	19080	22.48	122800	2.6								
	34	37440	44.11	96400	0.85	DLK167 DLKH167	DE3-315M-4	1960 1900	116 117				
	39	31990	37.68	98600	1.00								
	43	29430	34.67	99600	1.09								
	48	26270	30.95	99900	1.22								
	56	22400	26.39	99800	1.43								
	68	18620	21.93	98700	1.72								
	79	15910	18.74	97300	2.0								
	60	21100	24.86	43400	0.85	DLK157 DLKF157 DLKA157 DLKAF157	DE3-315M-4	1640 1670 1570 1630	111 114 112 114				
	67	18770	22.11	45300	0.96								
79	15930	18.76	47000	1.13									
96	13150	15.49	48500	1.37									
113	11150	13.13	49100	1.61									

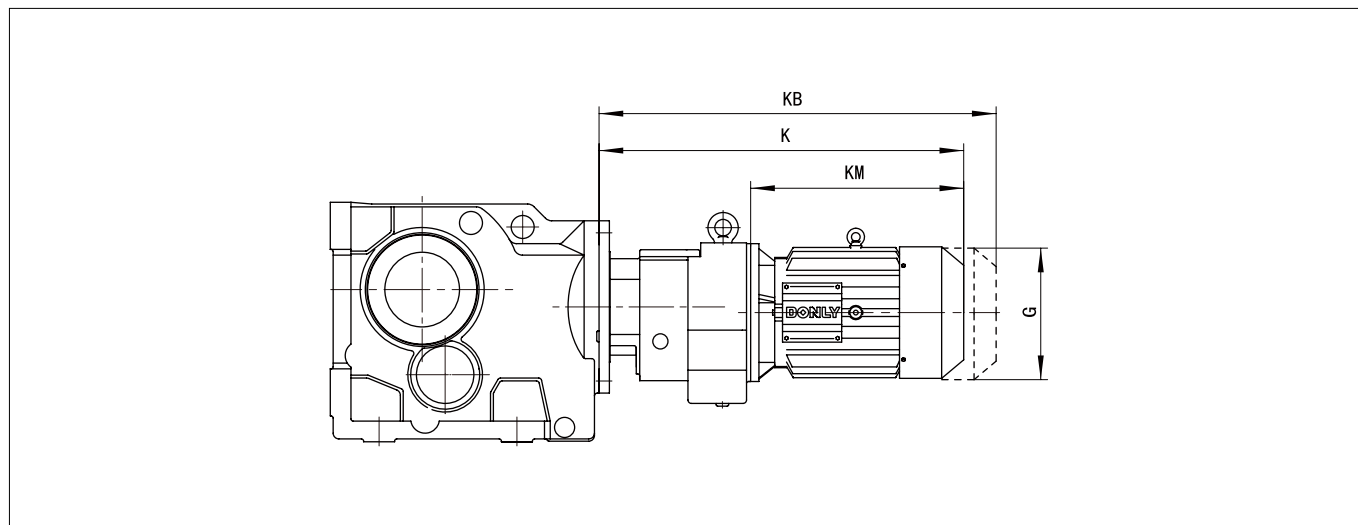
5.1 DLK..DE3.. 减速电机技术参数表

5.1 Selection tables of DLK..DE3..gearmotors

功率 Power Pm [Kw]	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	减速比 Ratio I	径向力 Overhung load FRa [N]	服务系数 Service factor fB	规格 Size	重量 Weight [kg]	尺寸图 页码 Page	
160	25	62110	60.36	114900	0.81	DLK187 DLKH187	DE3-315L1-4 DE3-315L1-4	2730 2630	118 119
	30	51760	50.30	116000	0.97				
	35	44130	42.89	118800	1.13				
	34	44730	43.47	120500	1.12				
	41	37600	36.54	119200	1.33				
	47	32550	31.63	117500	1.54				
	56	27120	26.36	114900	1.84				
	66	23130	22.48	114500	2.2				
	39	38770	37.68	86500	0.83	DLK167 DLKH167	DE3-315L1-4 DE3-315L1-4	2040 1980	116 117
	43	35670	34.67	88500	0.90				
	48	31850	30.95	91700	1.00				
	56	27150	26.39	91700	1.18				
	68	22570	21.93	92000	1.42				
	79	19280	18.74	91600	1.66				
	79	19300	18.76	39800	0.93	DLK157 DLKF157 DLKA157 DLKAF157	DE3-315L1-4 DE3-315L1-4 DE3-315L1-4 DE3-315L1-4	1710 1740 1640 1700	111 114 112 114
96	15940	15.49	42600	1.13					
113	13510	13.13	44100	1.33					
200	35	55280	42.89	107300	0.90	DLK187 DLKH187	DE3-315L2-4 DE3-315L2-4	2810 2710	118 119
	34	56020	43.47	109000	0.89				
	41	47090	36.54	109500	1.06				
	47	40760	31.63	109200	1.23				
	56	33970	26.36	109100	1.47				
	66	28970	22.48	109000	1.73				
	56	34010	26.39	80100	0.94	DLK167 DLKH167	DE3-315L2-4 DE3-315L2-4	2120 2060	116 117
	68	28260	21.93	82400	1.13				
	79	24150	18.74	83400	1.33				
	96	19960	15.49	34200	0.90	DLK157 DLKF157 DLKA157 DLKAF157	DE3-315L2-4 DE3-315L2-4 DE3-315L2-4 DE3-315L2-4	1790 1820 1720 1780	111 114 112 114
	113	16920	13.13	36900	1.06				

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors

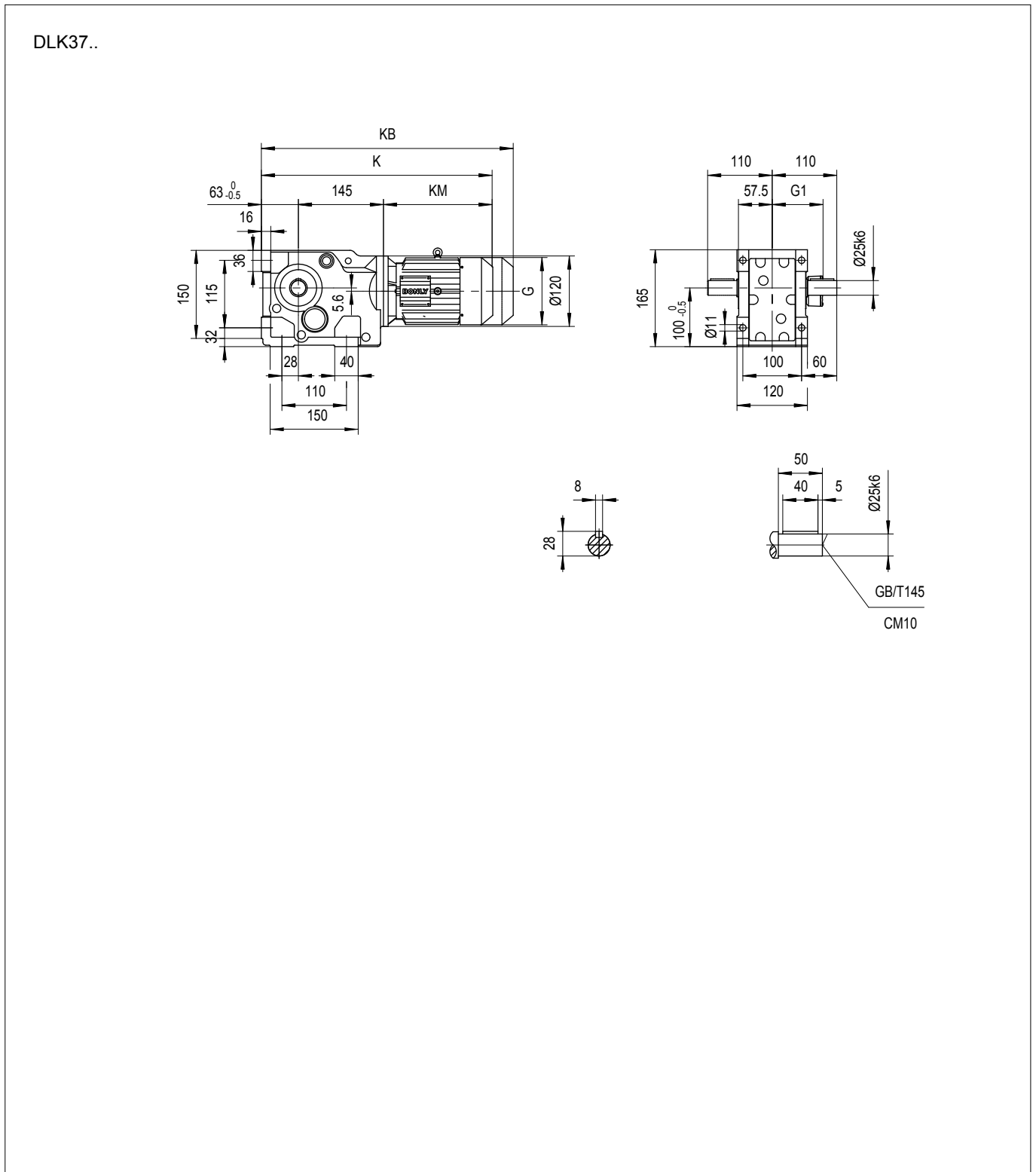


齿轮箱 Gearbox	电机 Motor	G	K	KB	KM
DLK..37R17	DE3-63..	Φ150	378	443	245
DLK..47R37 DLK..57R37	DE3-63..	Φ150	402	467	245
	DE3-71..	Φ150	402	467	245
	DE3-80..	150×150	452	527	295
	DE3-63..	Φ150	402	467	245
DLK..67R37	DE3-71..	Φ150	402	467	245
	DE3-80..	150×150	452	527	295
	DE3-63..	Φ150	402	467	245
DLK..77R37	DE3-71..	Φ150	402	467	245
	DE3-80..	150×150	452	527	295
DLK..87R57	DE3-63..	Φ150	437	502	250
	DE3-71..	Φ150	437	502	250
	DE3-80..	150×150	477	552	290
	DE3-90S	170×170	472	542	285
	DE3-90L	170×170	502	582	315
DLK..97R57	DE3-63..	Φ150	437	502	250
	DE3-71..	Φ150	437	502	250
	DE3-80..	150×150	477	552	290
	DE3-90S	170×170	472	542	285
	DE3-90L	170×170	502	582	315
DLK..107R77	DE3-100..	191×191	567	637	380
	DE3-63..	Φ150	460	525	240
	DE3-71..	Φ150	460	525	240
	DE3-80..	150×150	500	575	280
	DE3-90S	170×170	495	565	275
	DE3-90L	170×170	525	605	305
	DE3-100..	191×191	590	660	370
	DE3-112M	215×215	620	715	400
DE3-132S	255×255	690	805	470	

齿轮箱 Gearbox	电机 Motor	G	K	KB	KM
DLK..127R77	DE3-63..	Φ150	460	525	240
	DE3-71..	Φ150	460	525	240
	DE3-80..	150×150	500	575	280
	DE3-90S	170×170	495	565	275
	DE3-90L	170×170	525	605	305
	DE3-100..	191×191	590	660	370
	DE3-112M	215×215	620	715	400
DLK..127R87	DE3-90L	170×170	577	657	305
	DE3-100..	191×191	637	727	365
	DE3-112M	215×215	672	767	400
	DE3-132S	255×255	737	852	465
	DE3-132M	255×255	737	852	465
	DE3-132L	255×255	762	877	490
	DE3-160..	310×310	827	962	555
	DE3-80..	150×150	590	665	280
DLK..157R97 DLK..167R97 DLK..187R97	DE3-90S	170×170	585	655	265
	DE3-90L	170×170	615	695	295
	DE3-100..	191×191	675	765	355
	DE3-112M	215×215	710	805	390
	DE3-132S	255×255	775	890	470
	DE3-132M	255×255	775	890	470
	DE3-132L	255×255	800	915	480
	DE3-160..	310×310	870	1005	550
	DE3-132M	255×255	805	920	450
	DE3-132L	255×255	830	945	475
DLK..157R107 DLK..167R107 DLK..187R107	DE3-160..	310×310	895	1030	540
	DE3-180..	348×348	945	1090	590
	DE3-200..	Φ420	1035	1220	680
	DE3-225..	Φ470	1085	1275	730

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



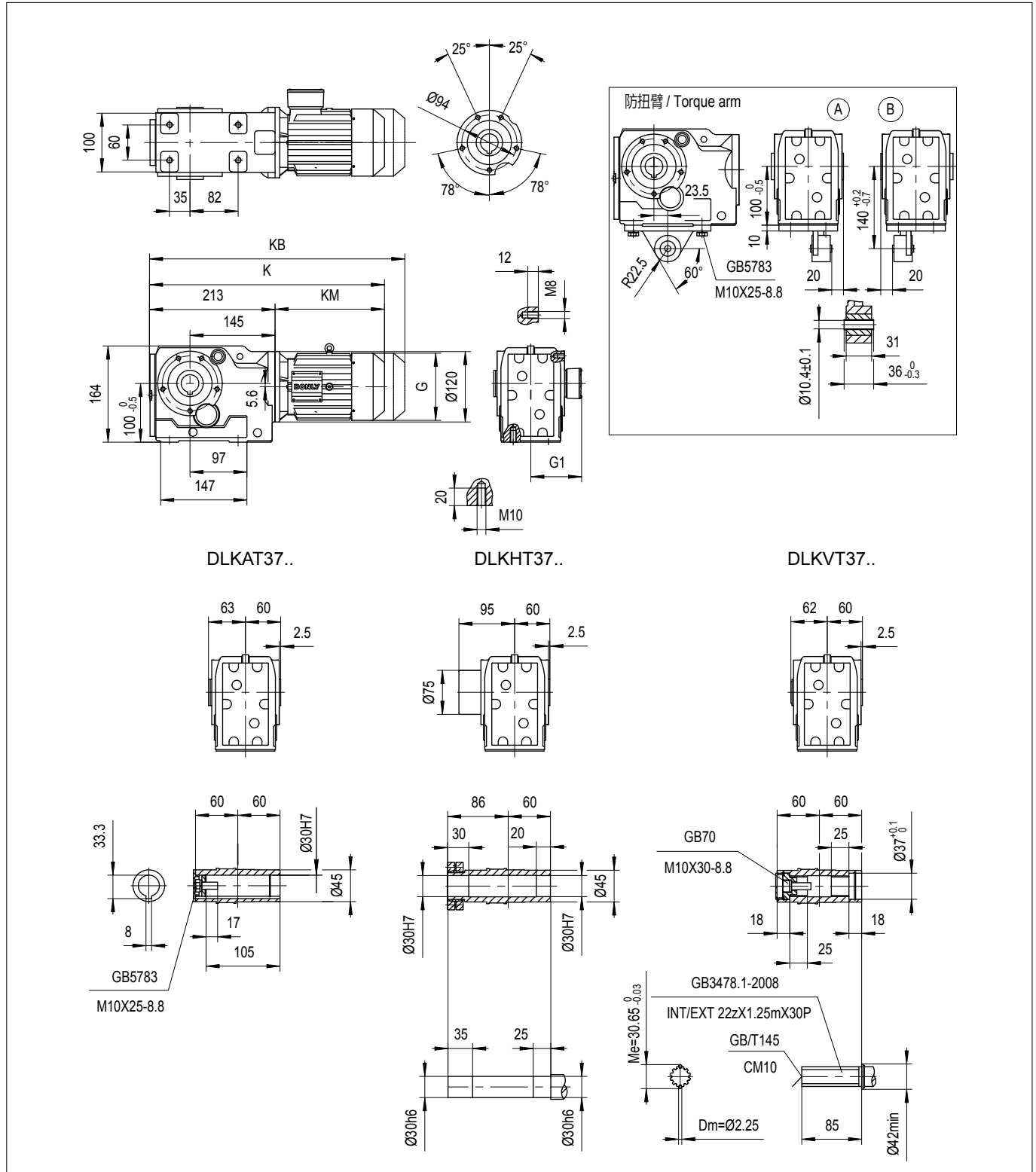
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	463	463	513	508	538	603
KB	528	528	588	578	618	683
KM (LB)	255	255	305	300	330	395

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



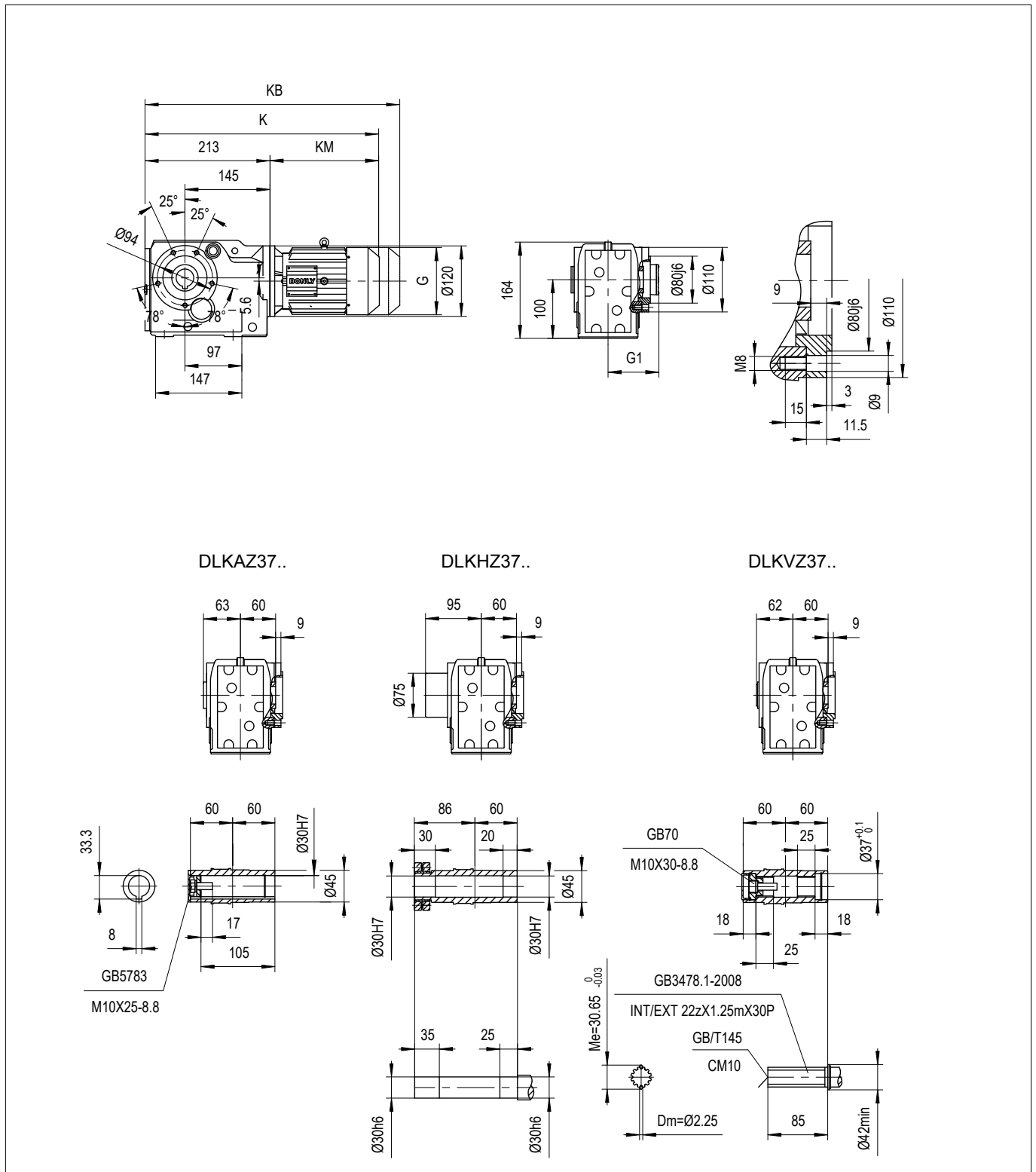
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	468	468	518	513	543	608
KB	533	533	593	583	623	688
KM (LB)	255	255	305	300	330	395

注: KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



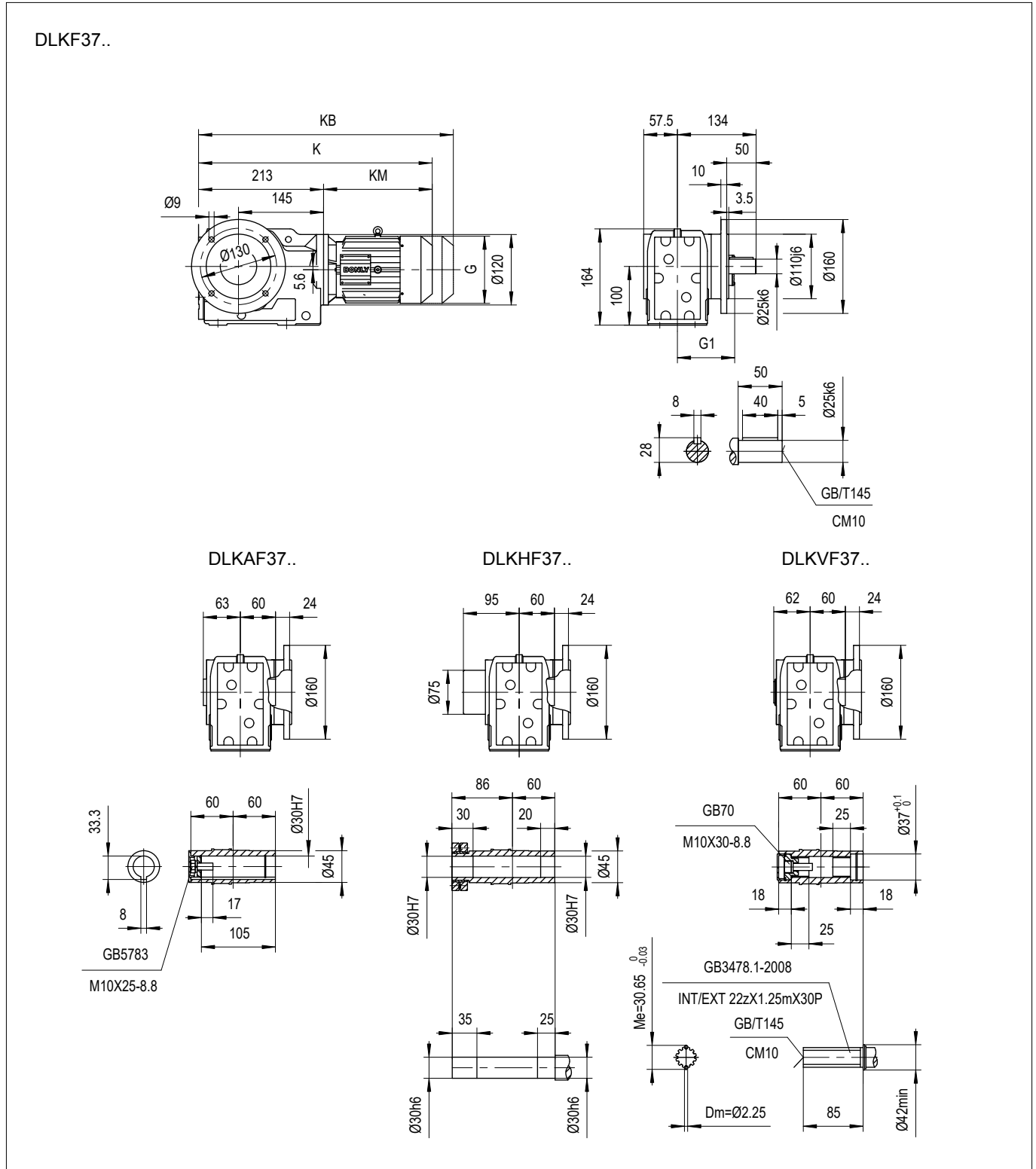
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	468	468	518	513	543	608
KB	533	533	593	583	623	688
KM (LB)	255	255	305	300	330	395

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



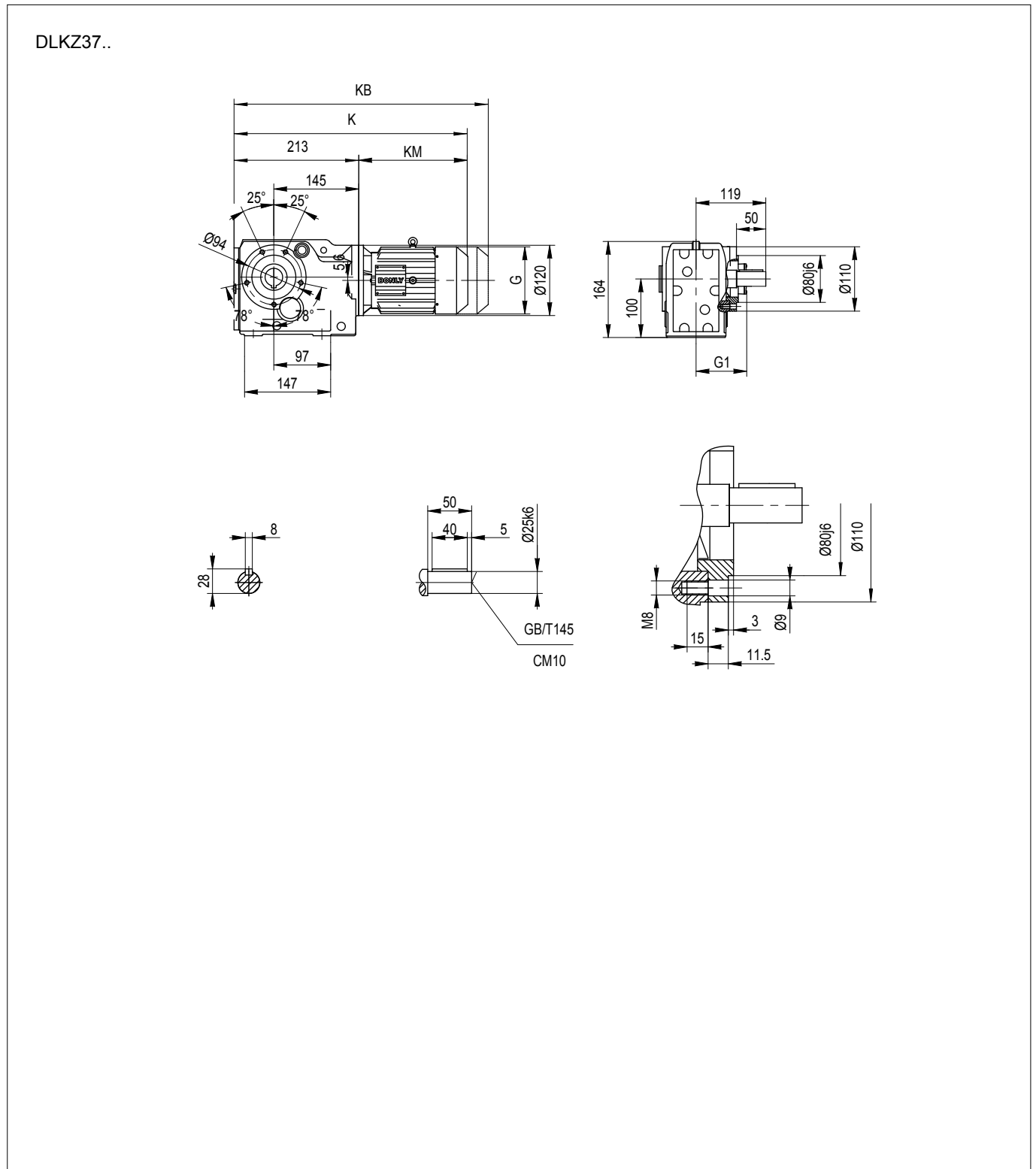
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	468	468	518	513	543	608
KB	533	533	593	583	623	688
KM (LB)	255	255	305	300	330	395

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



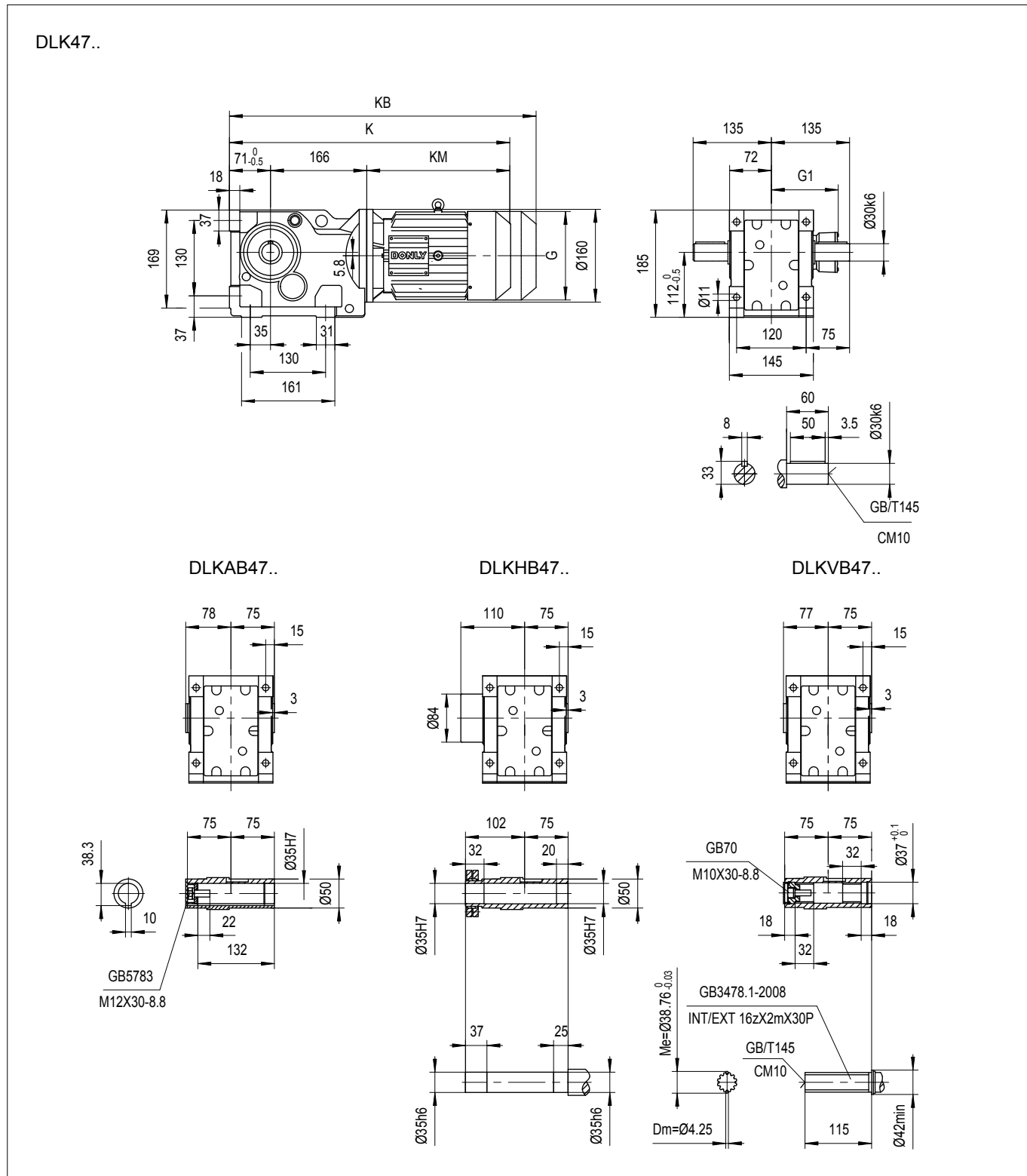
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	468	468	518	513	543	608
KB	533	533	593	583	623	688
KM (LB)	255	255	305	300	330	395

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



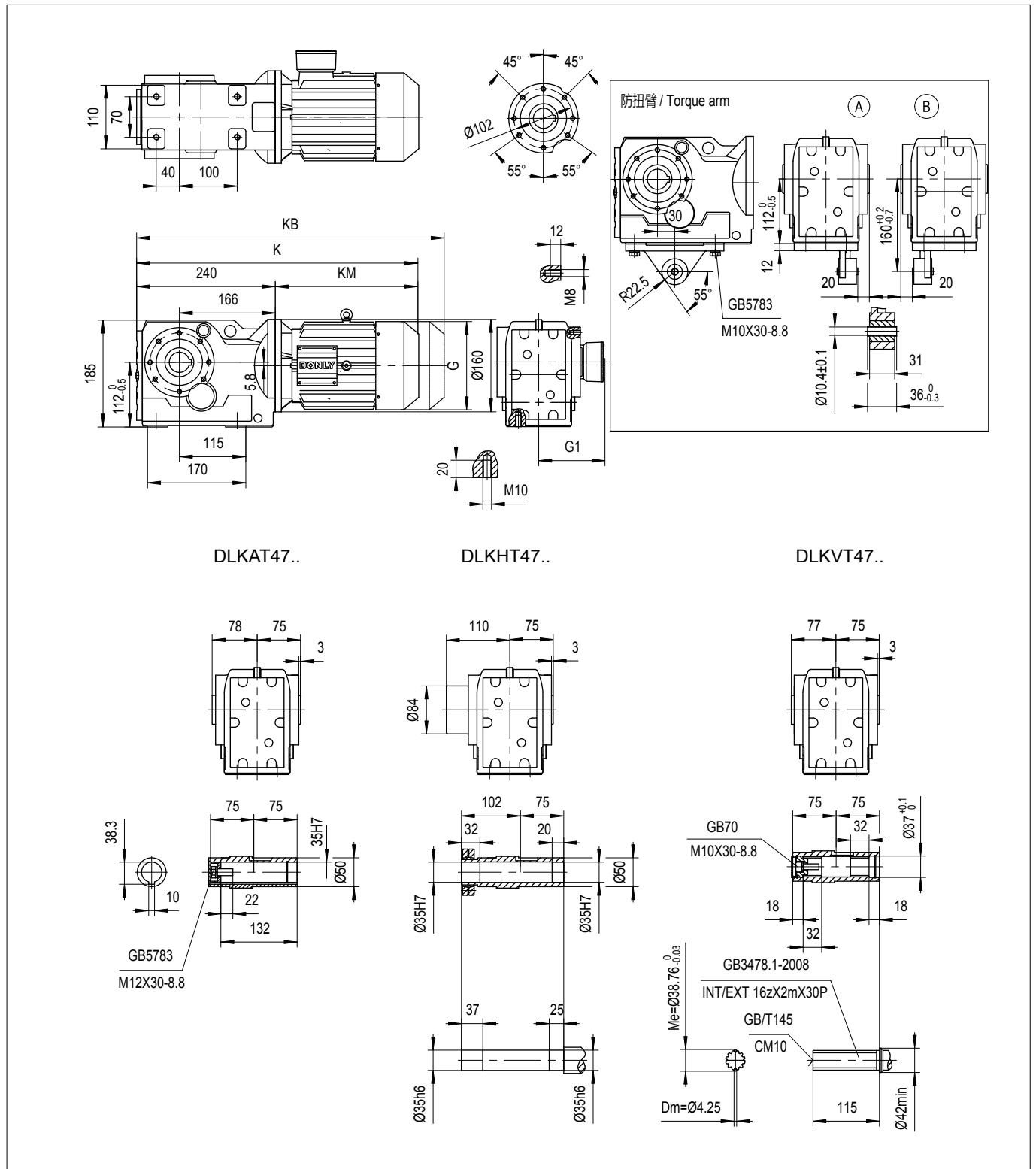
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	497	497	537	532	562	627
KB	562	562	612	602	642	707
KM (LB)	260	260	300	295	325	390

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



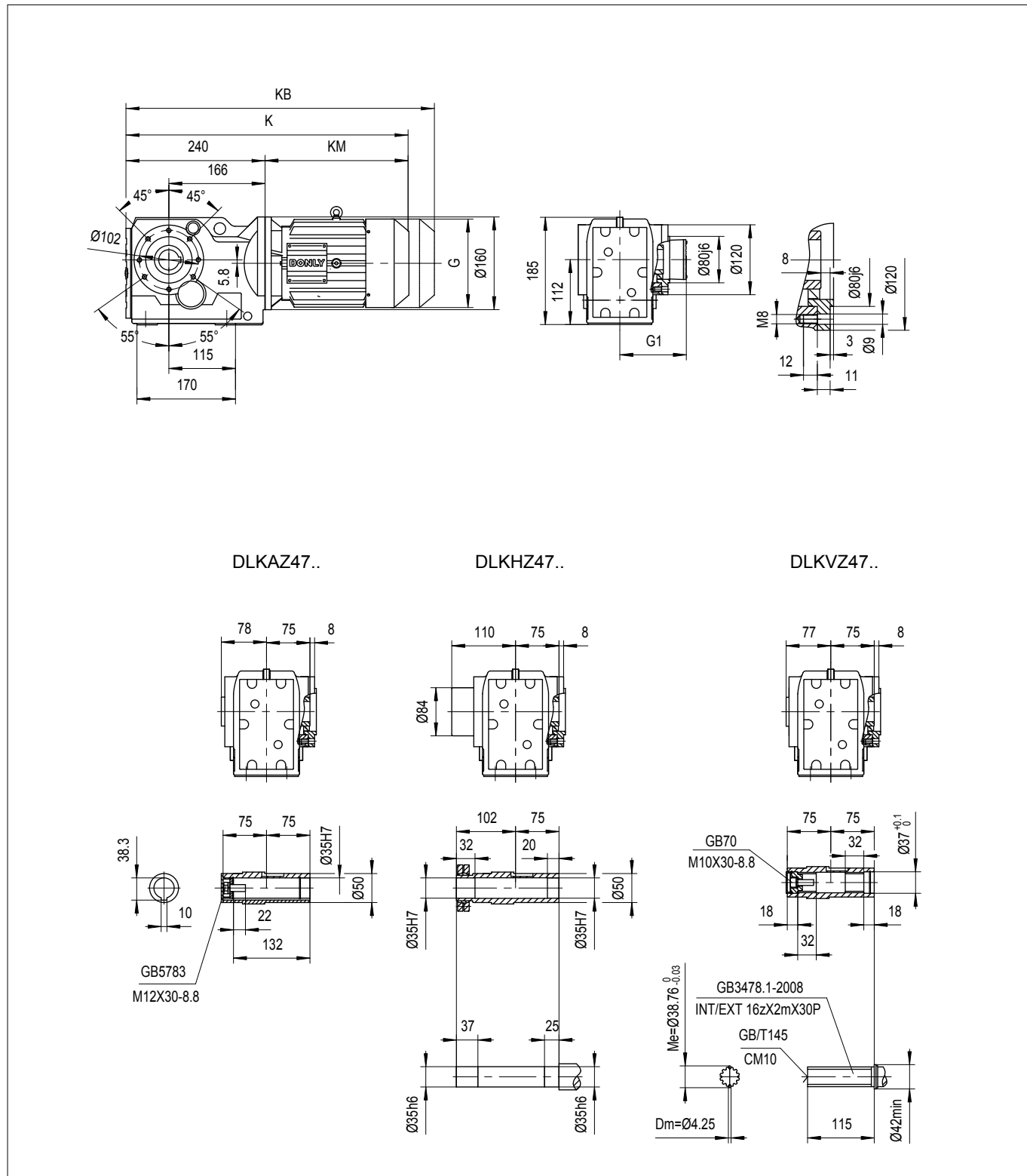
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	$\varnothing 150$	$\varnothing 150$	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	500	500	540	535	565	630
KB	565	565	615	605	645	710
KM (LB)	260	260	300	295	325	390

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



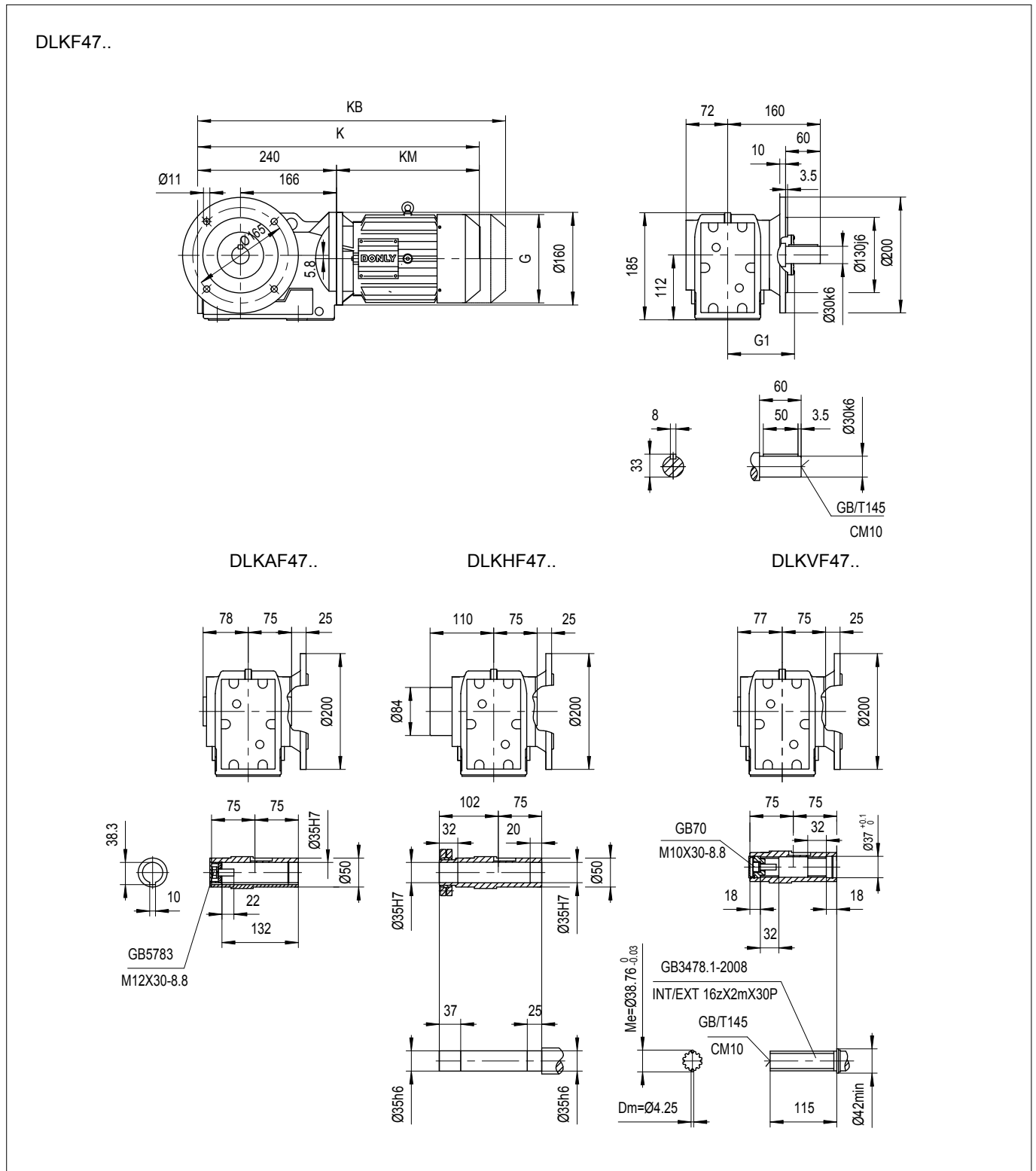
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	500	500	540	535	565	630
KB	565	565	615	605	645	710
KM (LB)	260	260	300	295	325	390

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



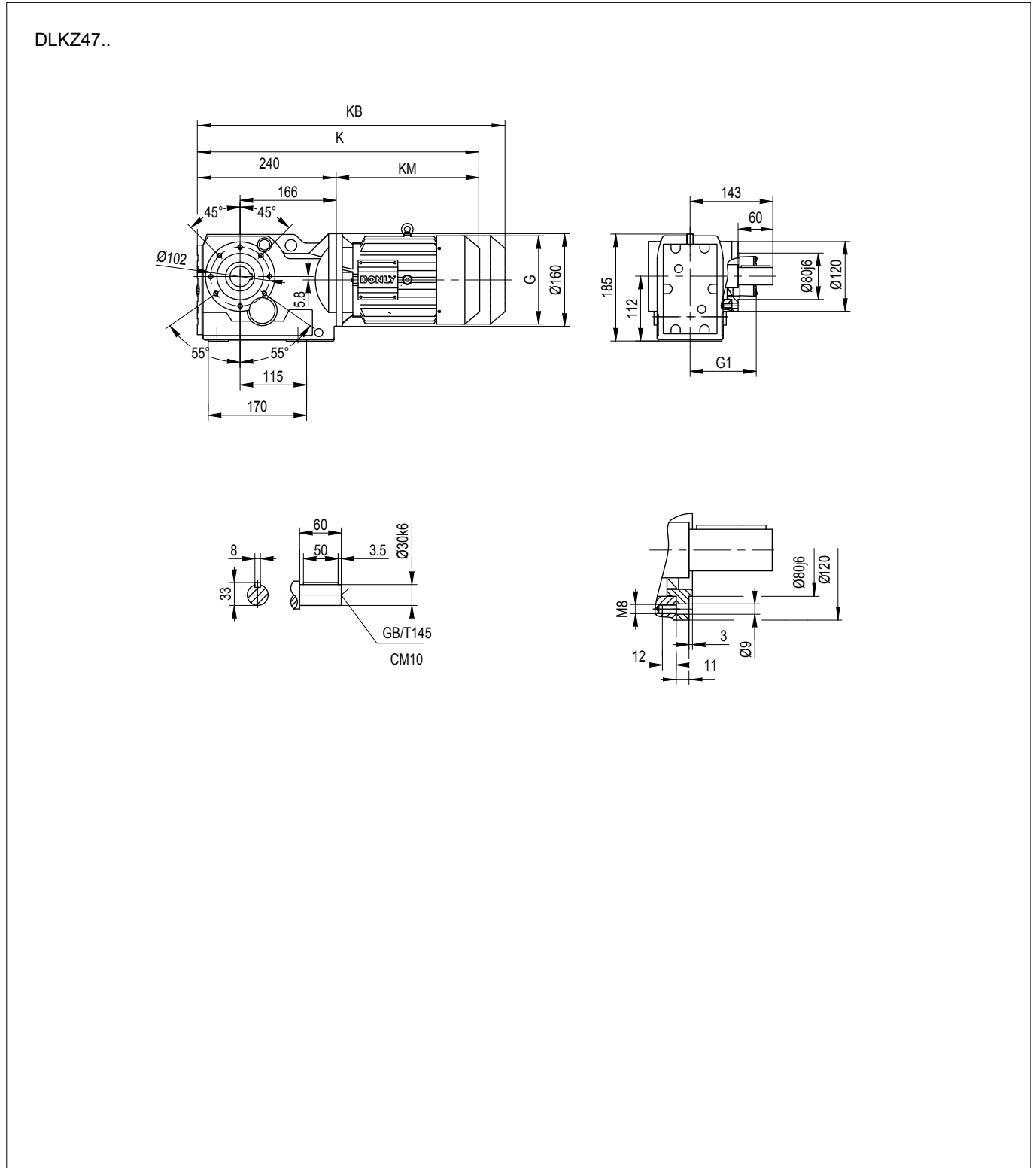
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	500	500	540	535	565	630
KB	565	565	615	605	645	710
KM (LB)	260	260	300	295	325	390

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



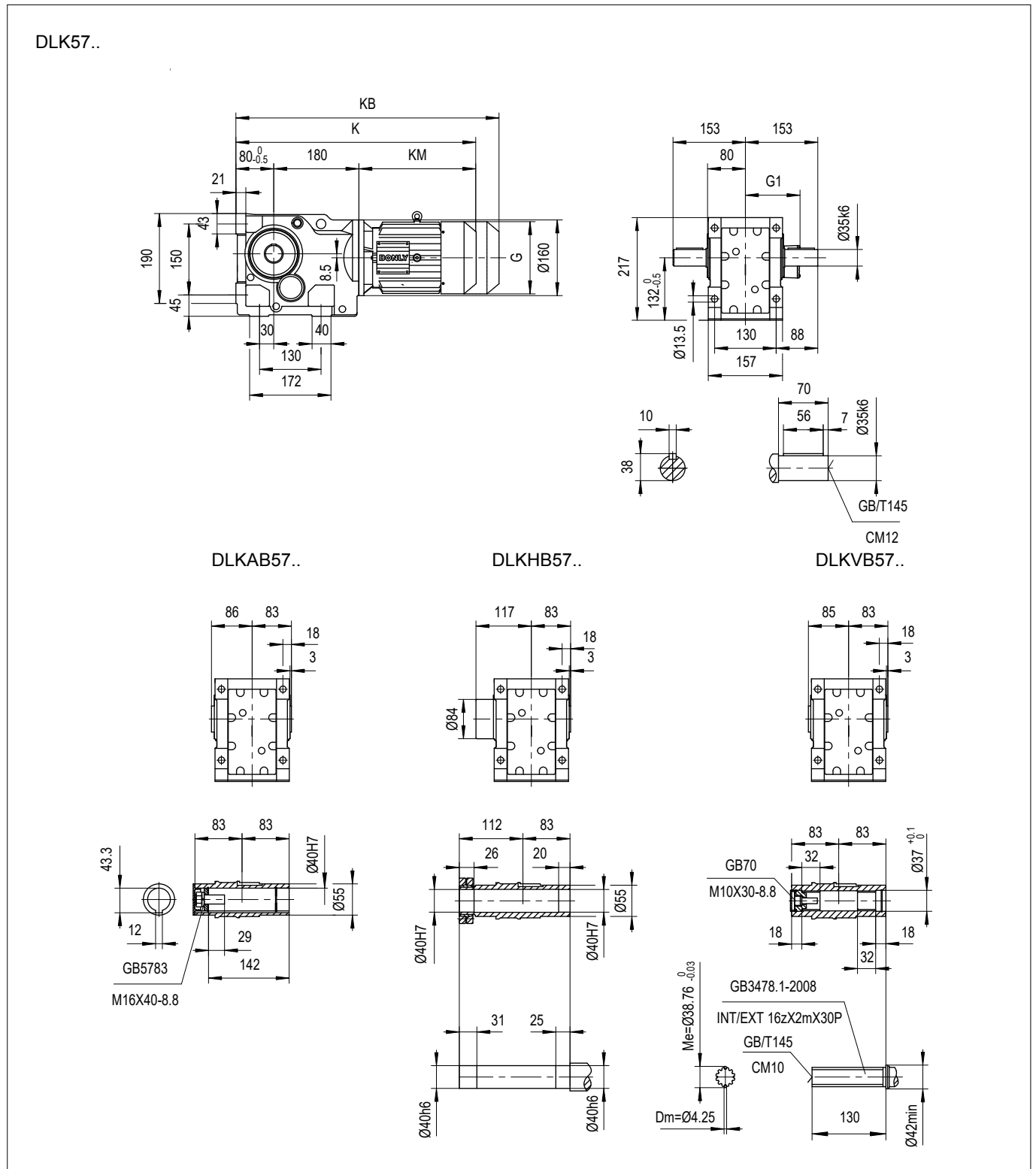
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100
G (AC)	$\Phi 150$	$\Phi 150$	150×150	170×170	170×170	191×191
G1 (AD)	130	130	145	155	155	165
K	500	500	540	535	565	630
KB	565	565	615	605	645	710
KM (LB)	260	260	300	295	325	390

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



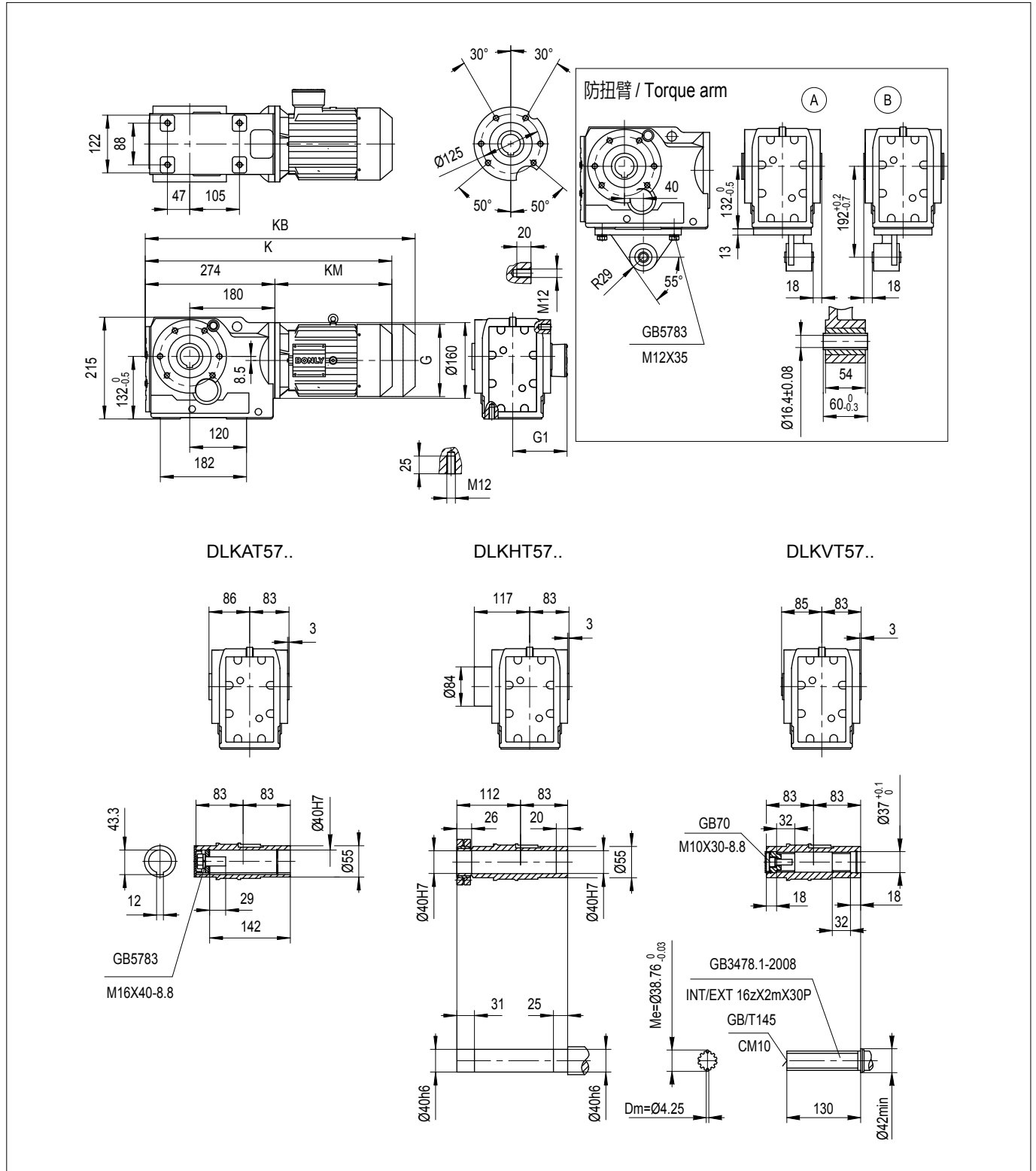
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191	215×215
G1 (AD)	130	130	145	155	155	165	175
K	520	520	560	555	585	650	675
KB	585	585	635	625	665	730	770
KM (LB)	260	260	300	295	325	390	415

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



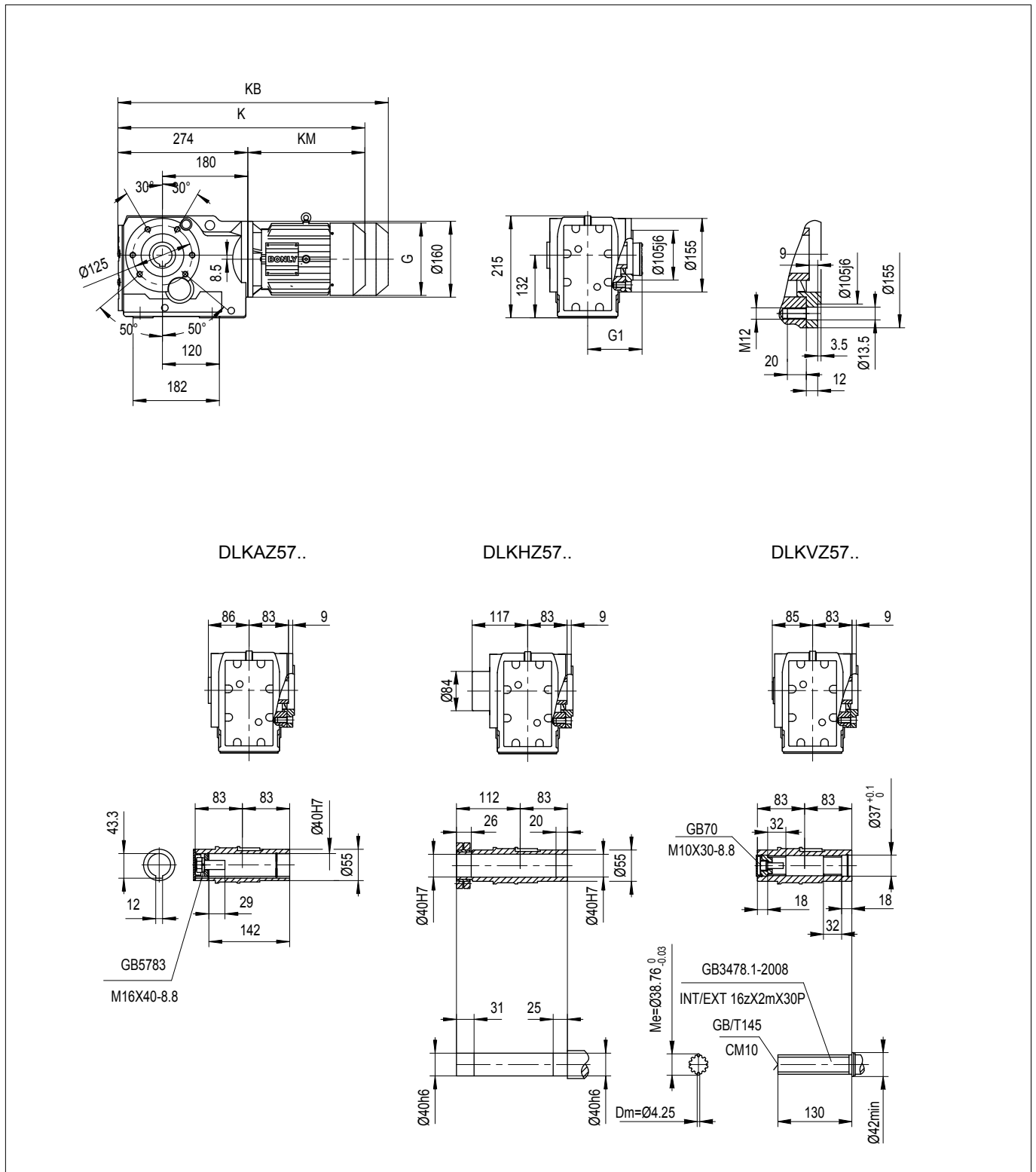
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191	215×215
G1 (AD)	130	130	145	155	155	165	175
K	534	534	574	569	599	664	689
KB	599	599	649	639	679	744	784
KM (LB)	260	260	300	295	325	390	415

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..garmotors



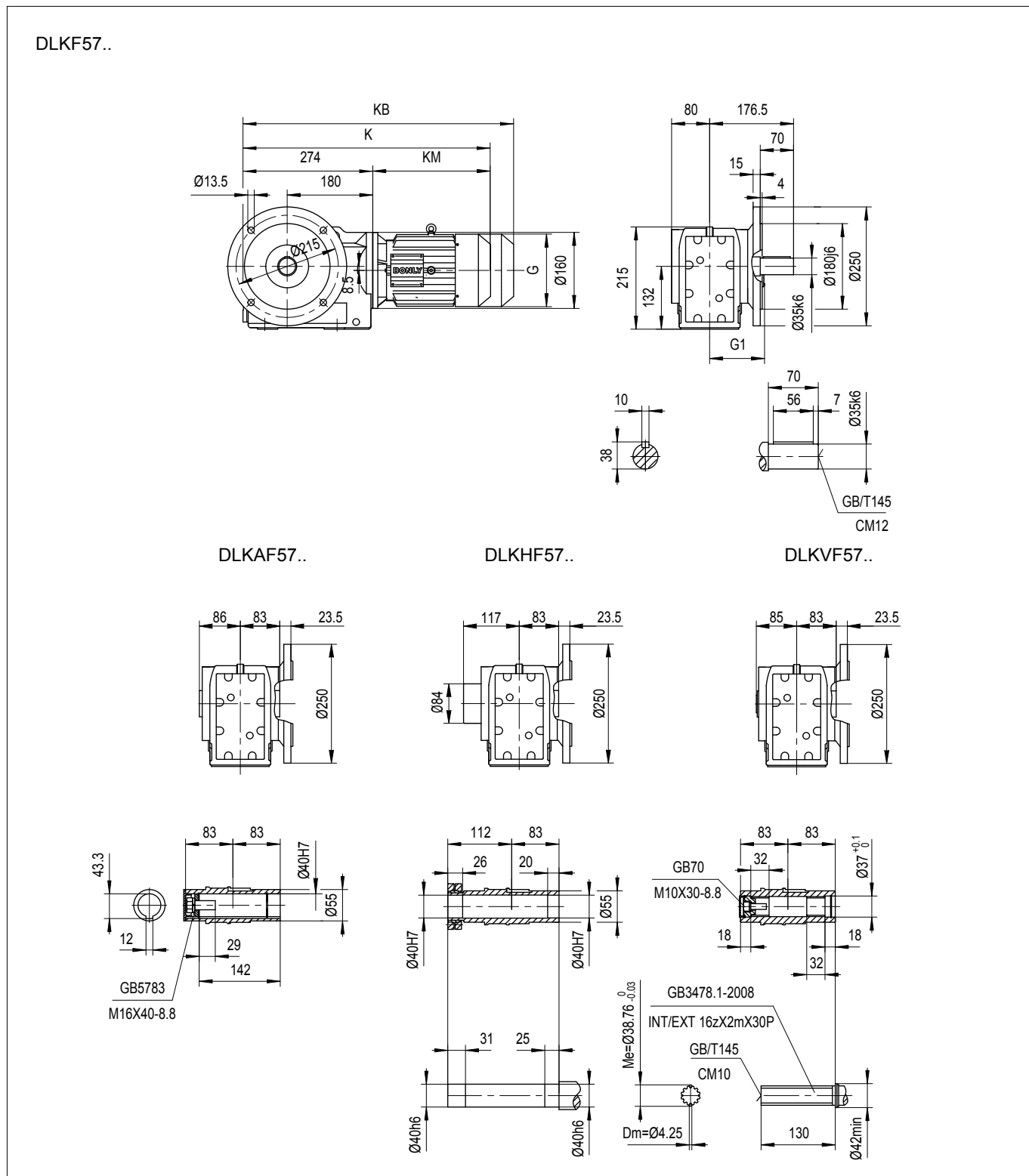
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M
G (AC)	$\Phi 150$	$\Phi 150$	150×150	170×170	170×170	191×191	215×215
G1 (AD)	130	130	145	155	155	165	175
K	534	534	574	569	599	664	689
KB	599	599	649	639	679	744	784
KM (LB)	260	260	300	295	325	390	415

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



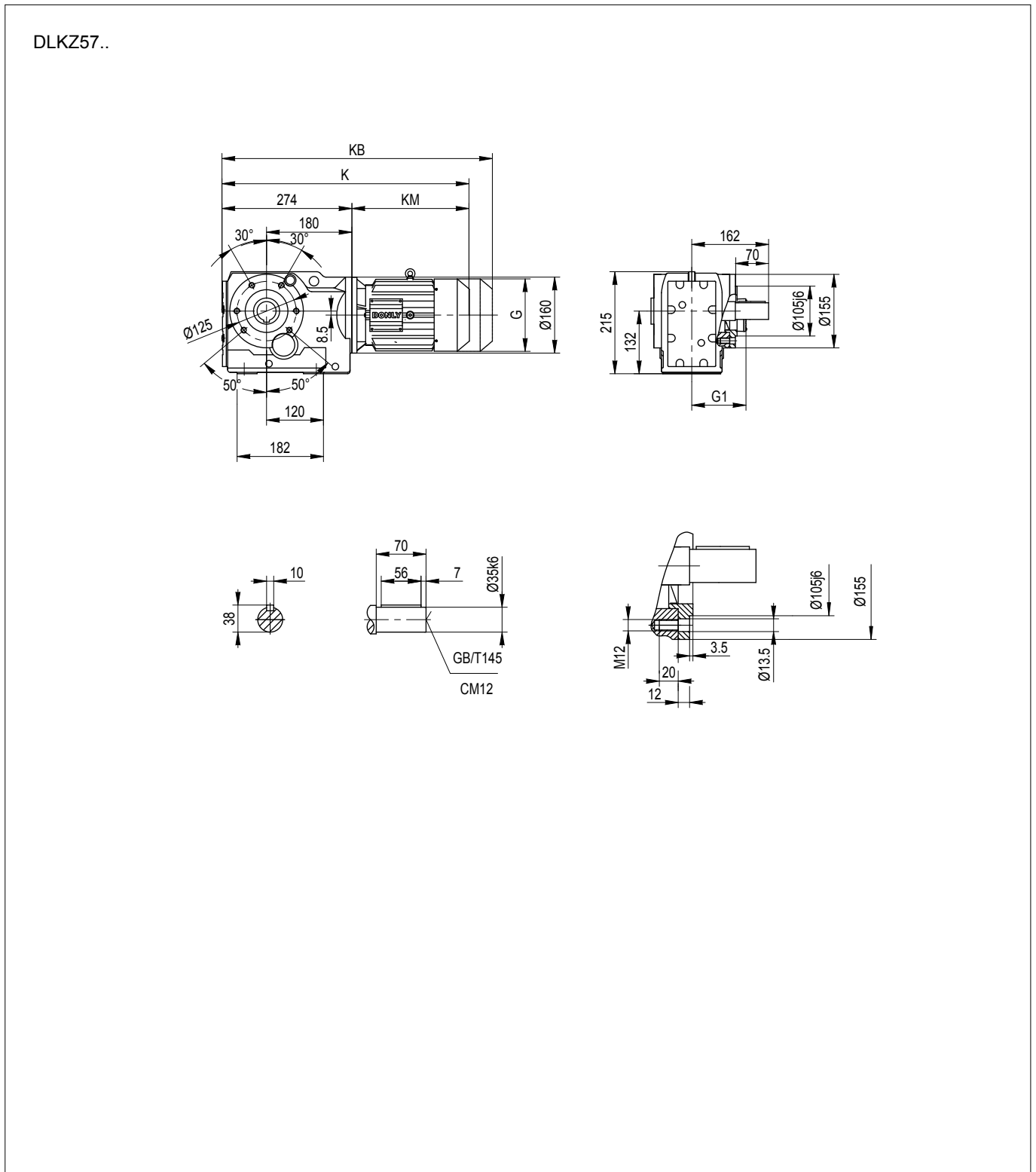
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191	215×215
G1 (AD)	130	130	145	155	155	165	175
K	534	534	574	569	599	664	689
KB	599	599	649	639	679	744	784
KM (LB)	260	260	300	295	325	390	415

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



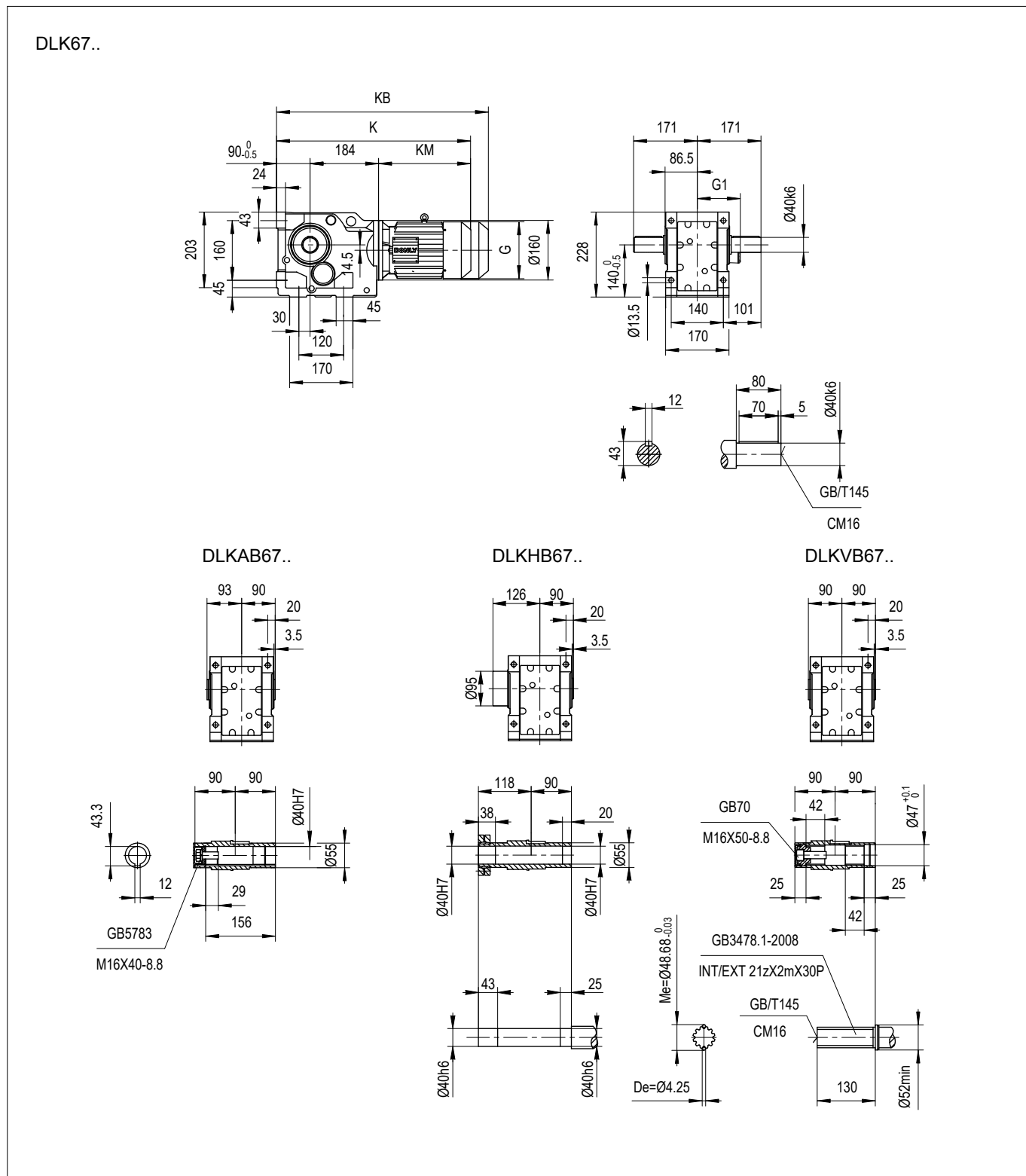
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191	215×215
G1 (AD)	130	130	145	155	155	165	175
K	534	534	574	569	599	664	689
KB	599	599	649	639	679	744	784
KM (LB)	260	260	300	295	325	390	415

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



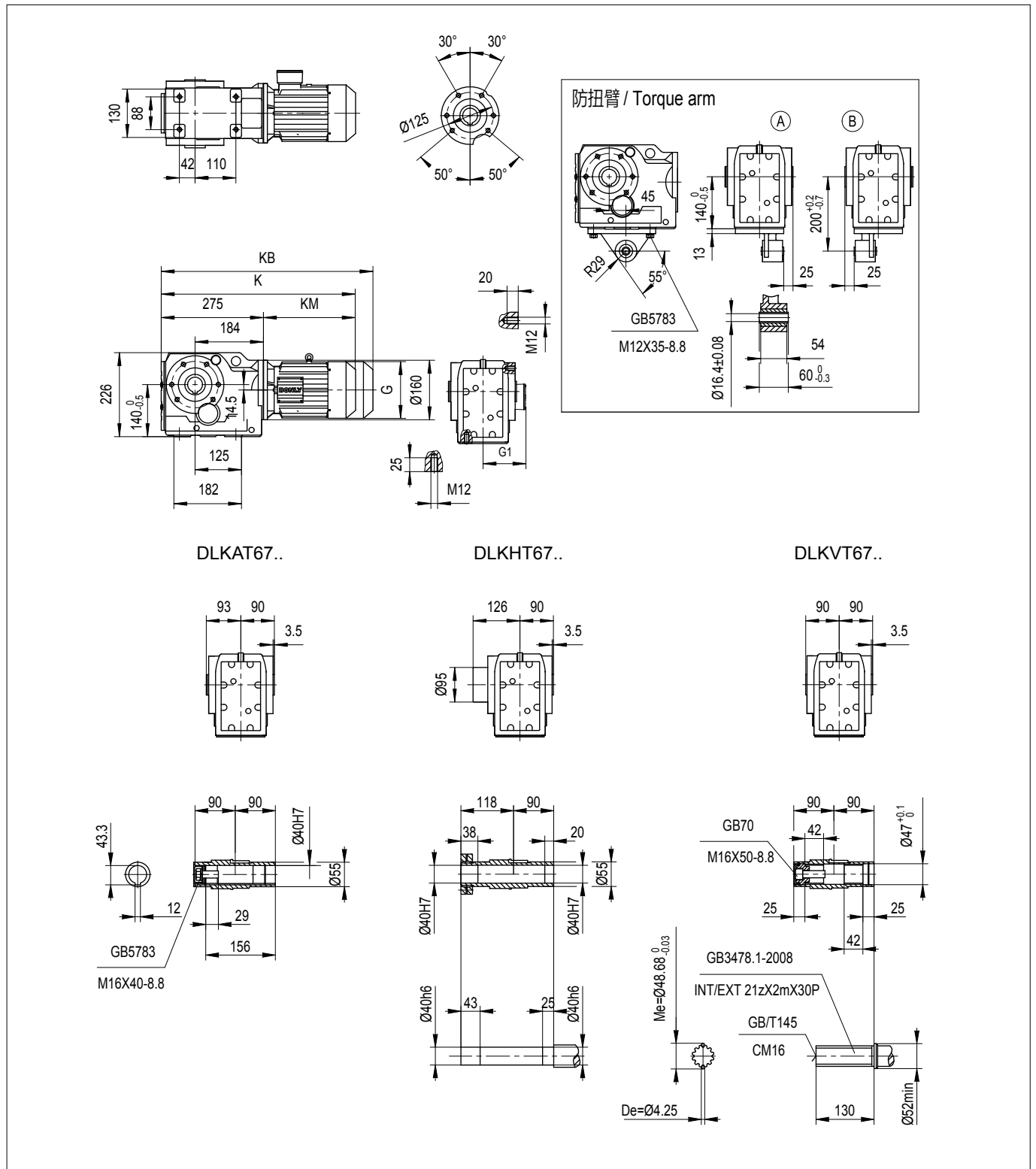
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191	215×215	255×255
G1 (AD)	130	130	145	155	155	165	175	195
K	534	534	574	569	599	664	689	764
KB	599	599	649	639	679	744	784	869
KM (LB)	260	260	300	295	325	390	415	490

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



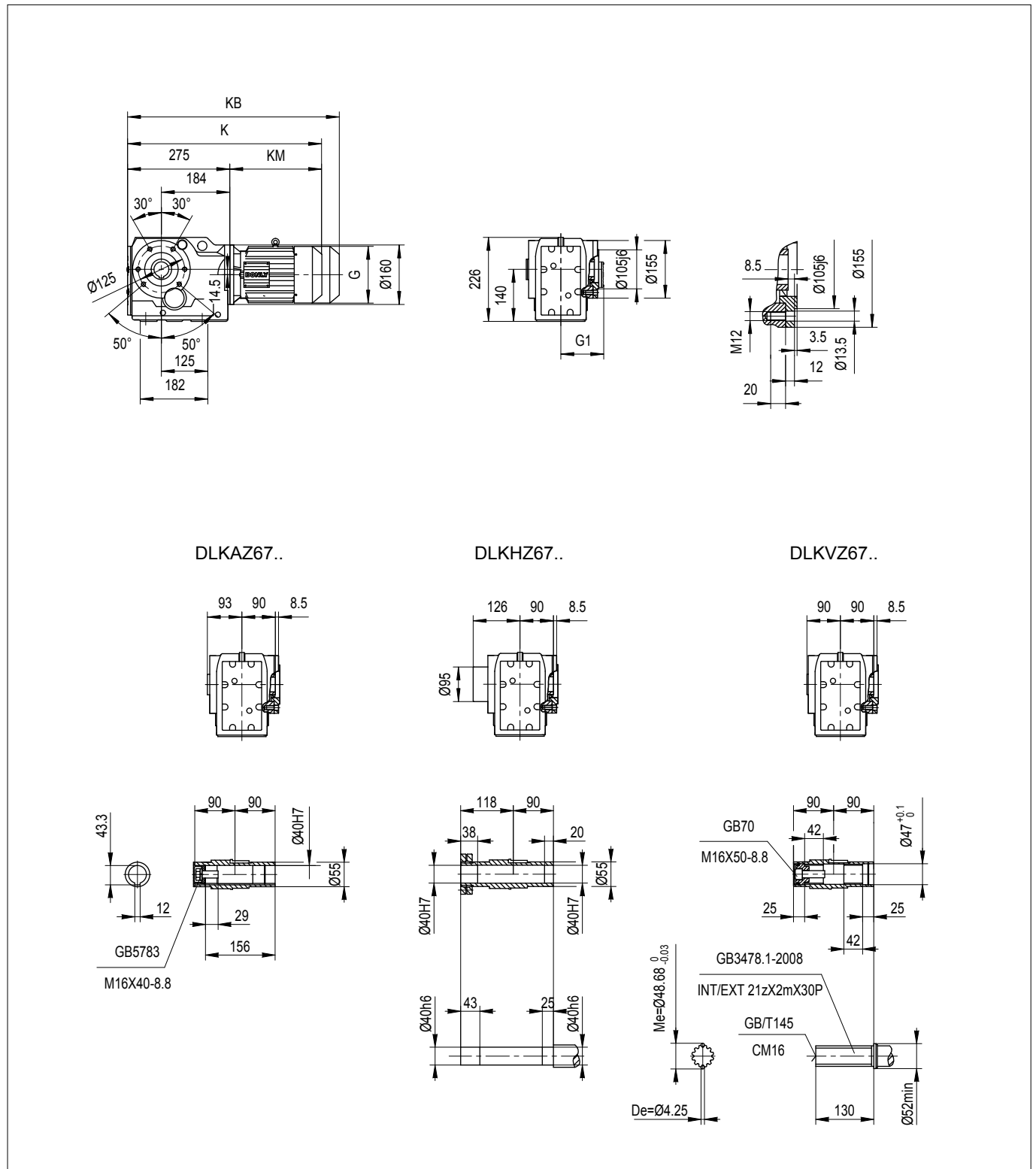
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191	215×215	255×255
G1 (AD)	130	130	145	155	155	165	175	195
K	535	535	575	570	600	665	690	765
KB	600	600	650	640	680	745	785	870
KM (LB)	260	260	300	295	325	390	415	490

注: KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



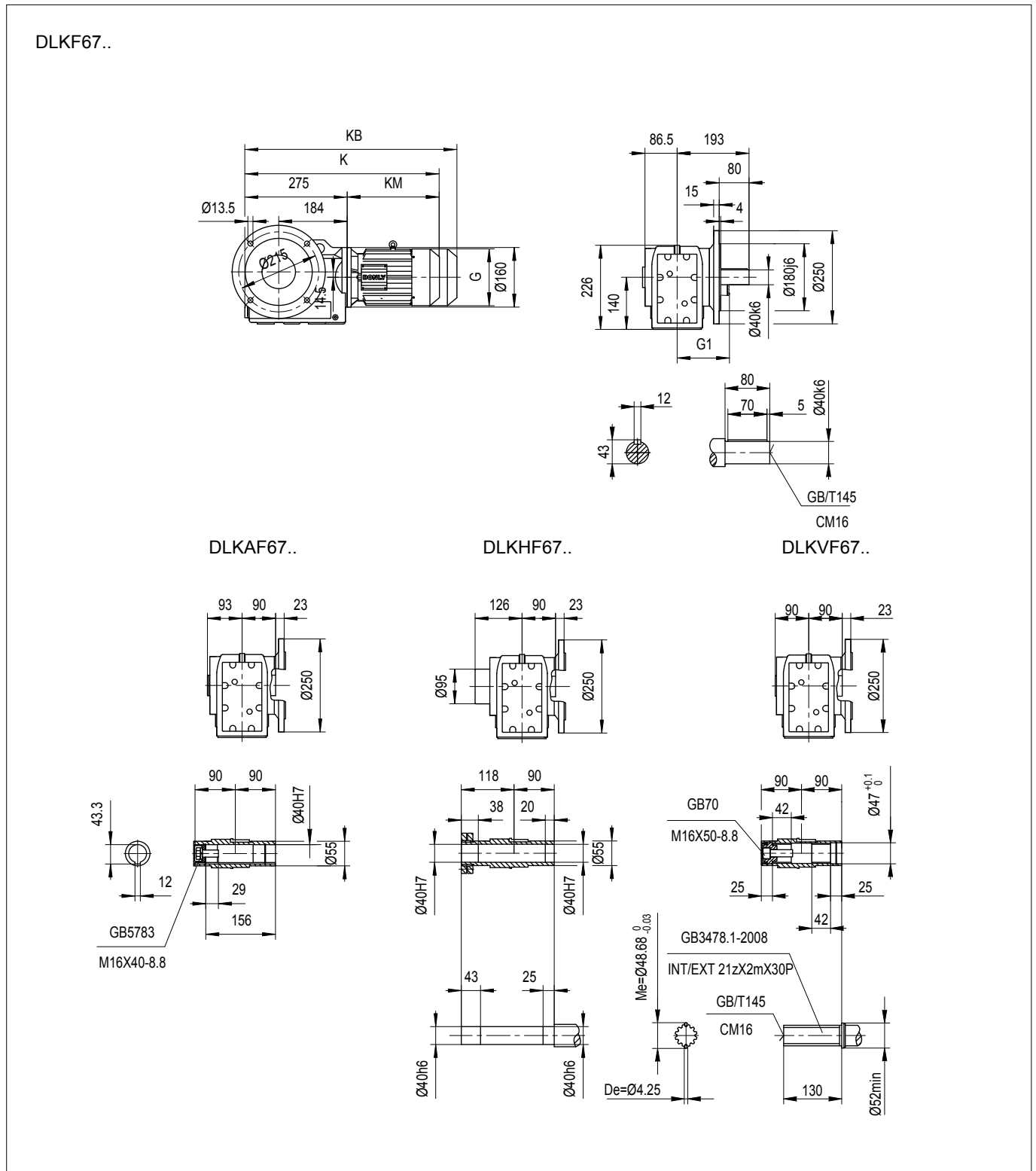
	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S
G (AC)	$\Phi 150$	$\Phi 150$	150×150	170×170	170×170	191×191	215×215	255×255
G1 (AD)	130	130	145	155	155	165	175	195
K	535	535	575	570	600	665	690	765
KB	600	600	650	640	680	745	785	870
KM (LB)	260	260	300	295	325	390	415	490

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191	215×215	255×255
G1 (AD)	130	130	145	155	155	165	175	195
K	535	535	575	570	600	665	690	765
KB	600	600	650	640	680	745	785	870
KM (LB)	260	260	300	295	325	390	415	490

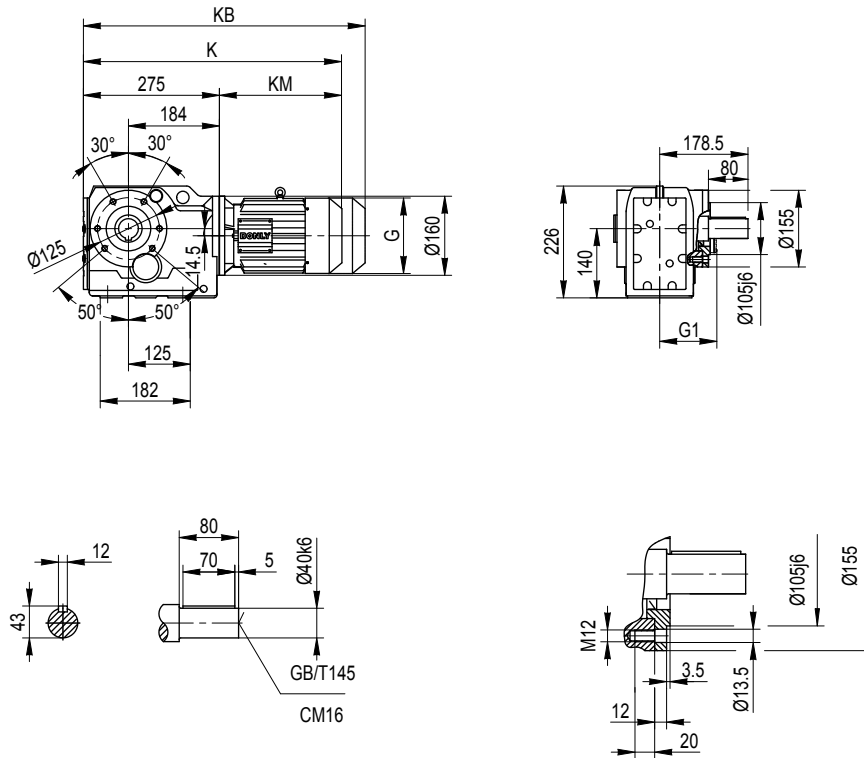
注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors

DLKZ67..



	DE3-63	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S
G (AC)	Φ150	Φ150	150×150	170×170	170×170	191×191	215×215	255×255
G1 (AD)	130	130	145	155	155	165	175	195
K	535	535	575	570	600	665	690	765
KB	600	600	650	640	680	745	785	870
KM (LB)	260	260	300	295	325	390	415	490

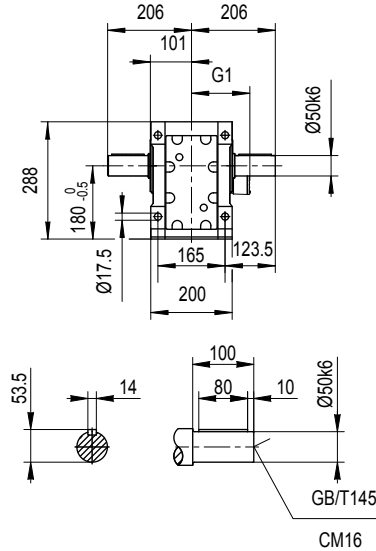
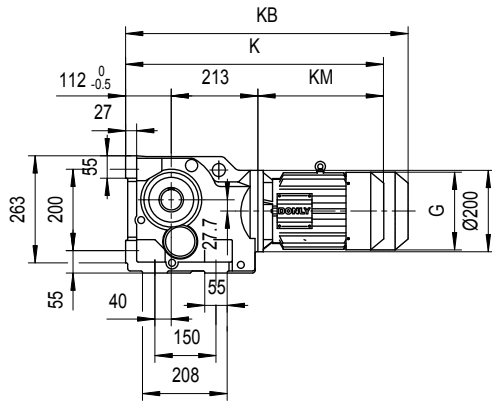
注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors

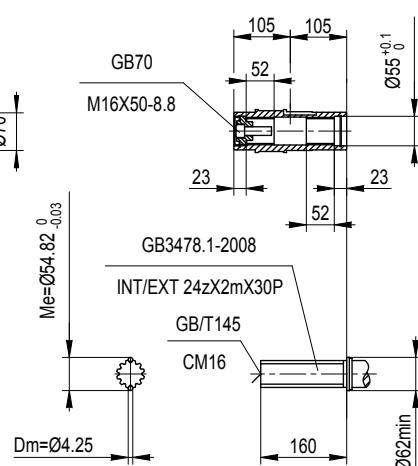
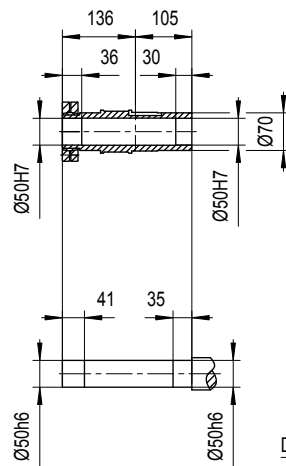
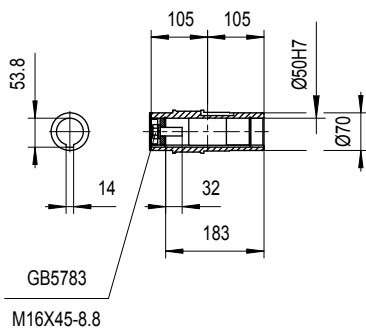
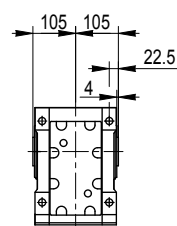
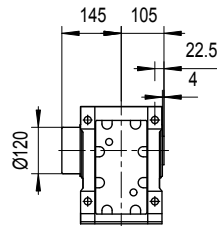
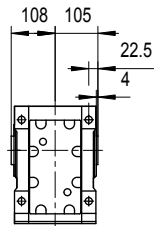
DLK77..



DLKAB77..

DLKHB77..

DLKVB77..



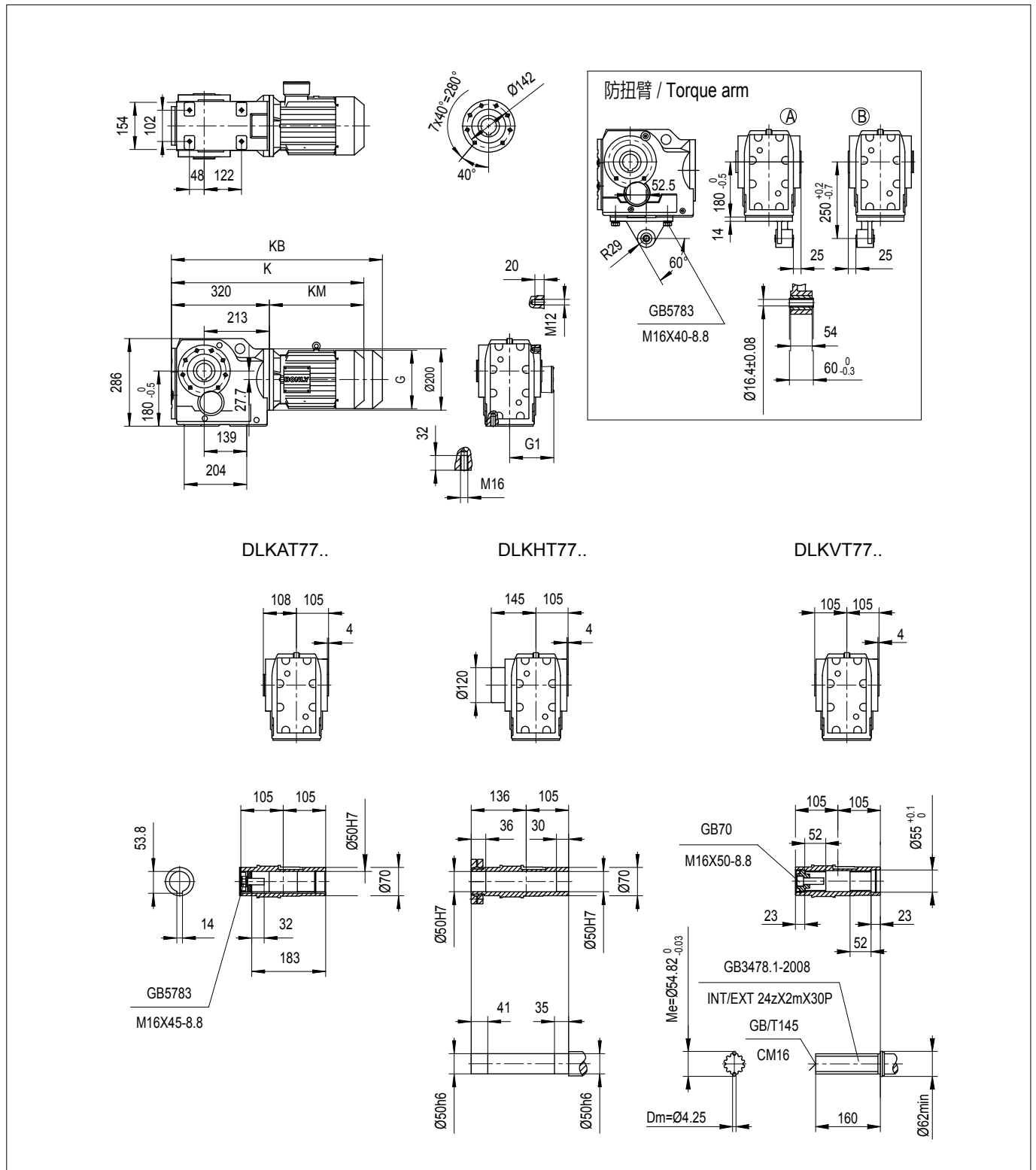
	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160
G (AC)	Φ150	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310
G1 (AD)	130	145	155	155	165	175	195	195	195	240
K	575	615	610	640	705	725	805	805	830	900
KB	640	690	680	720	785	820	910	910	935	1025
KM (LB)	250	290	285	315	380	400	480	480	505	575

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



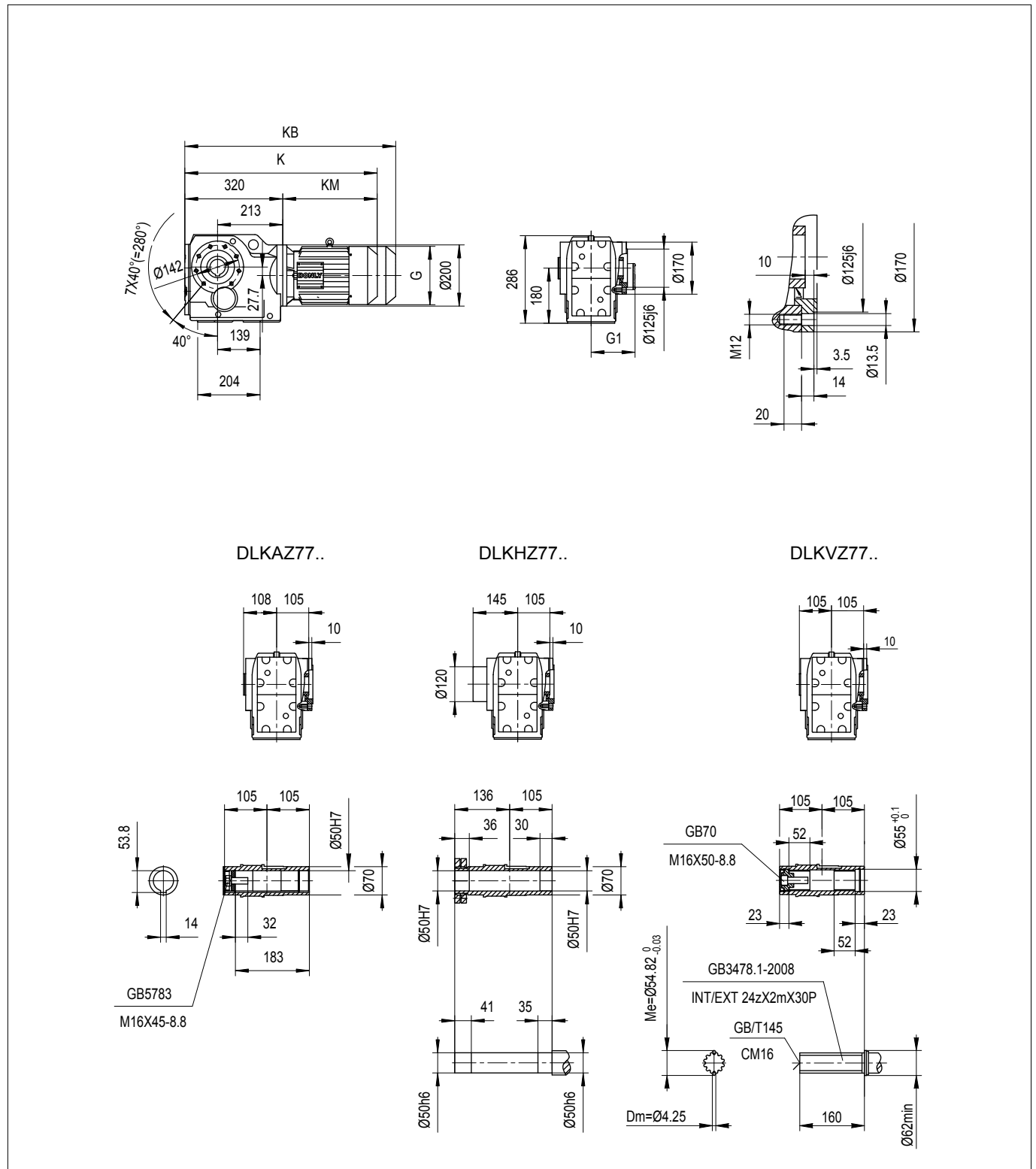
	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160
G (AC)	Φ150	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310
G1 (AD)	130	145	155	155	165	175	195	195	195	240
K	570	610	605	635	700	720	800	800	825	895
KB	635	685	675	715	780	815	905	905	930	1020
KM (LB)	250	290	285	315	380	400	480	480	505	575

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



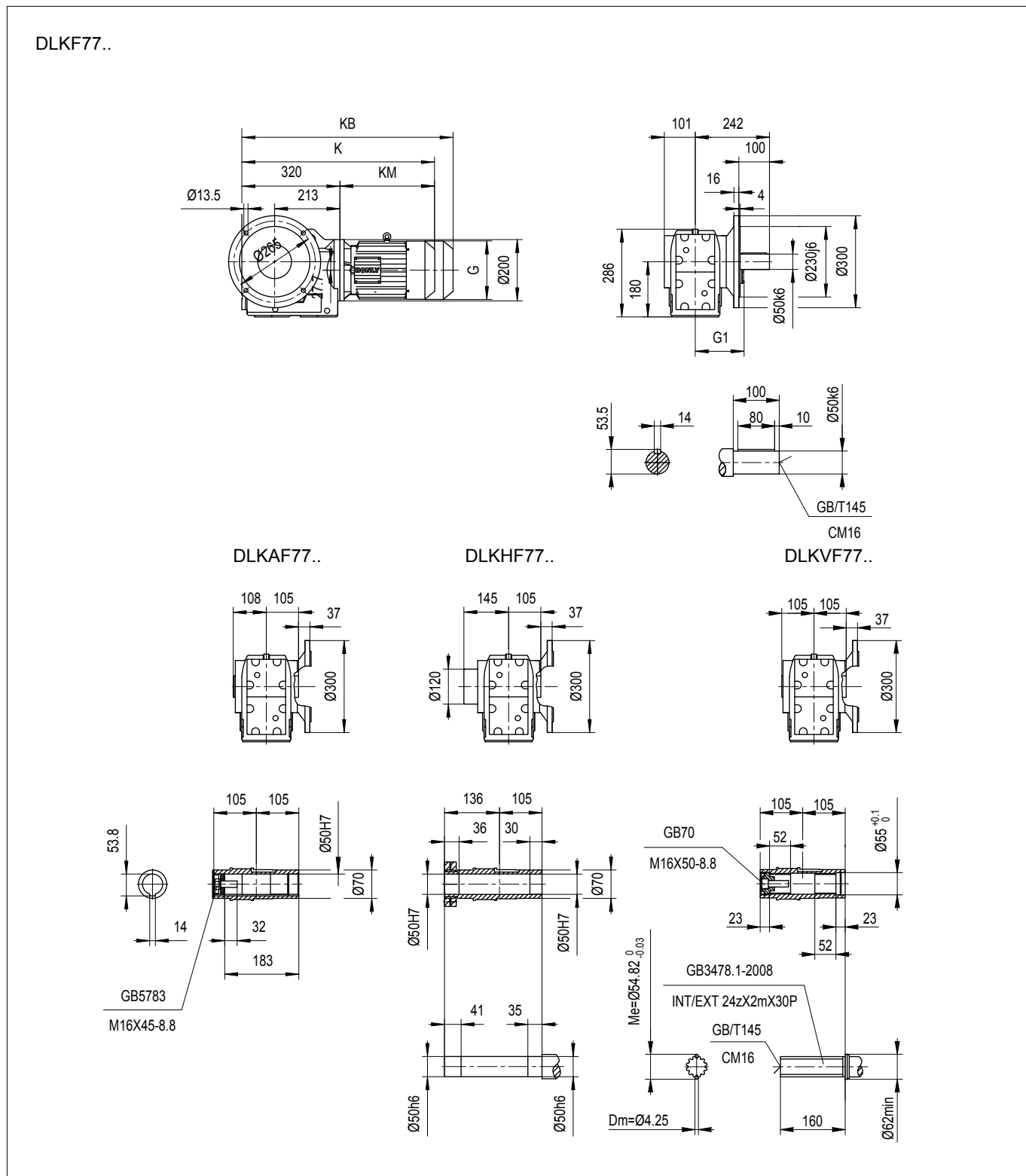
	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160
G (AC)	Φ150	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310
G1 (AD)	130	145	155	155	165	175	195	195	195	240
K	570	610	605	635	700	720	800	800	825	895
KB	635	685	675	715	780	815	905	905	930	1020
KM (LB)	250	290	285	315	380	400	480	480	505	575

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..garmotors



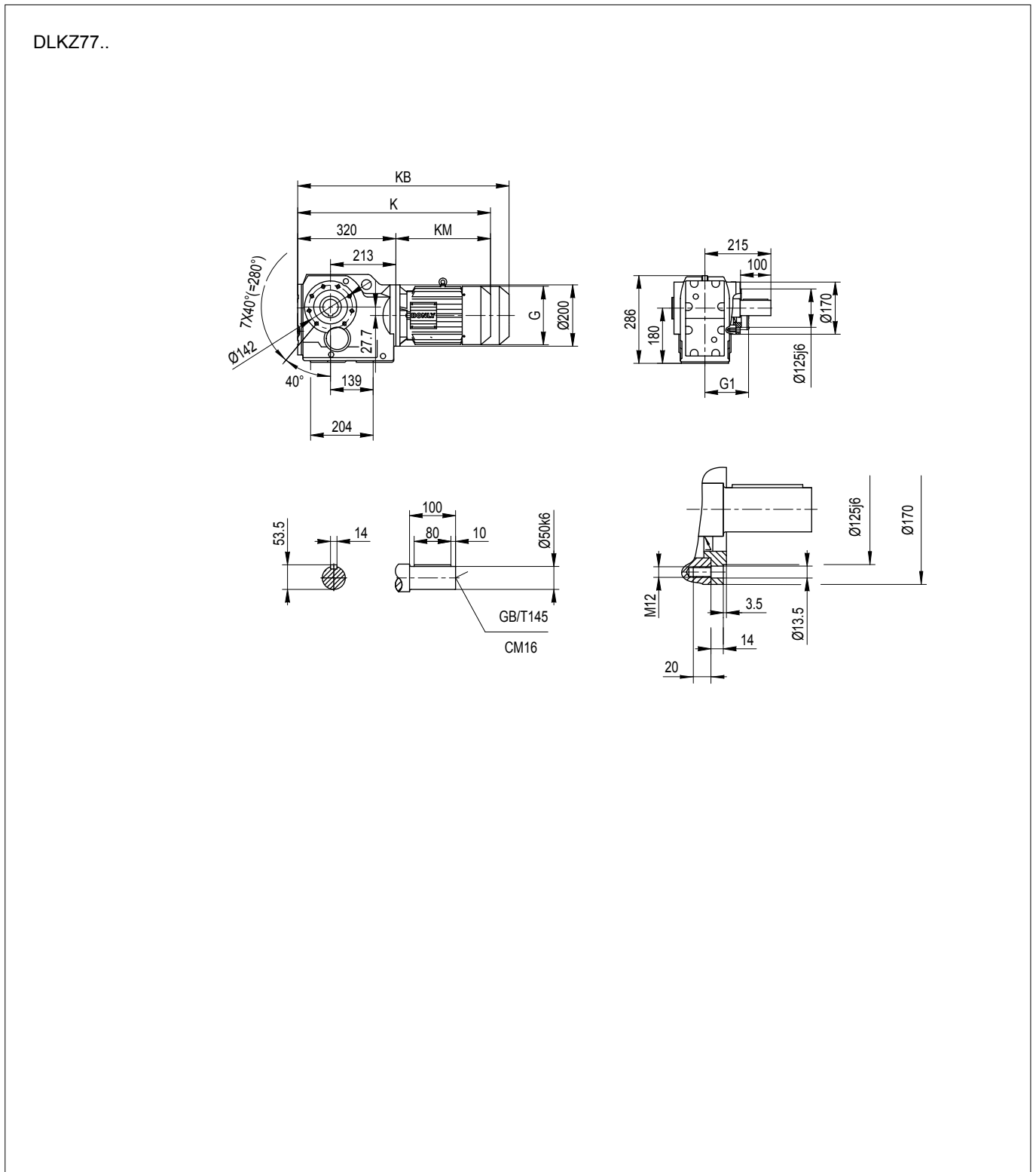
	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160
G (AC)	Φ150	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310
G1 (AD)	130	145	155	155	165	175	195	195	195	240
K	570	610	605	635	700	720	800	800	825	895
KB	635	685	675	715	780	815	905	905	930	1020
KM (LB)	250	290	285	315	380	400	480	480	505	575

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



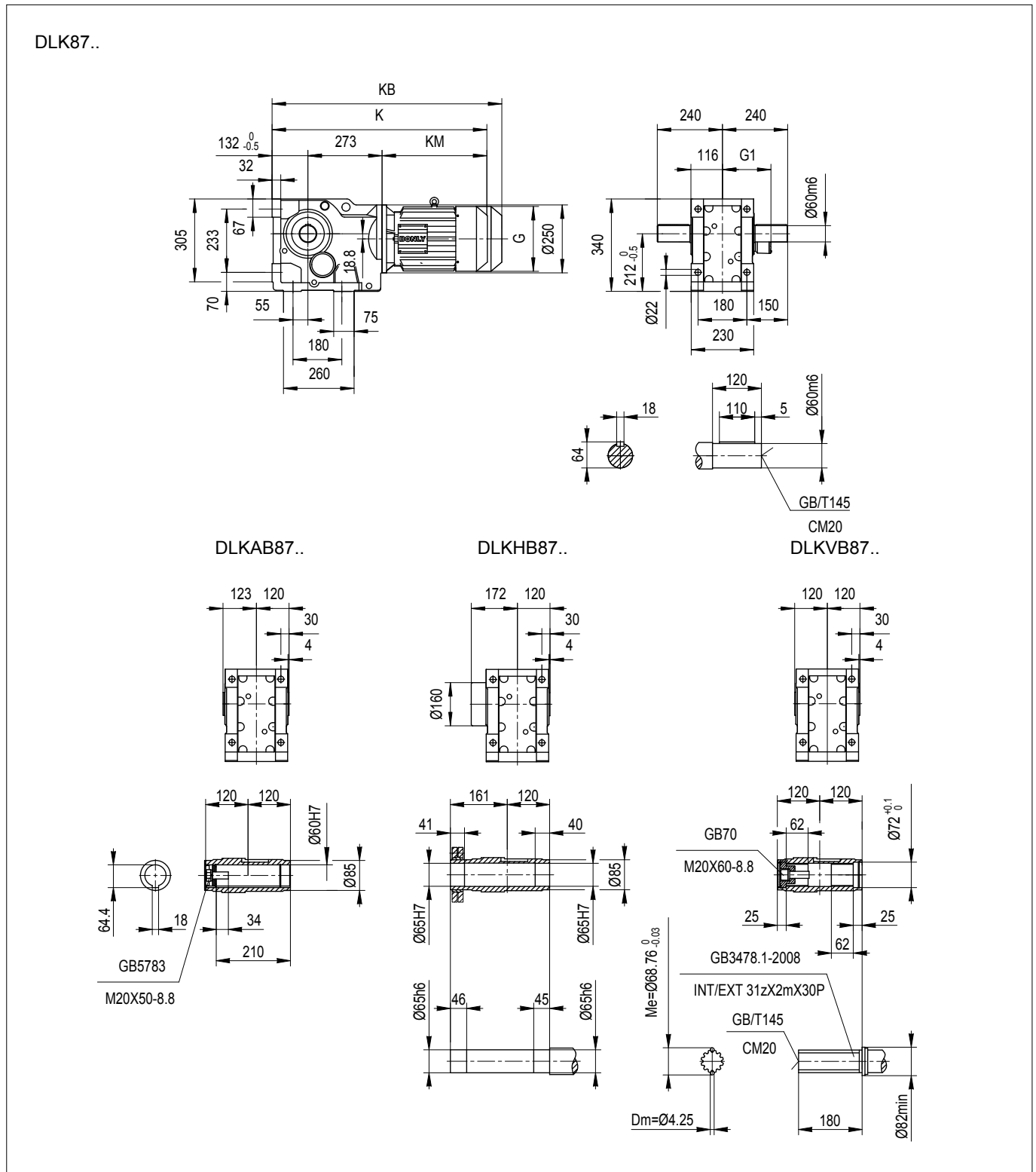
	DE3-71	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160
G (AC)	Φ150	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310
G1 (AD)	130	145	155	155	165	175	195	195	195	240
K	570	610	605	635	700	720	800	800	825	895
KB	635	685	675	715	780	815	905	905	930	1020
KM (LB)	250	290	285	315	380	400	480	480	505	575

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



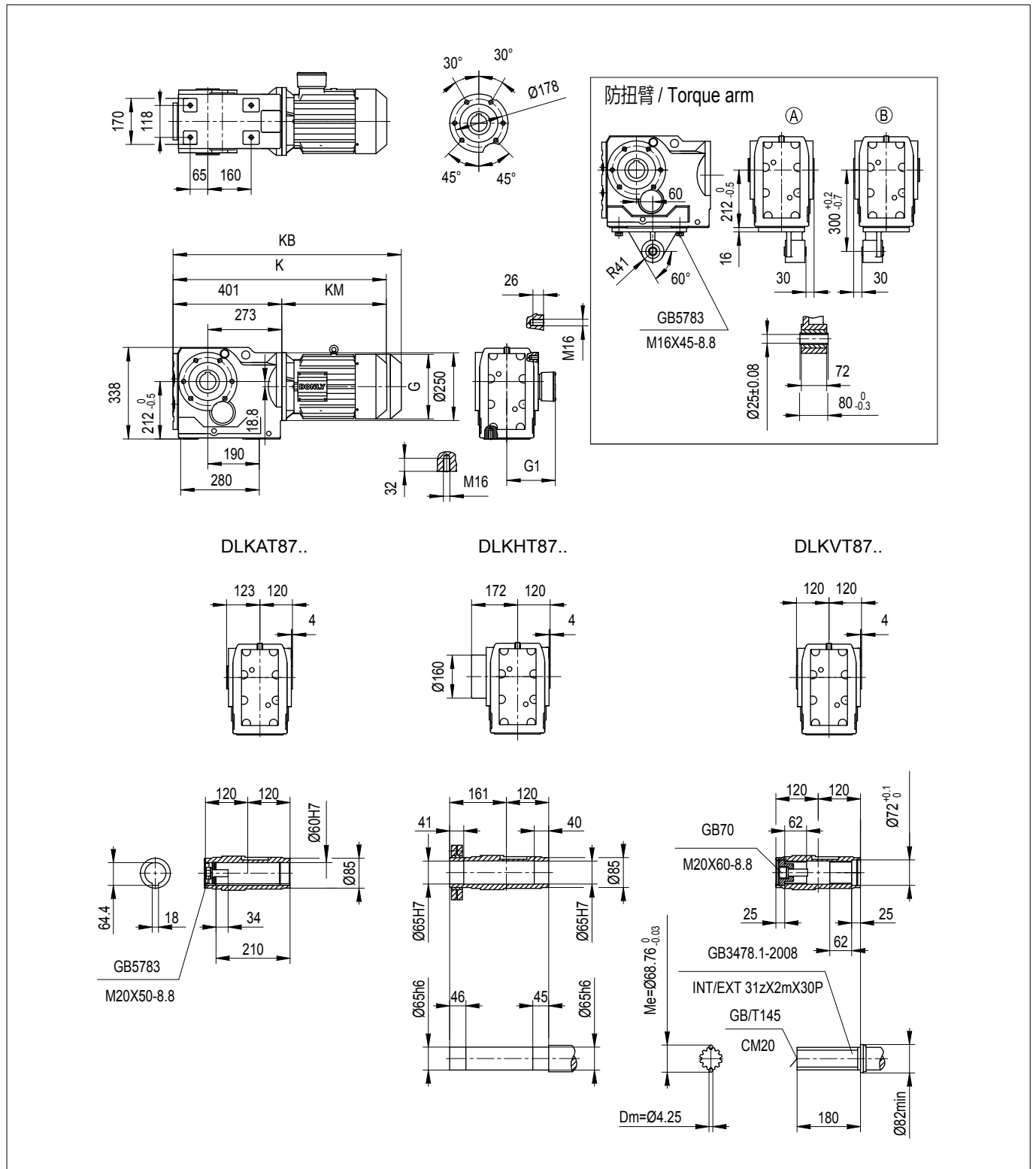
	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180
G (AC)	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348
G1 (AD)	145	155	155	165	175	195	195	195	240	260
K	690	690	720	780	805	880	880	905	970	1020
KB	765	760	800	860	900	985	985	1010	1095	1155
KM (LB)	285	285	315	375	400	475	475	500	565	615

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



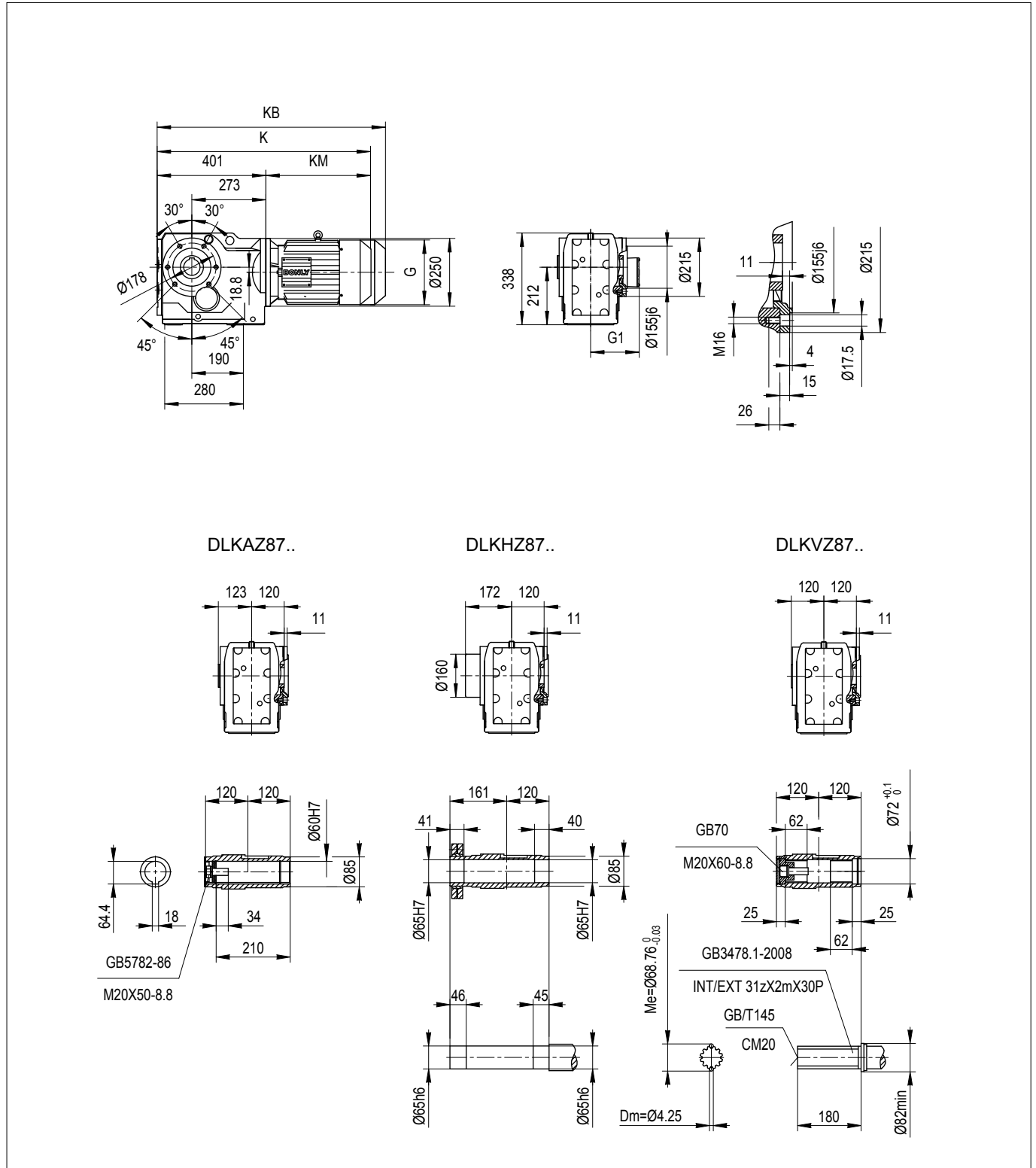
	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180
G (AC)	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348
G1 (AD)	145	155	155	165	175	195	195	195	240	260
K	686	686	716	776	801	876	876	901	966	1016
KB	761	756	796	856	896	981	981	1006	1091	1151
KM (LB)	285	285	315	375	400	475	475	500	565	615

注: KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..garmotors



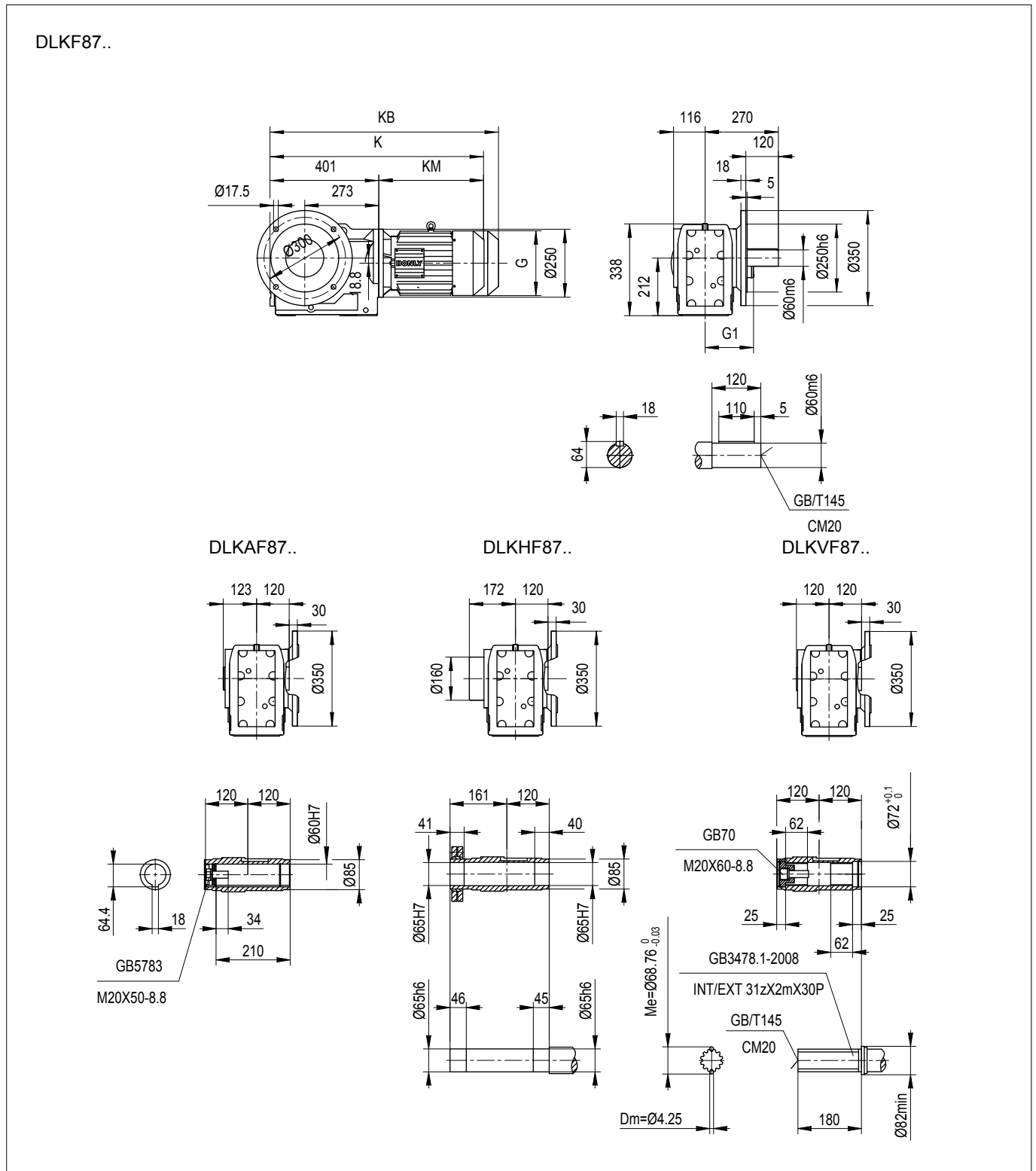
	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180
G (AC)	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348
G1 (AD)	145	155	155	165	175	195	195	195	240	260
K	686	686	716	776	801	876	876	901	966	1016
KB	761	756	796	856	896	981	981	1006	1091	1151
KM (LB)	285	285	315	375	400	475	475	500	565	615

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



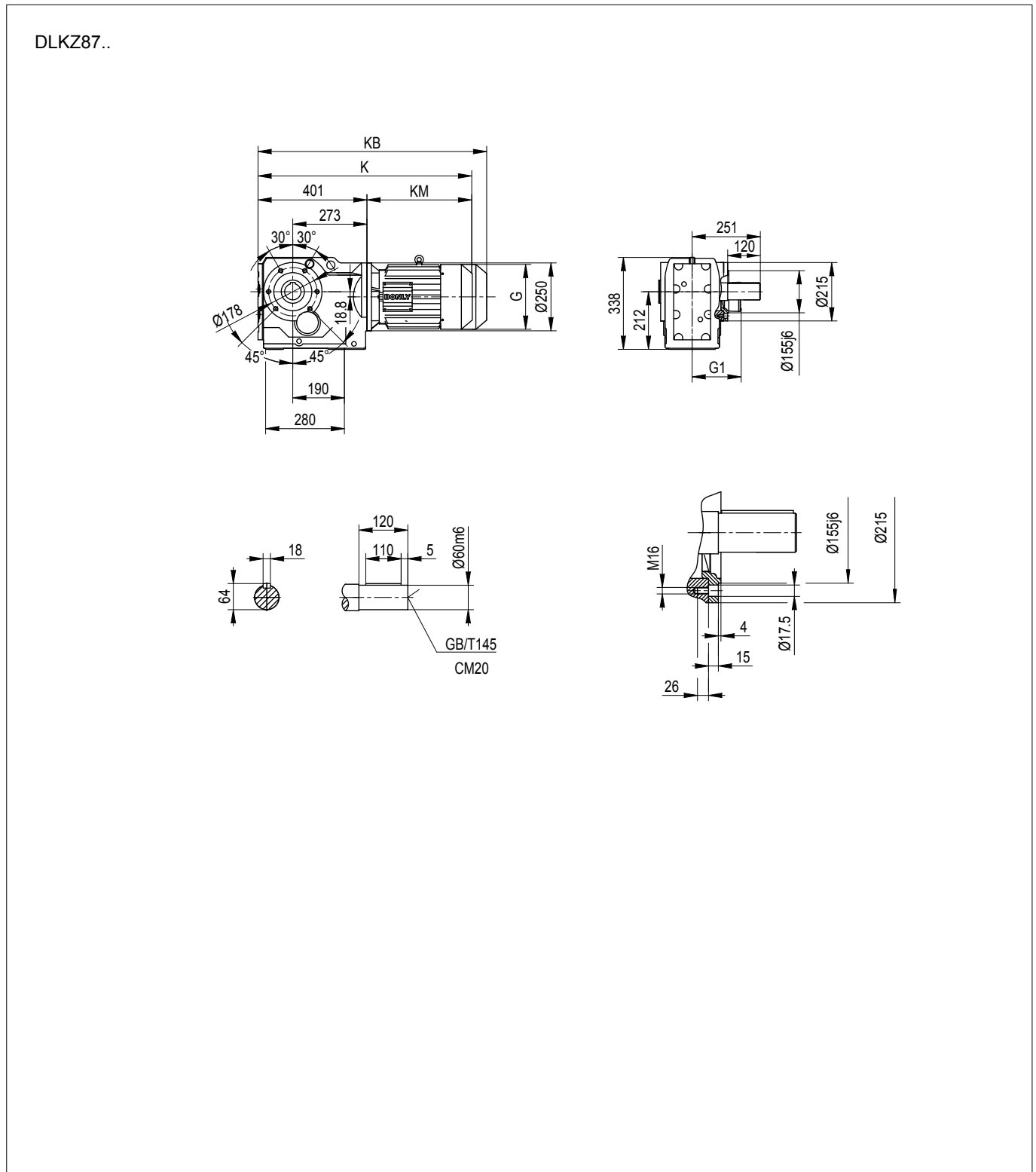
	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180
G (AC)	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348
G1 (AD)	145	155	155	165	175	195	195	195	240	260
K	686	686	716	776	801	876	876	901	966	1016
KB	761	756	796	856	896	981	981	1006	1091	1151
KM (LB)	285	285	315	375	400	475	475	500	565	615

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



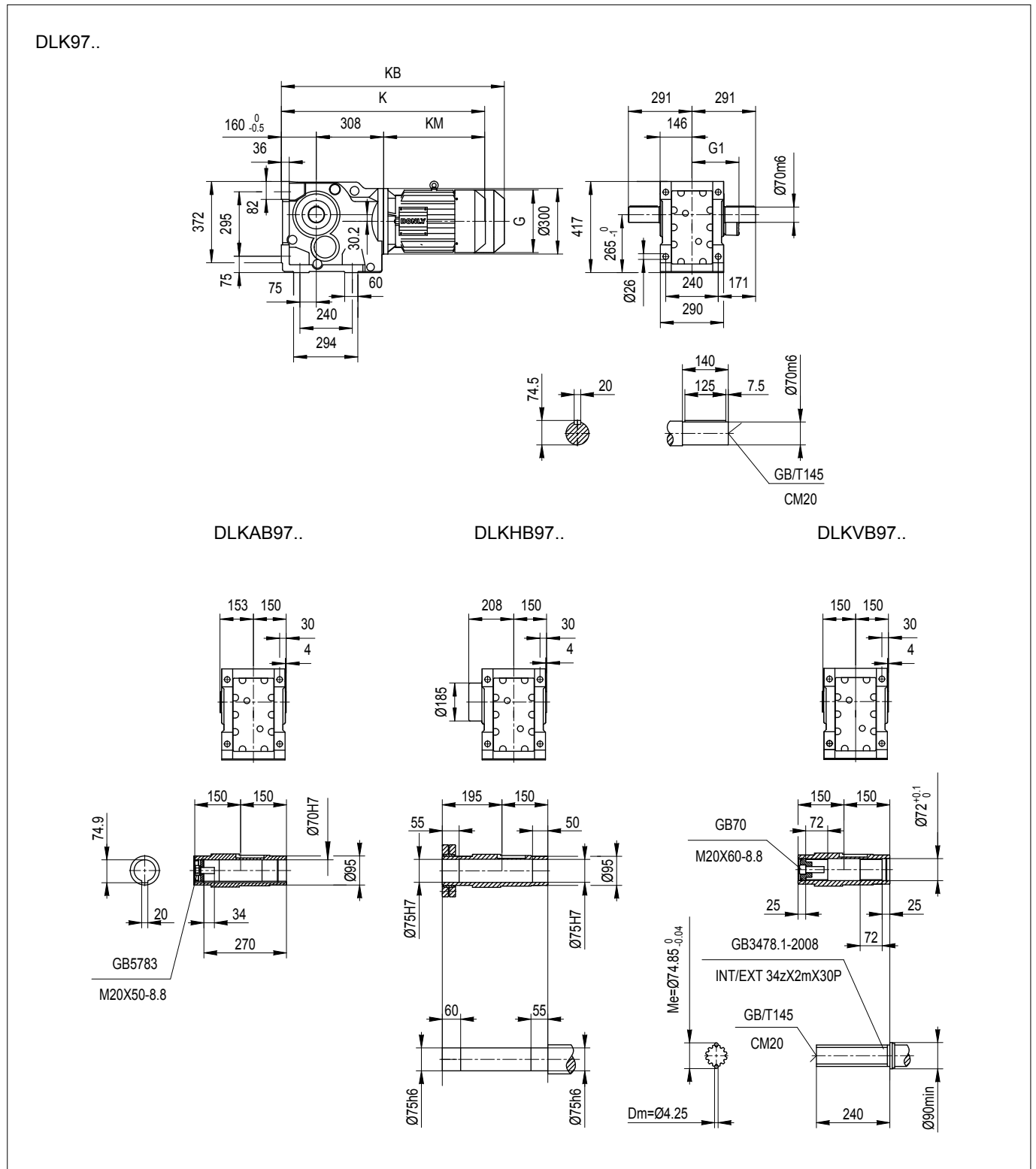
	DE3-80	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180
G (AC)	150×150	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348
G1 (AD)	145	155	155	165	175	195	195	195	240	260
K	686	686	716	776	801	876	876	901	966	1016
KB	761	756	796	856	896	981	981	1006	1091	1151
KM (LB)	285	285	315	375	400	475	475	500	565	615

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



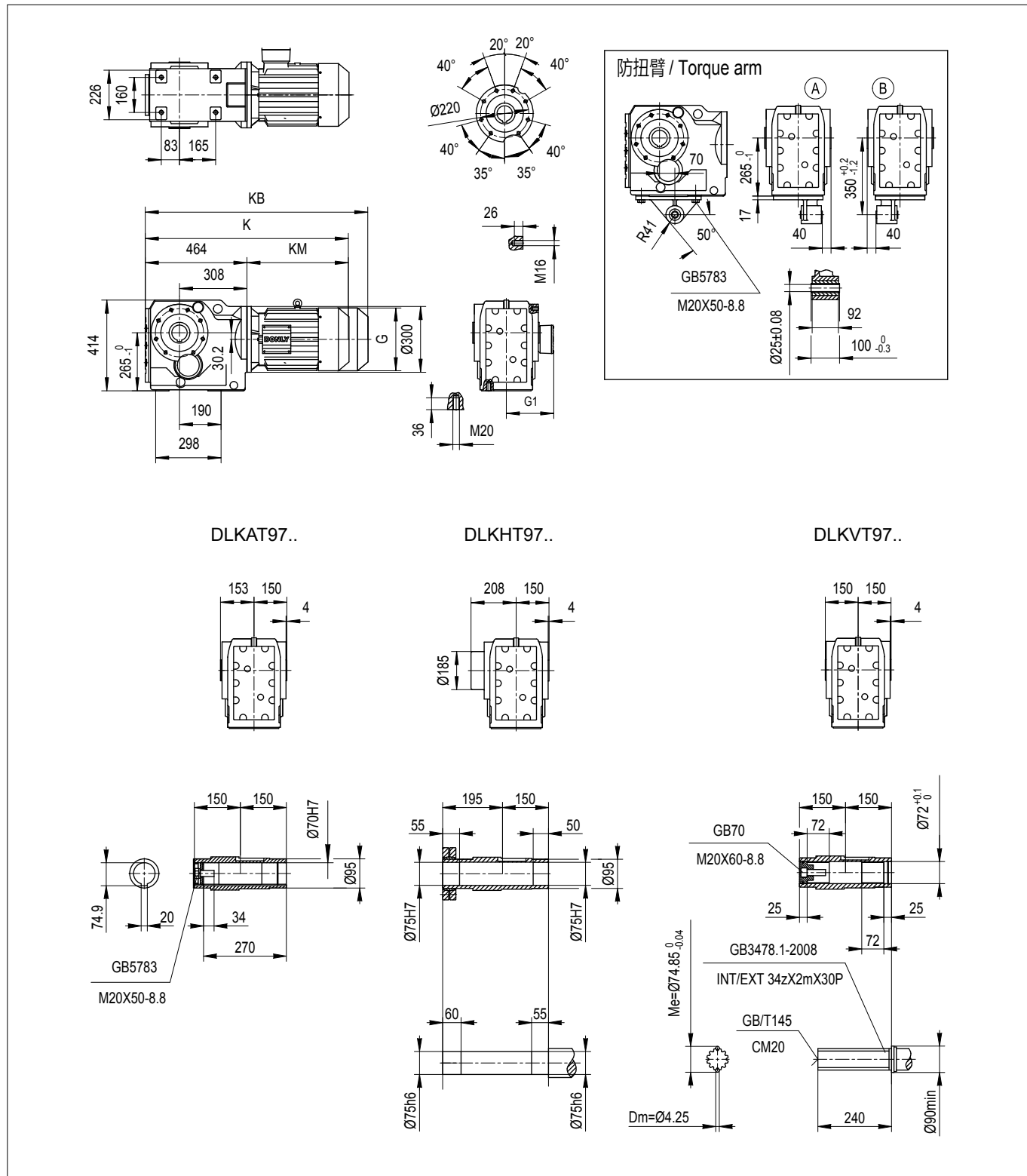
	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200
G (AC)	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348	Φ420
G1 (AD)	155	155	165	175	195	195	195	240	260	305
K	743	773	833	858	933	933	958	1028	1073	1158
KB	813	853	913	953	1038	1038	1063	1153	1208	1338
KM (LB)	275	305	365	390	465	465	490	560	605	690

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



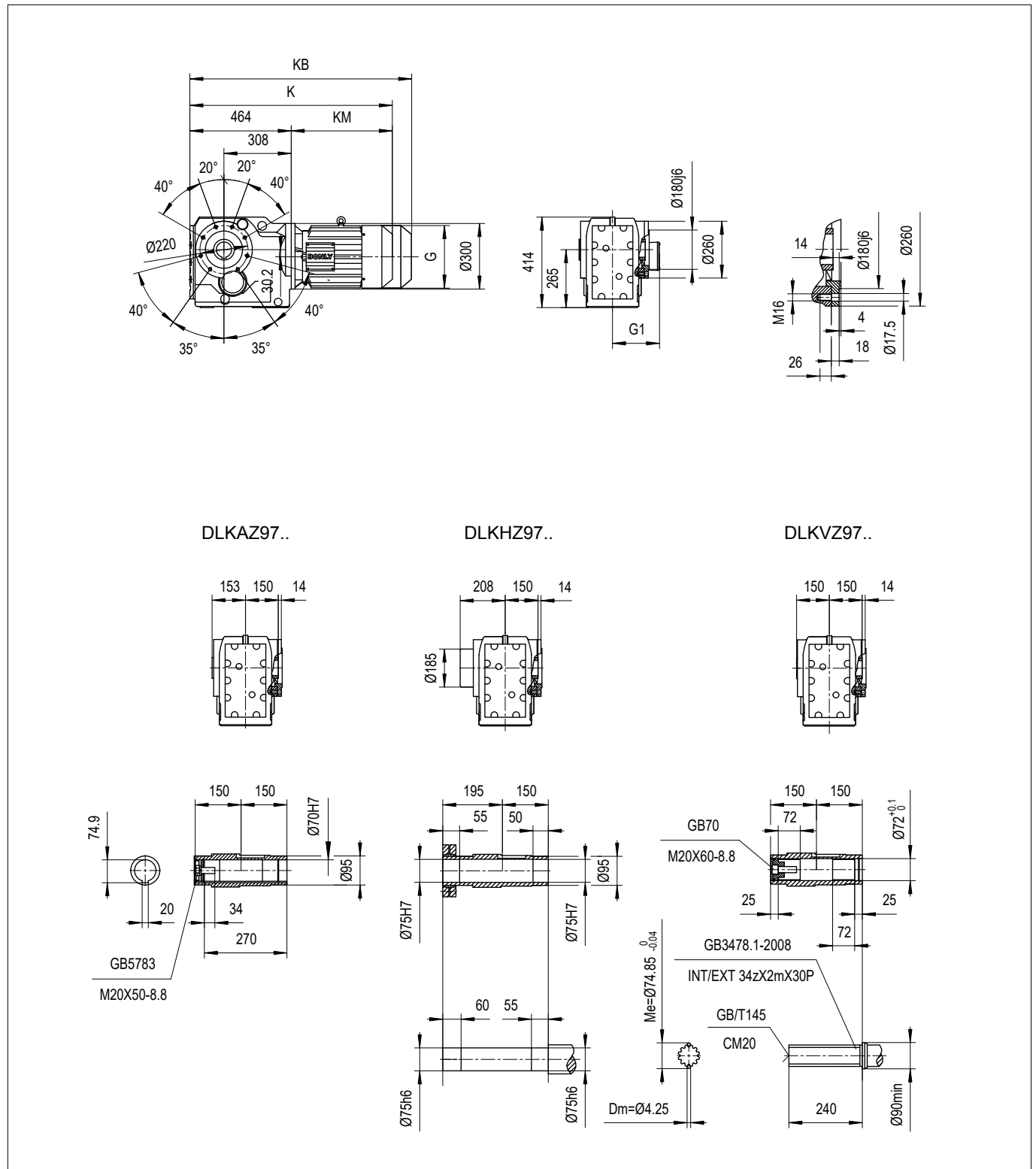
	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200
G (AC)	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348	Ø420
G1 (AD)	155	155	165	175	195	195	195	240	260	305
K	739	769	829	854	929	929	954	1024	1069	1154
KB	809	849	909	949	1034	1034	1059	1149	1204	1334
KM (LB)	275	305	365	390	465	465	490	560	605	690

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



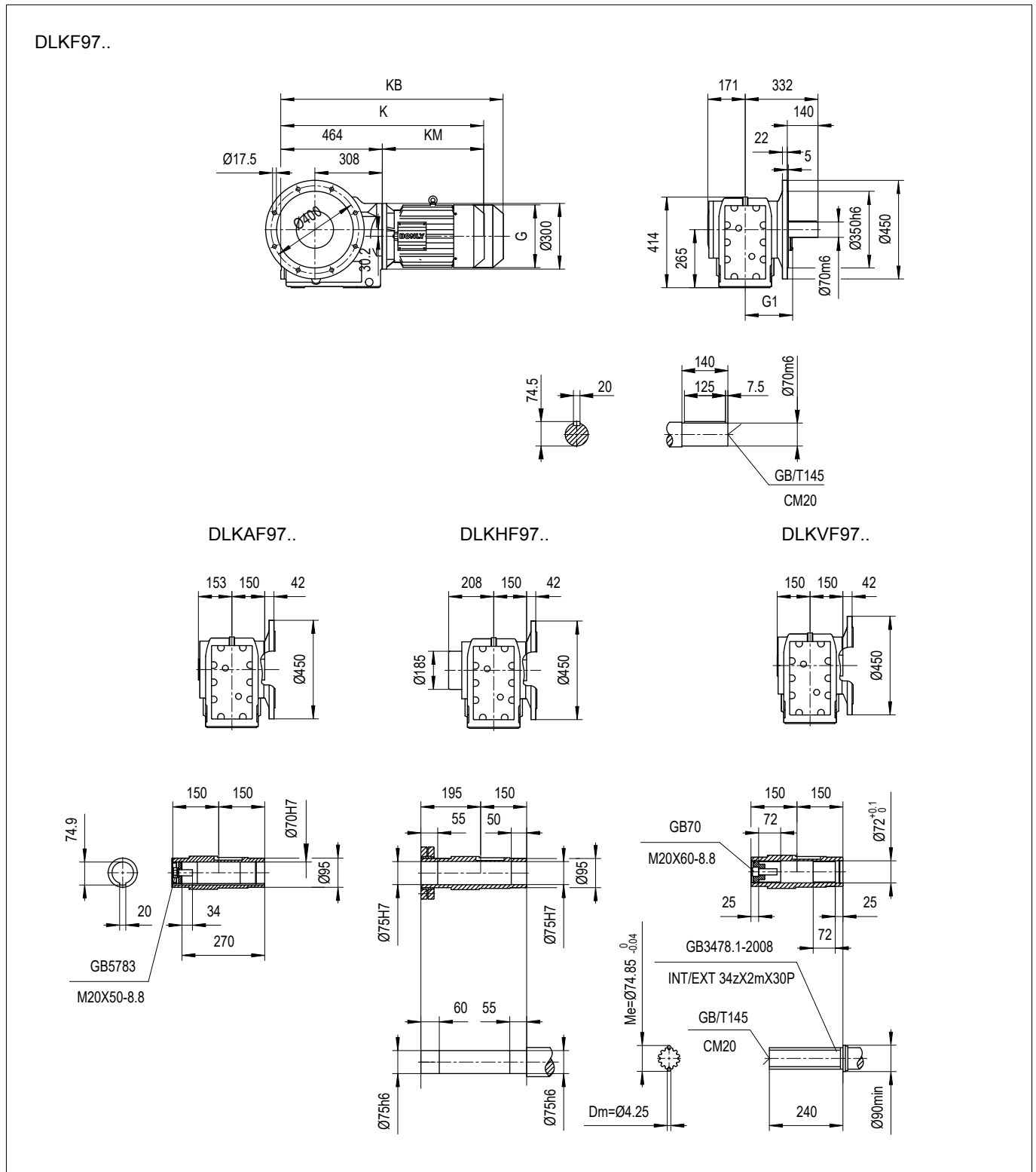
	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200
G (AC)	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348	$\Phi 420$
G1 (AD)	155	155	165	175	195	195	195	240	260	305
K	739	769	829	854	929	929	954	1024	1069	1154
KB	809	849	909	949	1034	1034	1059	1149	1204	1334
KM (LB)	275	305	365	390	465	465	490	560	605	690

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200
G (AC)	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348	Φ420
G1 (AD)	155	155	165	175	195	195	195	240	260	305
K	739	769	829	854	929	929	954	1024	1069	1154
KB	809	849	909	949	1034	1034	1059	1149	1204	1334
KM (LB)	275	305	365	390	465	465	490	560	605	690

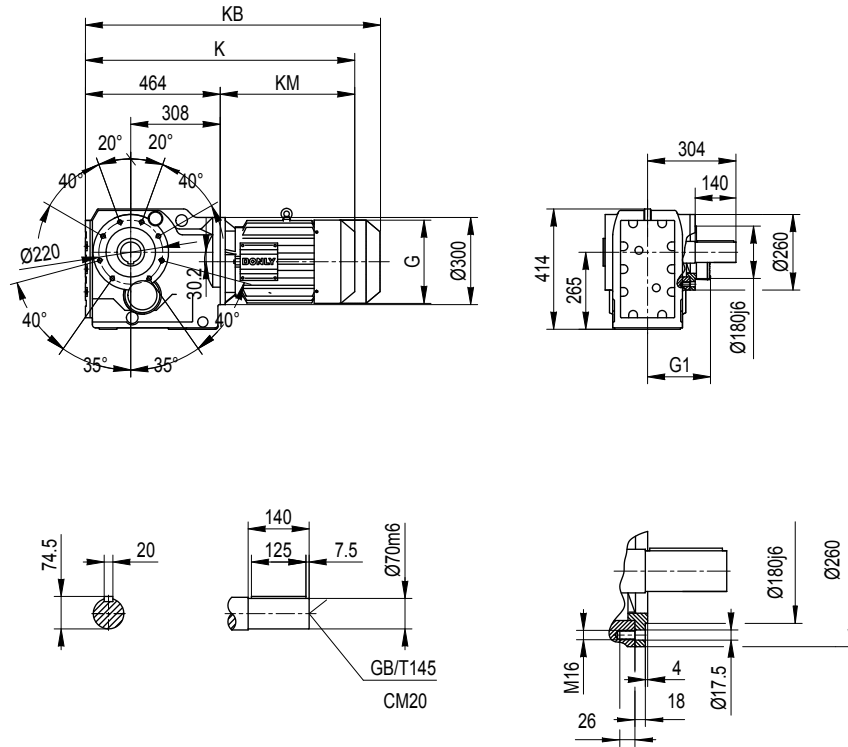
注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors

DLKZ97..



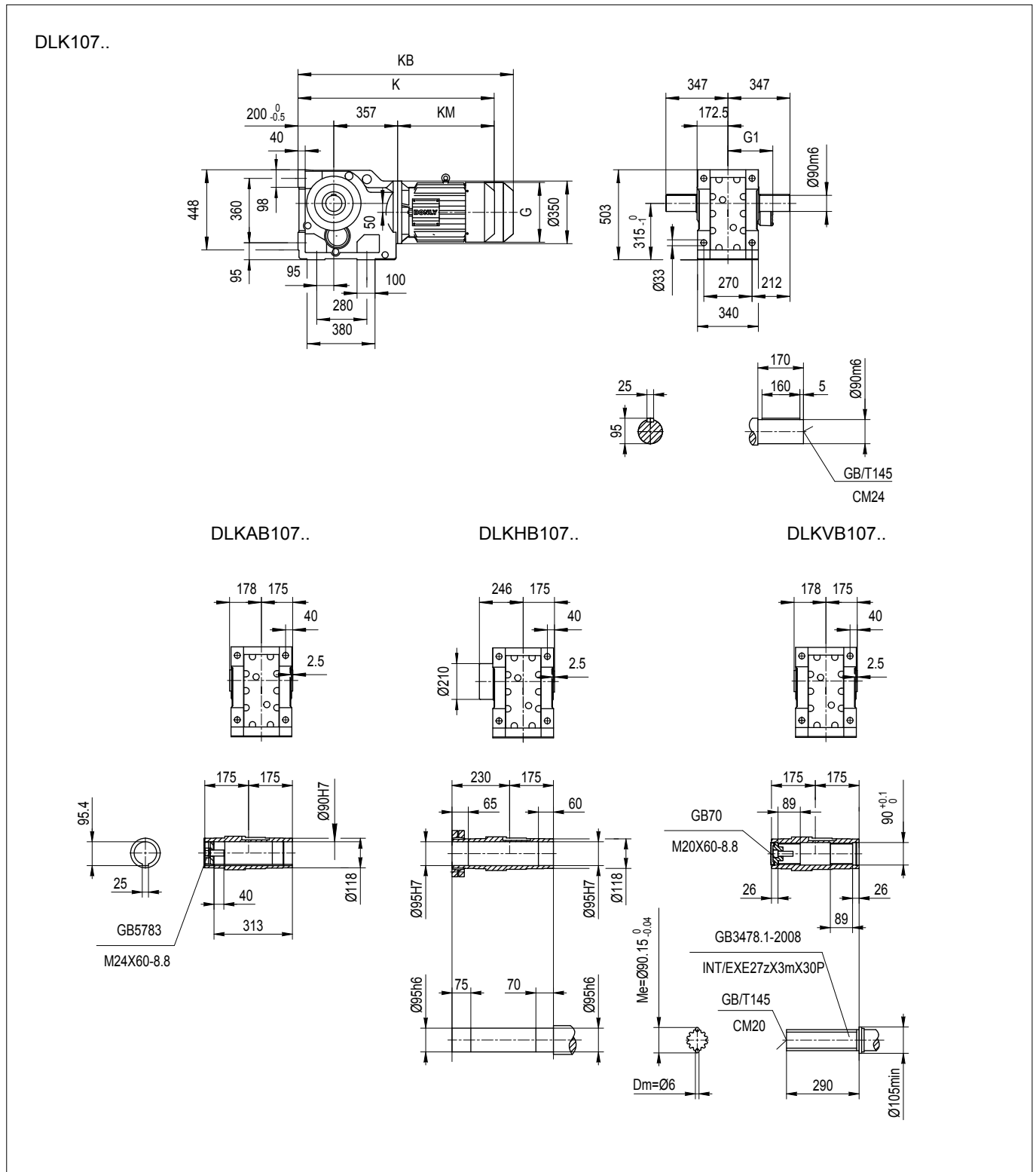
	DE3-90S	DE3-90L	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200
G (AC)	170×170	170×170	191×191	215×215	255×255	255×255	255×255	310×310	348×348	Φ420
G1 (AD)	155	155	165	175	195	195	195	240	260	305
K	739	769	829	854	929	929	954	1024	1069	1154
KB	809	849	909	949	1034	1034	1059	1149	1204	1334
KM (LB)	275	305	365	390	465	465	490	560	605	690

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



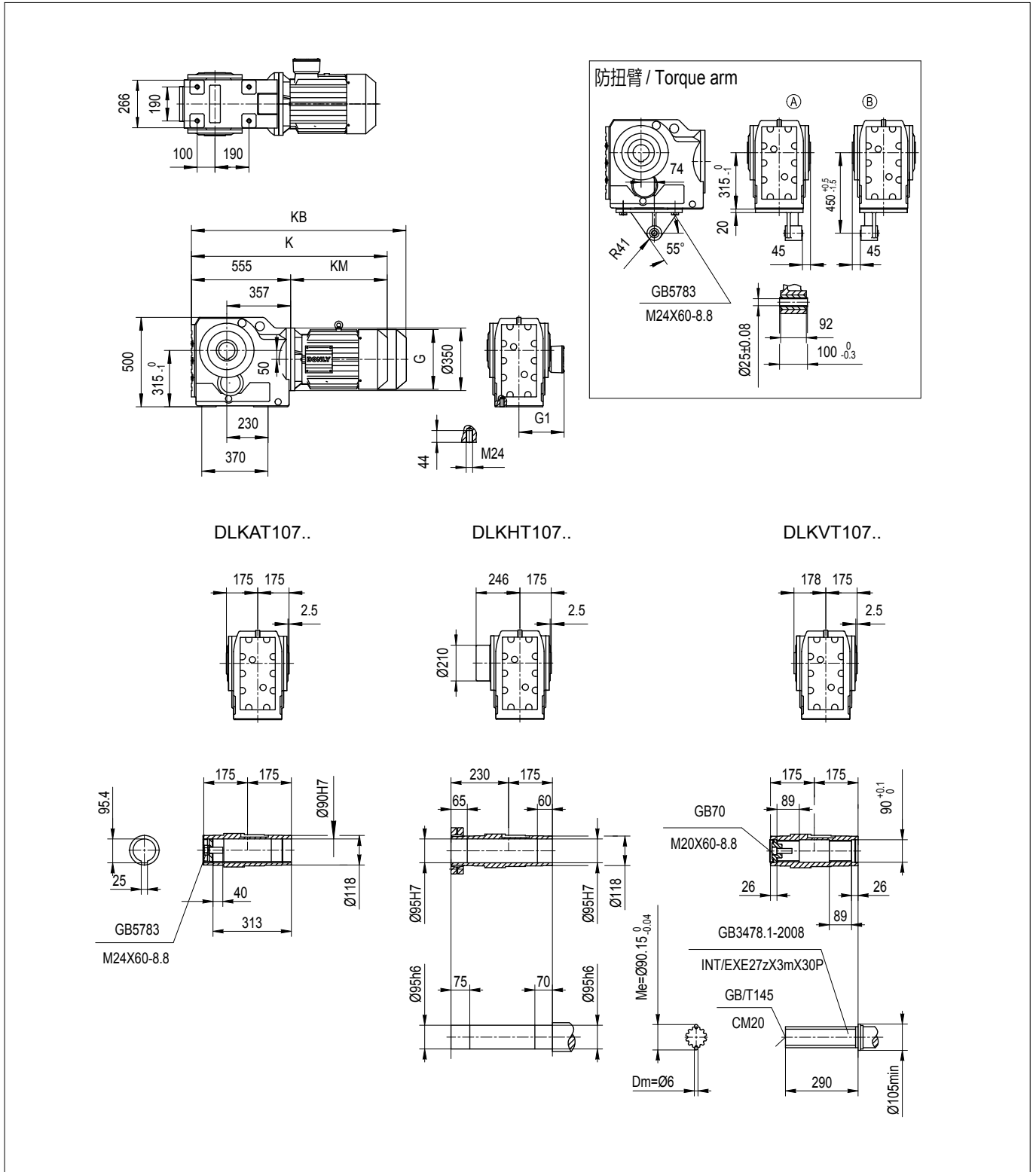
	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225
G (AC)	191×191	215×215	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470
G1 (AD)	165	175	195	195	195	240	260	305	335
K	922	942	1017	1017	1042	1107	1157	1237	1287
KB	1002	1037	1122	1122	1147	1232	1292	1422	1477
KM (LB)	365	385	460	460	485	550	600	680	730

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..garmotors



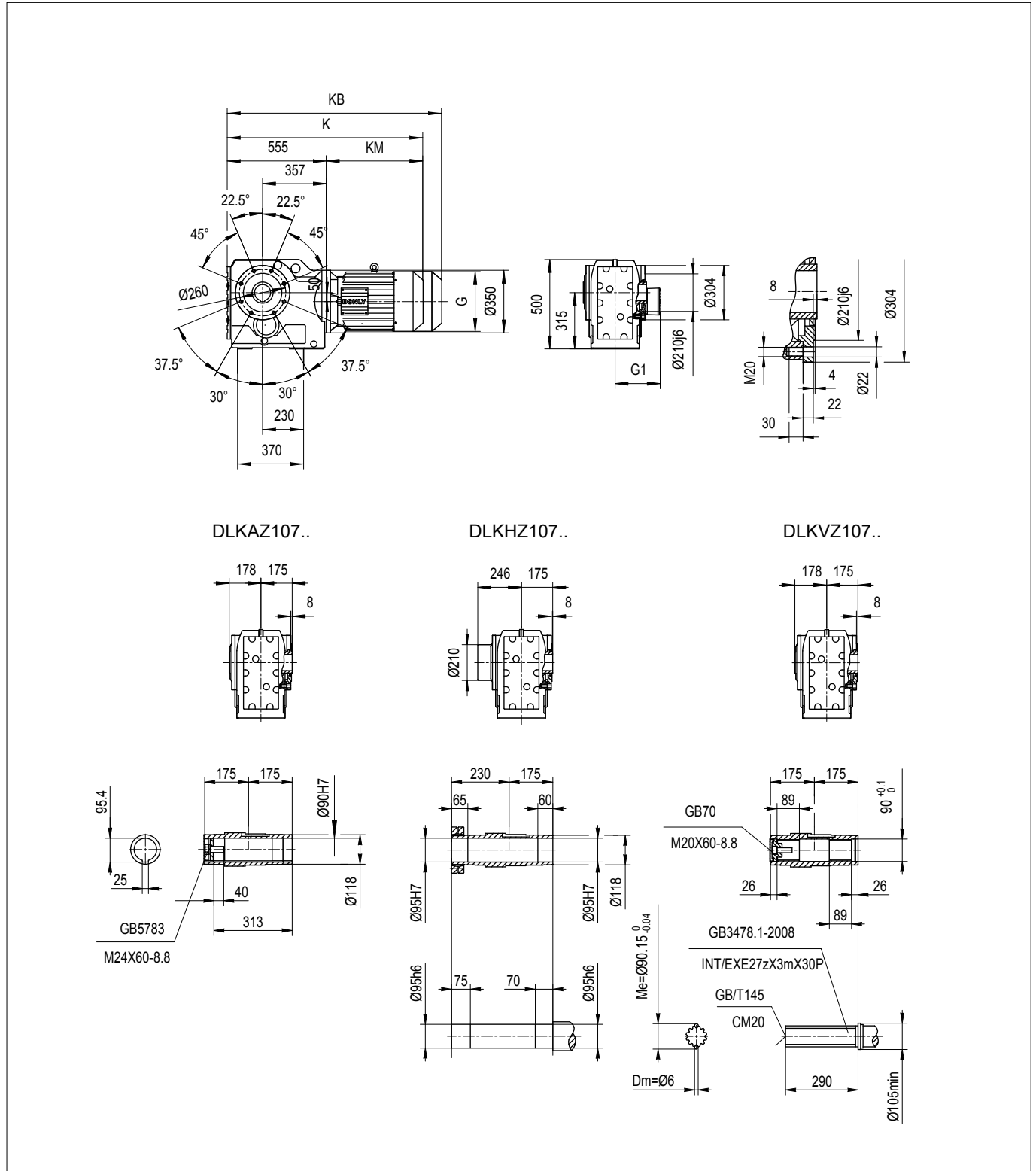
	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225
G (AC)	191×191	215×215	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470
G1 (AD)	165	175	195	195	195	240	260	305	335
K	920	940	1015	1015	1040	1105	1155	1235	1285
KB	1000	1035	1120	1120	1145	1230	1290	1420	1475
KM (LB)	365	385	460	460	485	550	600	680	730

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..garmotors



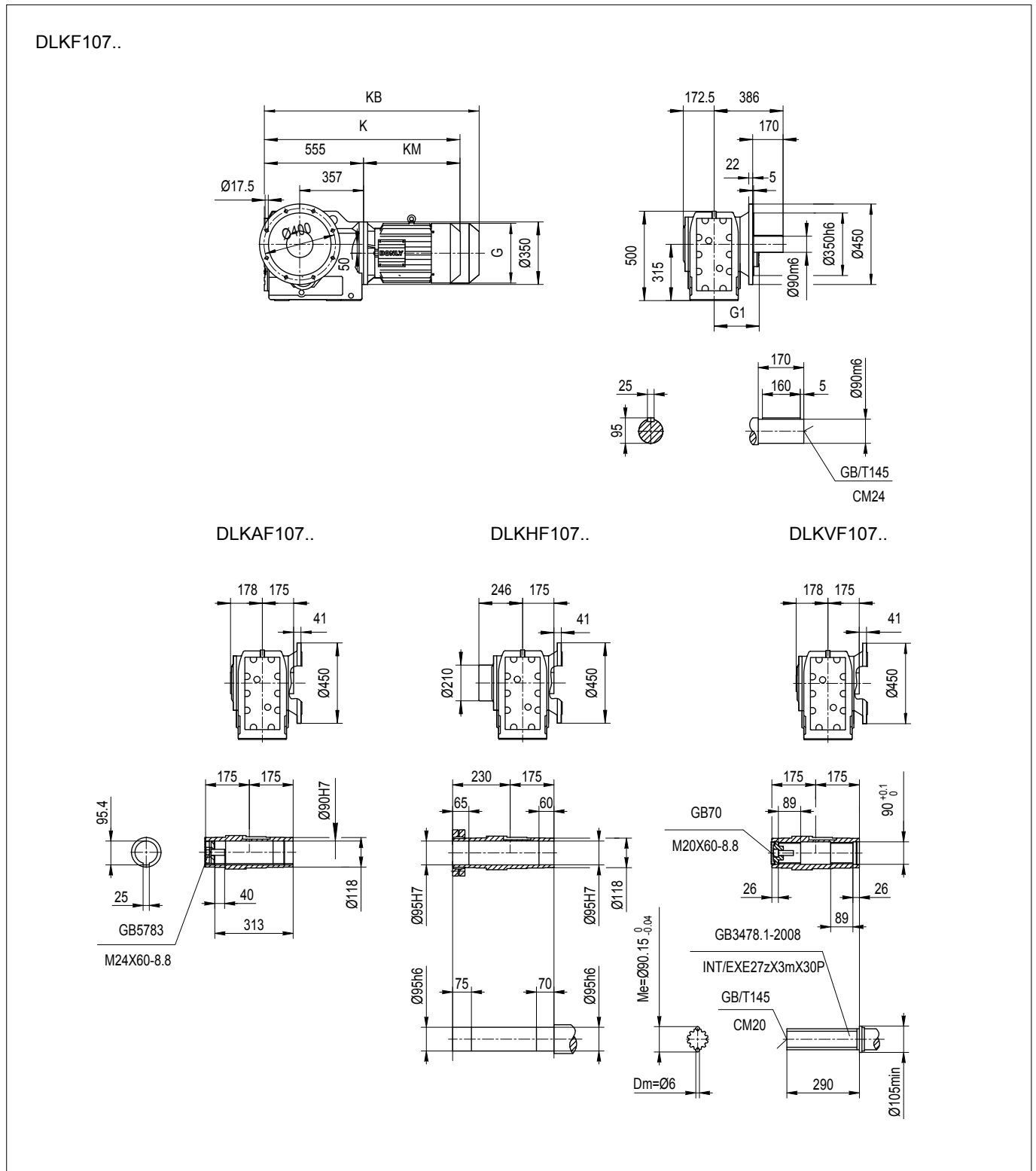
	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225
G (AC)	191×191	215×215	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470
G1 (AD)	165	175	195	195	195	240	260	305	335
K	920	940	1015	1015	1040	1105	1155	1235	1285
KB	1000	1035	1120	1120	1145	1230	1290	1420	1475
KM (LB)	365	385	460	460	485	550	600	680	730

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225
G (AC)	191×191	215×215	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470
G1 (AD)	165	175	195	195	195	240	260	305	335
K	920	940	1015	1015	1040	1105	1155	1235	1285
KB	1000	1035	1120	1120	1145	1230	1290	1420	1475
KM (LB)	365	385	460	460	485	550	600	680	730

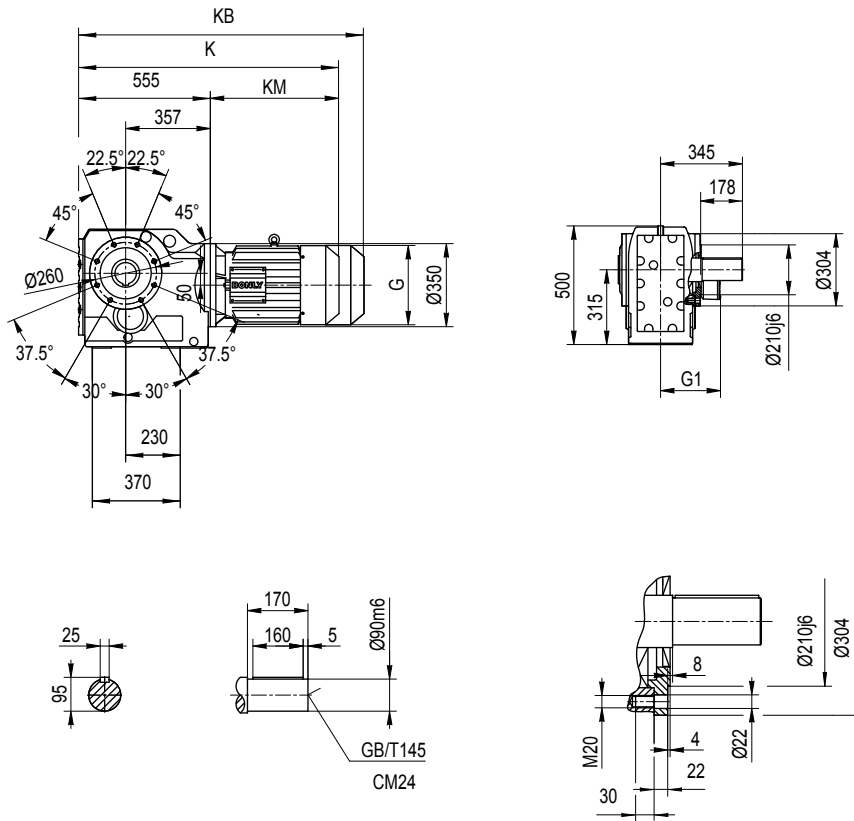
注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors

DLKZ107..



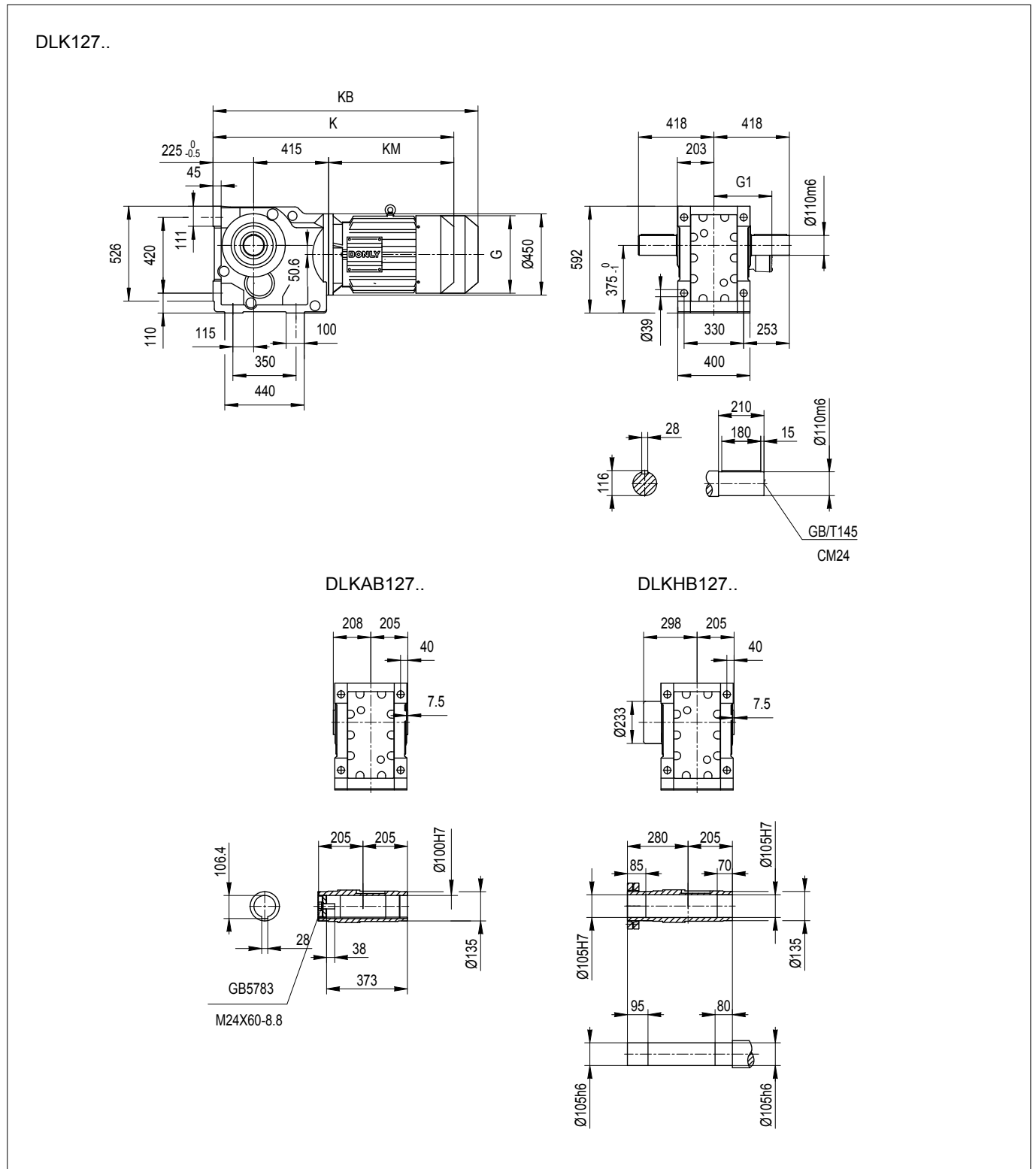
	DE3-100	DE3-112M	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225
G (AC)	191×191	215×215	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470
G1 (AD)	165	175	195	195	195	240	260	305	335
K	920	940	1015	1015	1040	1105	1155	1235	1285
KB	1000	1035	1120	1120	1145	1230	1290	1420	1475
KM (LB)	365	385	460	460	485	550	600	680	730

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



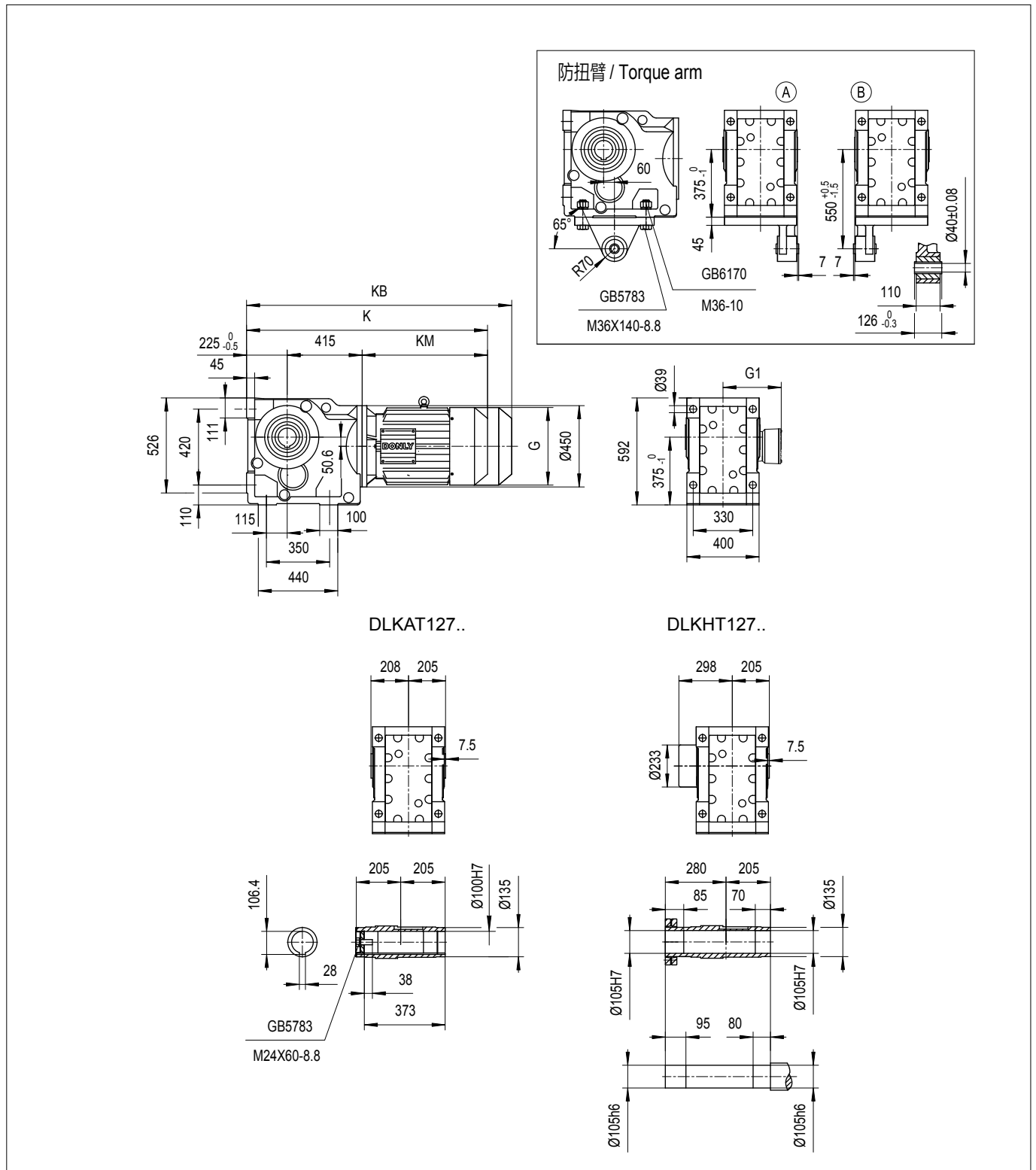
	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280
G (AC)	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470	Φ510	Φ580
G1 (AD)	195	195	195	240	260	305	335	365	400
K	1100	1080	1105	1190	1240	1305	1355	1435	1550
KB	1205	1185	1210	1315	1375	1490	1545	1645	1780
KM (LB)	440	440	465	550	600	665	715	795	910

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



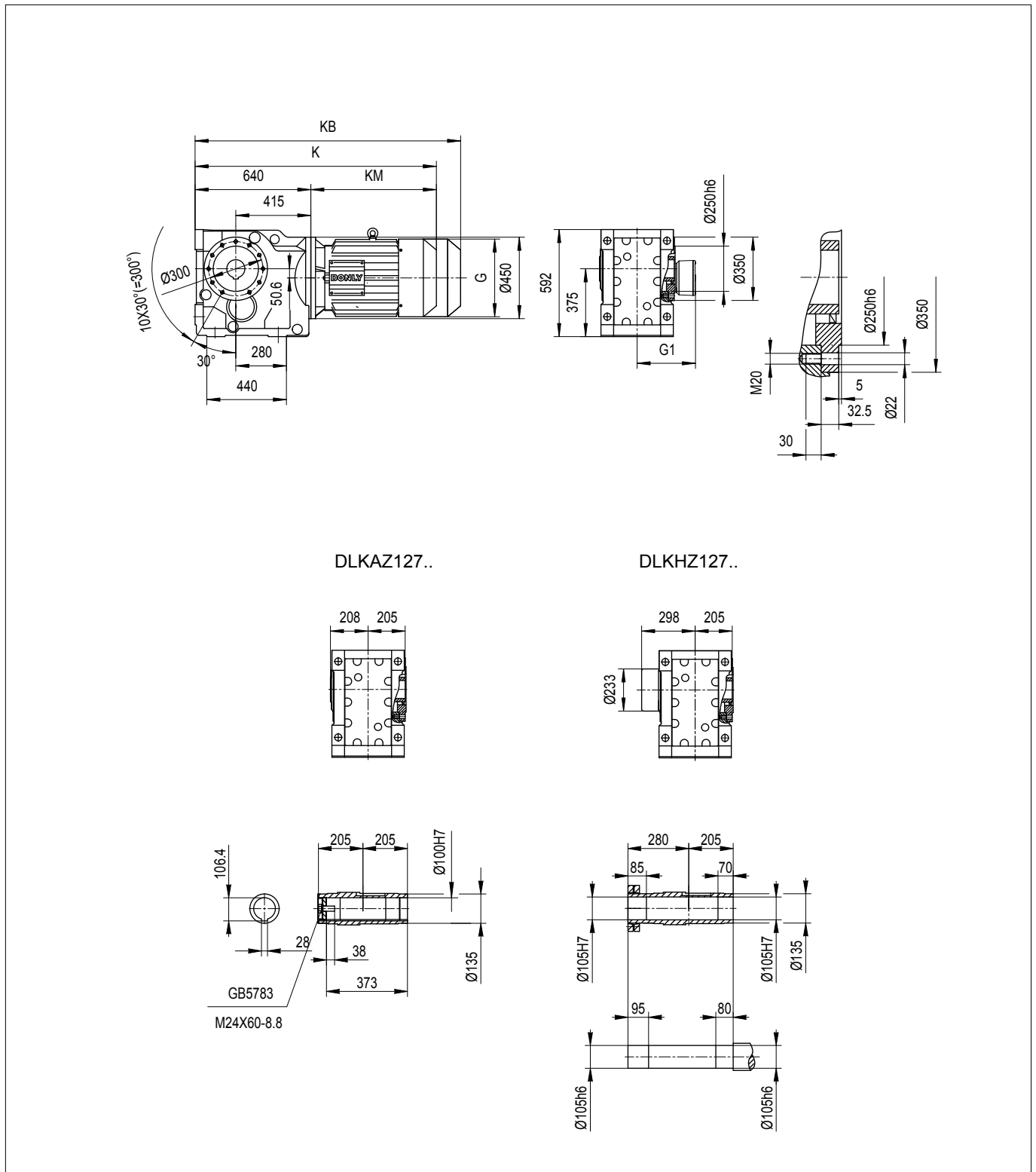
	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280
G (AC)	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470	Φ510	Φ580
G1 (AD)	195	195	195	240	260	305	335	365	400
K	1100	1080	1105	1190	1240	1305	1355	1435	1550
KB	1205	1185	1210	1315	1375	1490	1545	1645	1780
KM (LB)	440	440	465	550	600	665	715	795	910

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



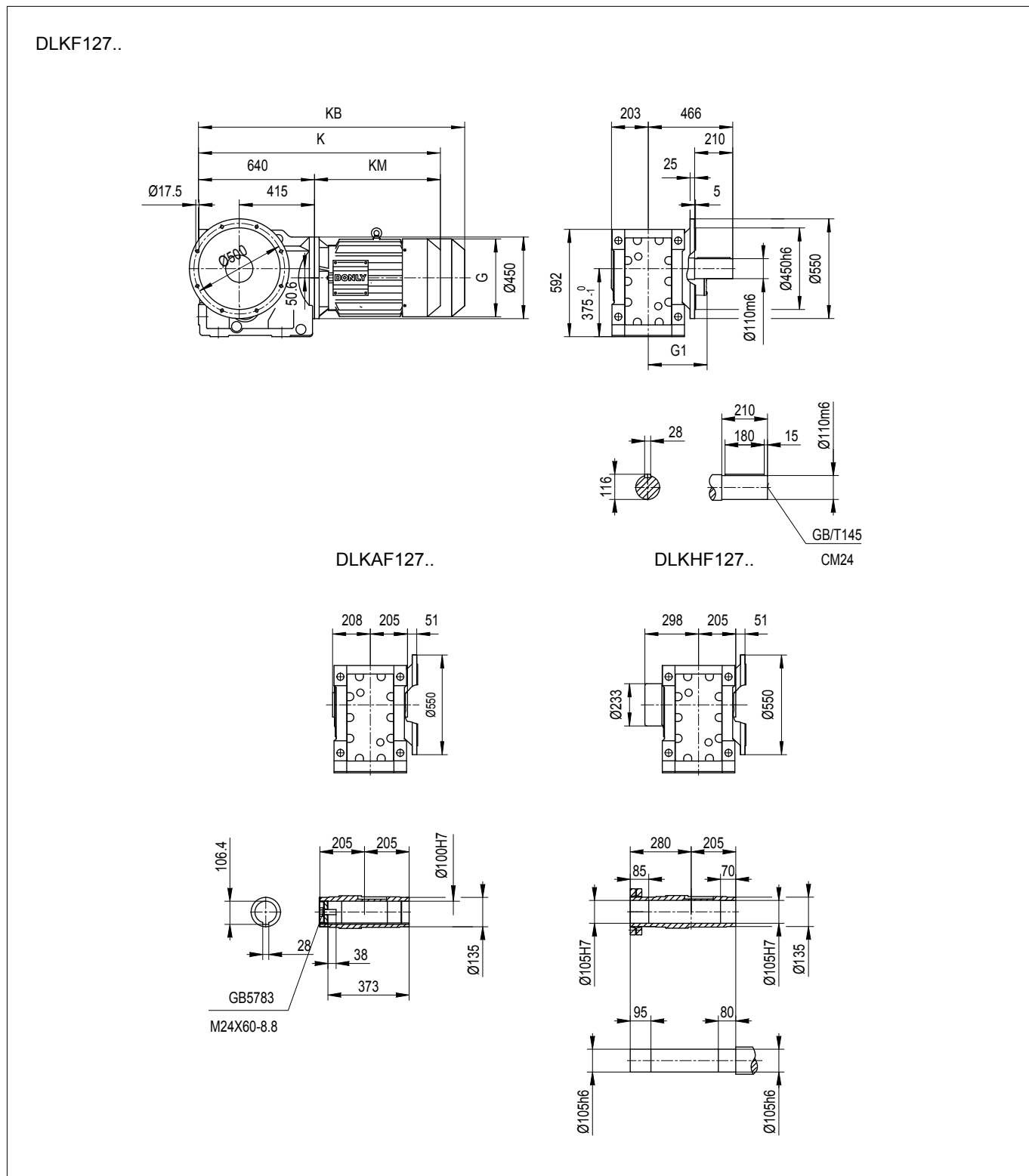
	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280
G (AC)	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470	Φ510	Φ580
G1 (AD)	195	195	195	240	260	305	335	365	400
K	1100	1080	1105	1190	1240	1305	1355	1435	1550
KB	1205	1185	1210	1315	1375	1490	1545	1645	1780
KM (LB)	440	440	465	550	600	665	715	795	910

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



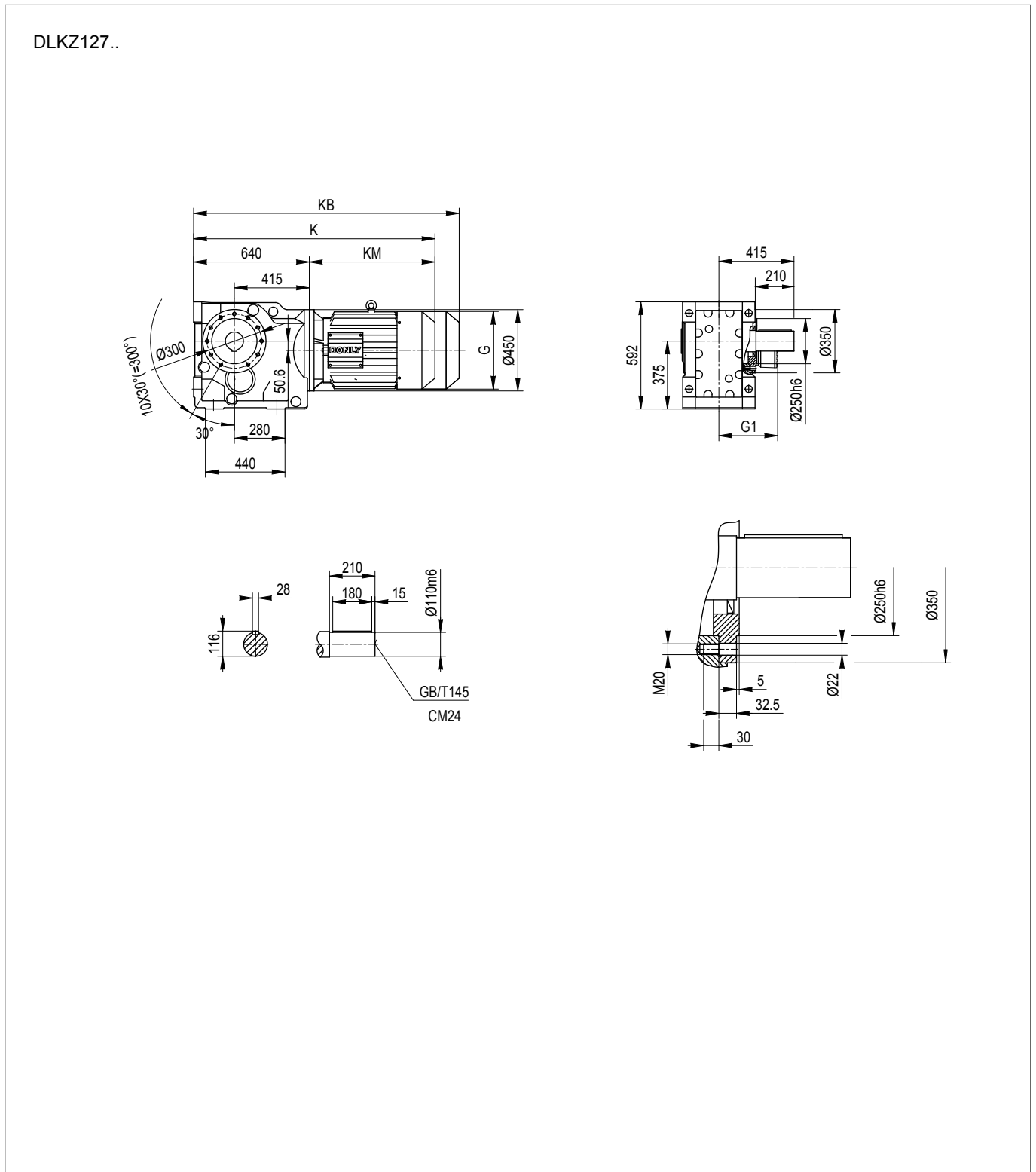
	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280
G (AC)	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470	Φ510	Φ580
G1 (AD)	195	195	195	240	260	305	335	365	400
K	1100	1080	1105	1190	1240	1305	1355	1435	1550
KB	1205	1185	1210	1315	1375	1490	1545	1645	1780
KM (LB)	440	440	465	550	600	665	715	795	910

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



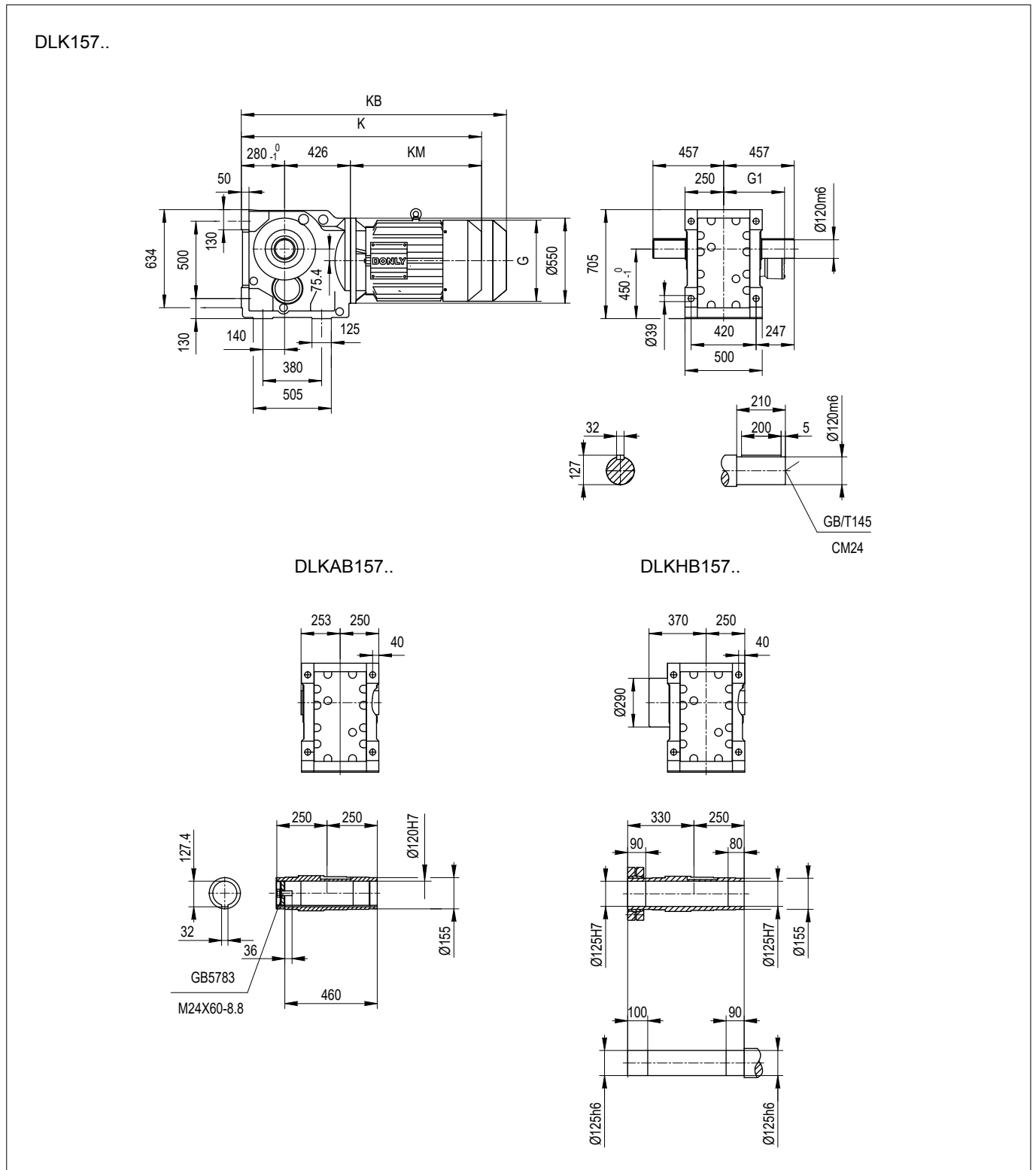
	DE3-132S	DE3-132M	DE3-132L	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280
G (AC)	255×255	255×255	255×255	310×310	348×348	Φ420	Φ470	Φ510	Φ580
G1 (AD)	195	195	195	240	260	305	335	365	400
K	1100	1080	1105	1190	1240	1305	1355	1435	1550
KB	1205	1185	1210	1315	1375	1490	1545	1645	1780
KM (LB)	440	440	465	550	600	665	715	795	910

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



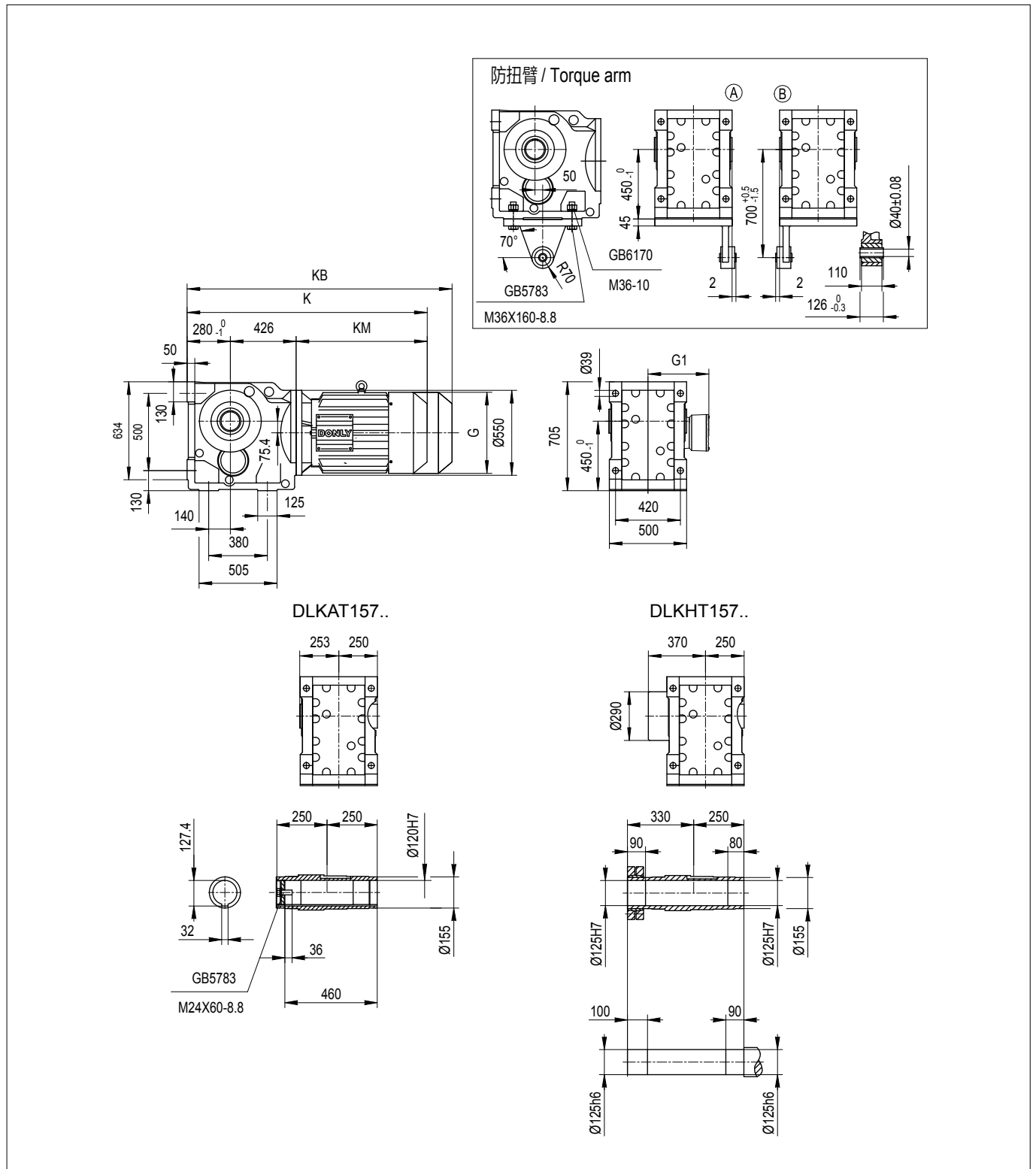
	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280	DE3-315S	DE3-315M
G (AC)	310×310	348×348	Φ420	Φ470	Φ510	Φ580	Φ635	Φ635
G1 (AD)	240	260	305	335	365	400	530	530
K	1251	1301	1366	1411	1491	1606	1900	1900
KB	1376	1436	1546	1606	1701	1836	-	-
KM (LB)	545	595	660	705	785	900	1110	1110

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



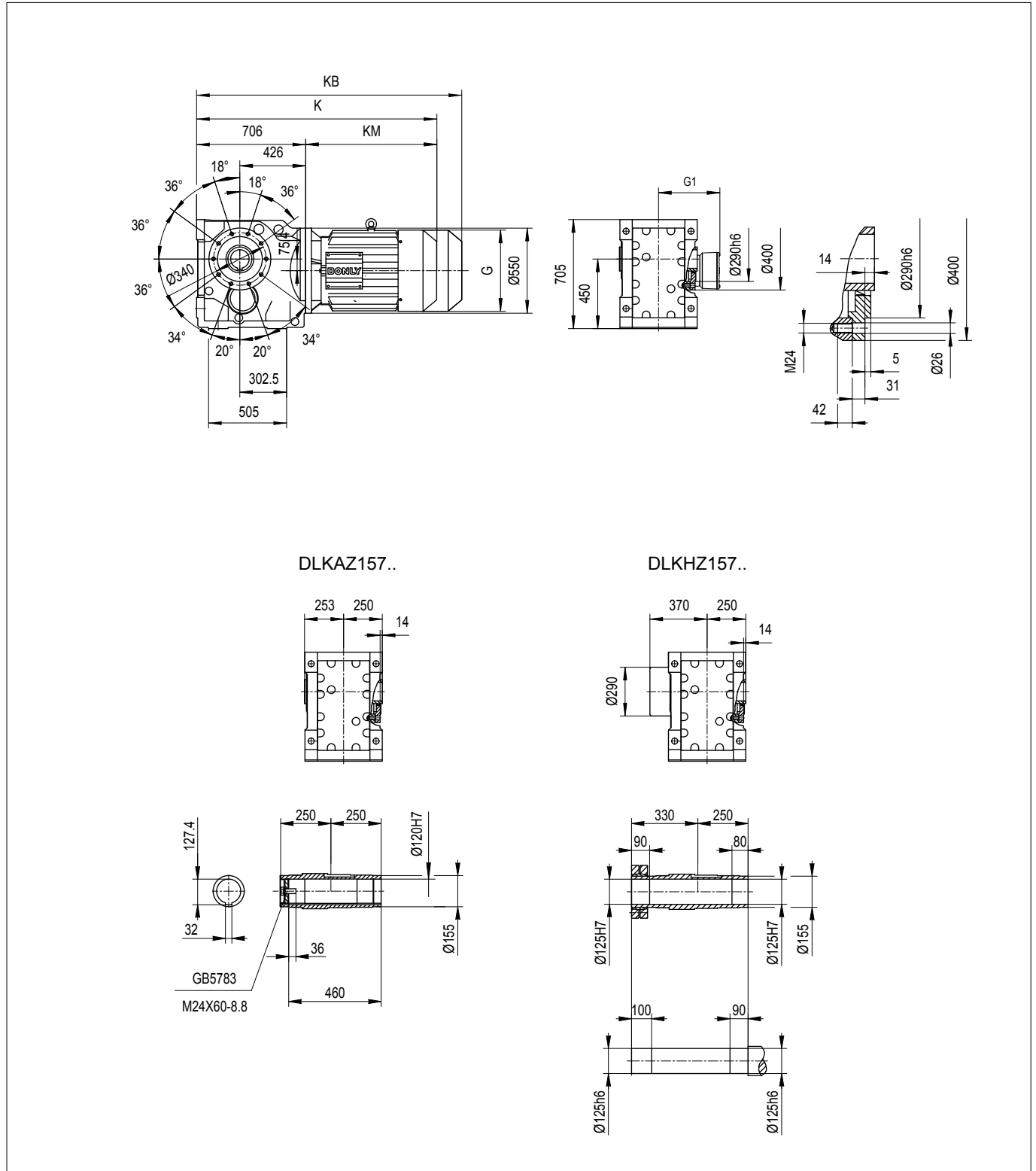
	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280	DE3-315S	DE3-315M
G (AC)	310×310	348×348	Φ420	Φ470	Φ510	Φ580	Φ635	Φ635
G1 (AD)	240	260	305	335	365	400	530	530
K	1251	1301	1366	1411	1491	1606	1900	1900
KB	1376	1436	1546	1606	1701	1836	-	-
KM (LB)	545	595	660	705	785	900	1110	1110

注: KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



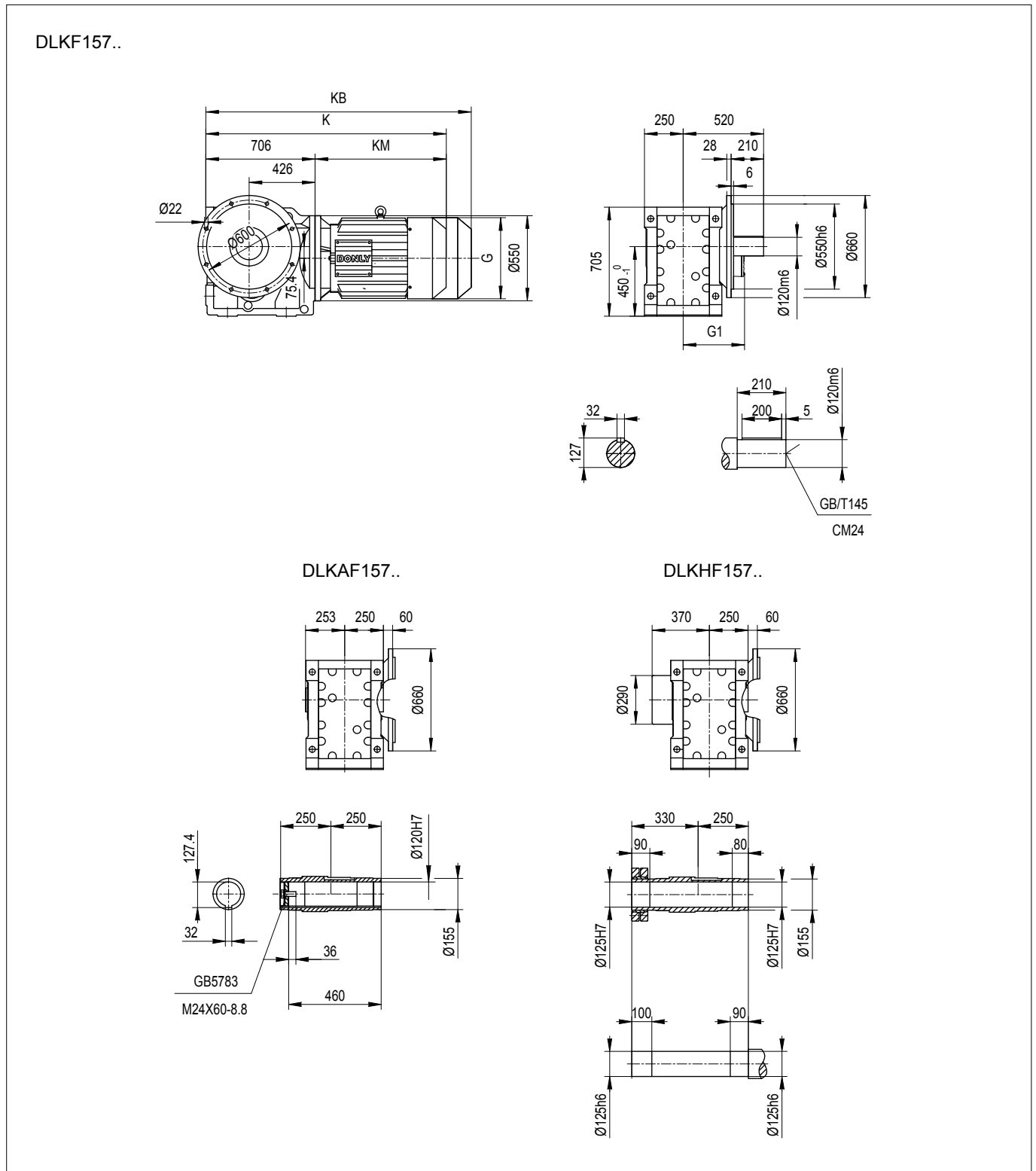
	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280	DE3-315S	DE3-315M
G (AC)	310×310	348×348	Φ420	Φ470	Φ510	Φ580	Φ635	Φ635
G1 (AD)	240	260	305	335	365	400	530	530
K	1251	1301	1366	1411	1491	1606	1900	1900
KB	1376	1436	1546	1606	1701	1836	-	-
KM (LB)	545	595	660	705	785	900	1110	1110

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



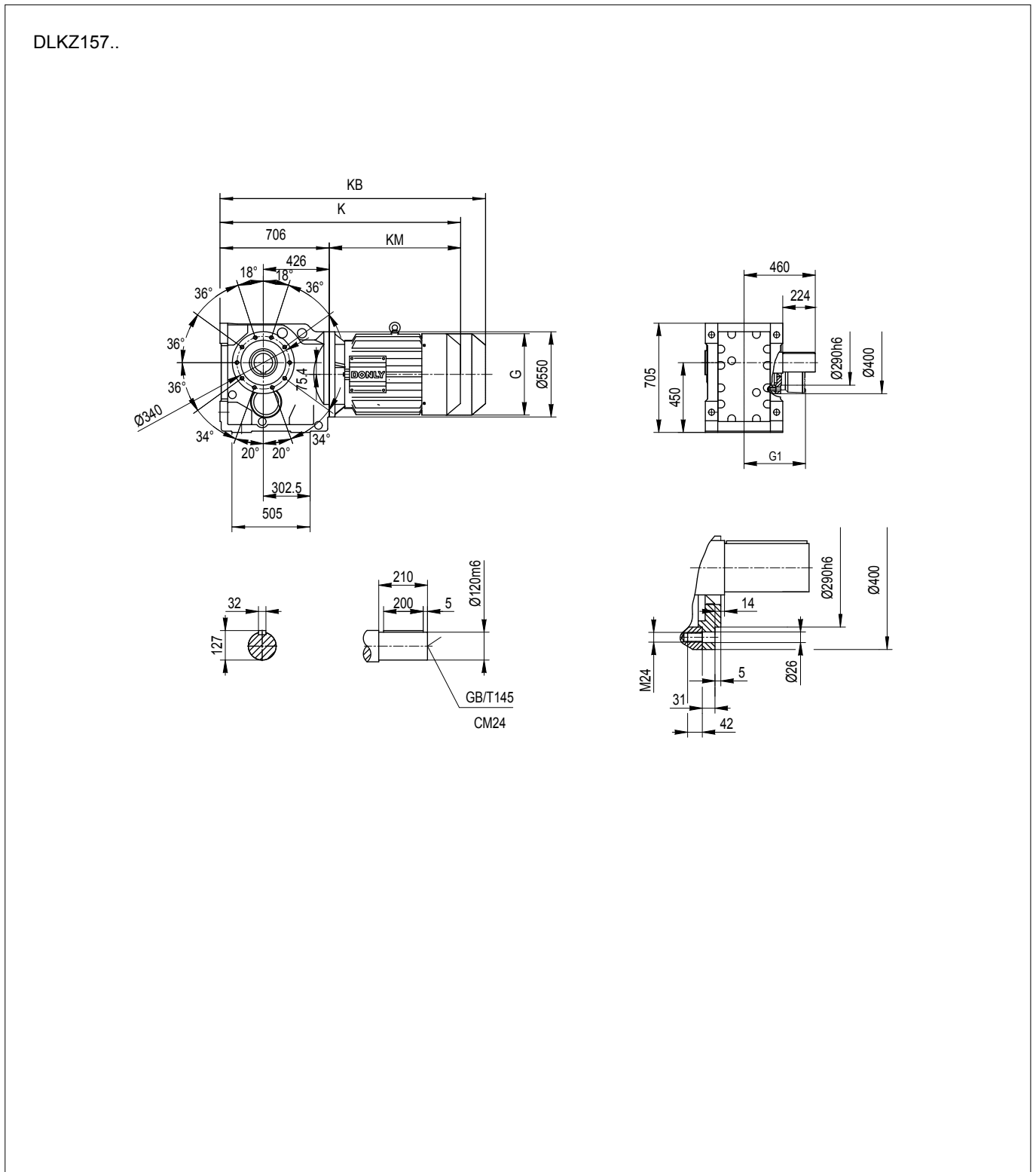
	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280	DE3-315S	DE3-315M
G (AC)	310×310	348×348	Φ420	Φ470	Φ510	Φ580	Φ635	Φ635
G1 (AD)	240	260	305	335	365	400	530	530
K	1251	1301	1366	1411	1491	1606	1900	1900
KB	1376	1436	1546	1606	1701	1836	-	-
KM (LB)	545	595	660	705	785	900	1110	1110

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280	DE3-315S	DE3-315M
G (AC)	310×310	348×348	$\Phi 420$	$\Phi 470$	$\Phi 510$	$\Phi 580$	$\Phi 635$	$\Phi 635$
G1 (AD)	240	260	305	335	365	400	530	530
K	1251	1301	1366	1411	1491	1606	1900	1900
KB	1376	1436	1546	1606	1701	1836	-	-
KM (LB)	545	595	660	705	785	900	1110	1110

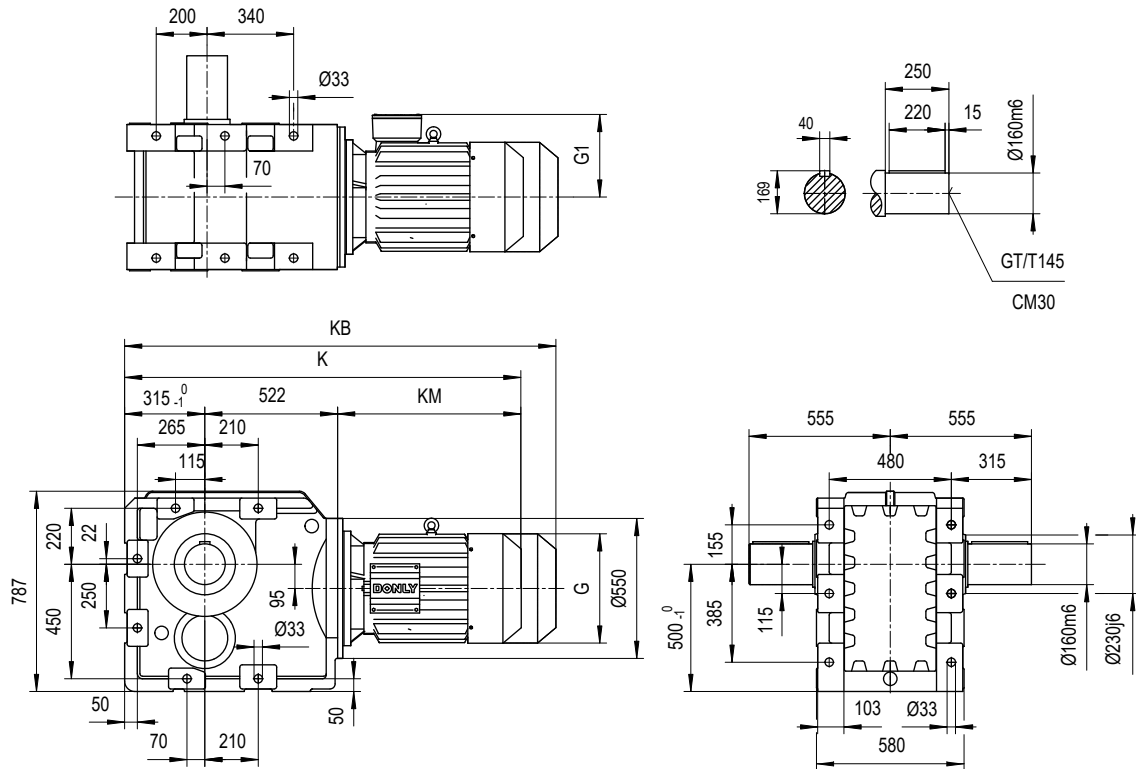
注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

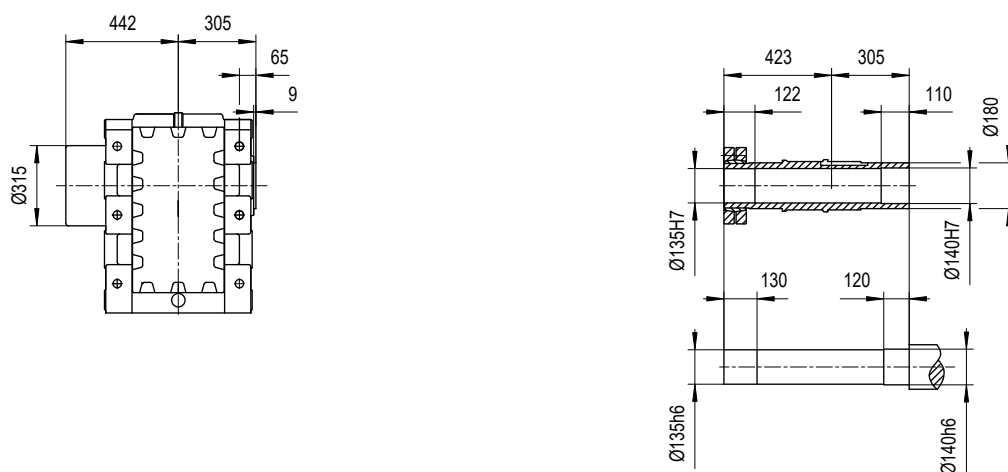
5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors

DLK167..



DLKHB167..



	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280	DE3-315S	DE3-315M
G (AC)	310×310	348×348	$\Phi 420$	$\Phi 470$	$\Phi 510$	$\Phi 580$	$\Phi 635$	$\Phi 635$
G1 (AD)	240	260	305	335	365	400	530	530
K	1382	1432	1497	1542	1622	1737	1900	1900
KB	1507	1567	1677	1737	1832	1967	-	-
KM (LB)	545	595	660	705	785	900	1110	1110

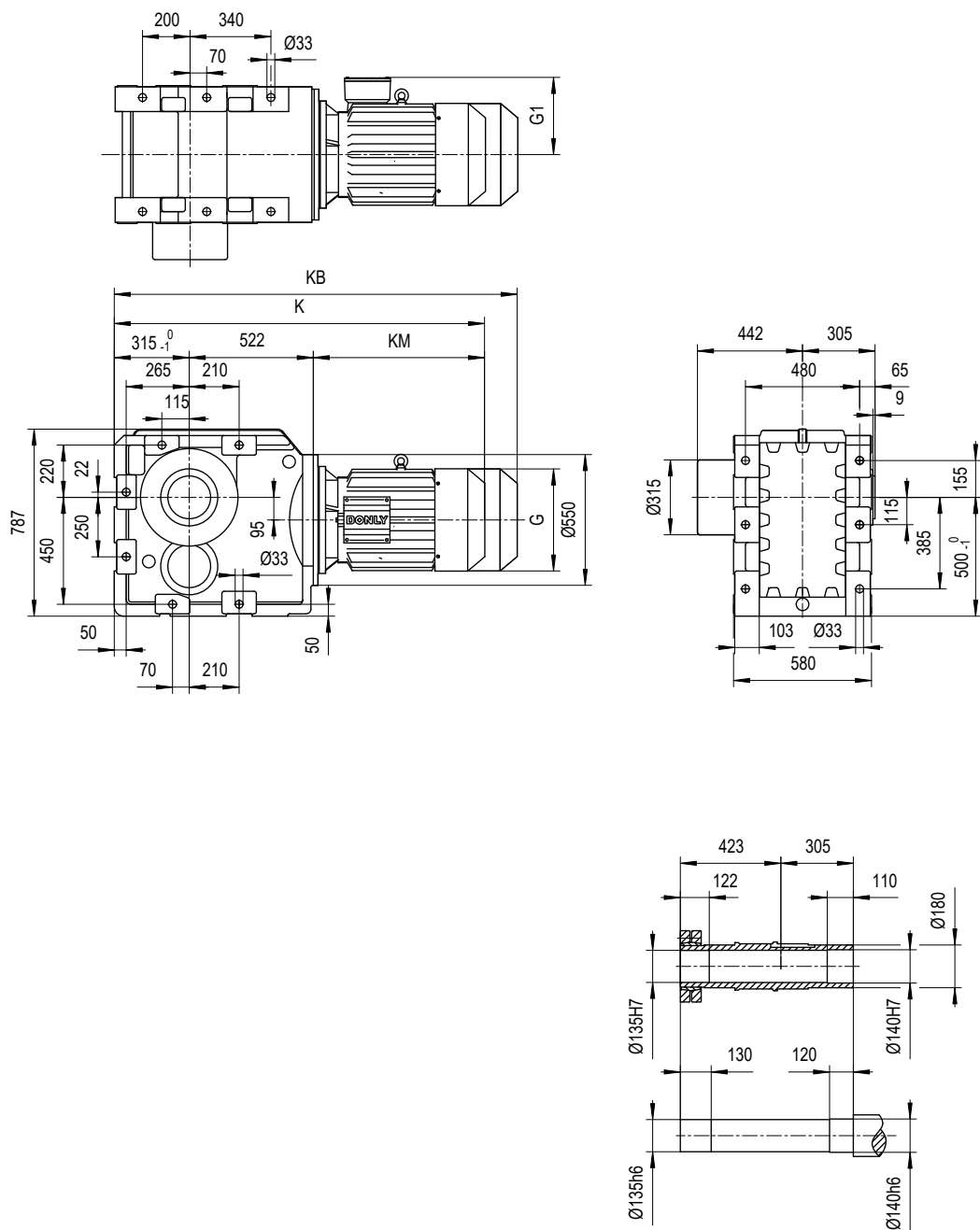
注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors

DLKH167..



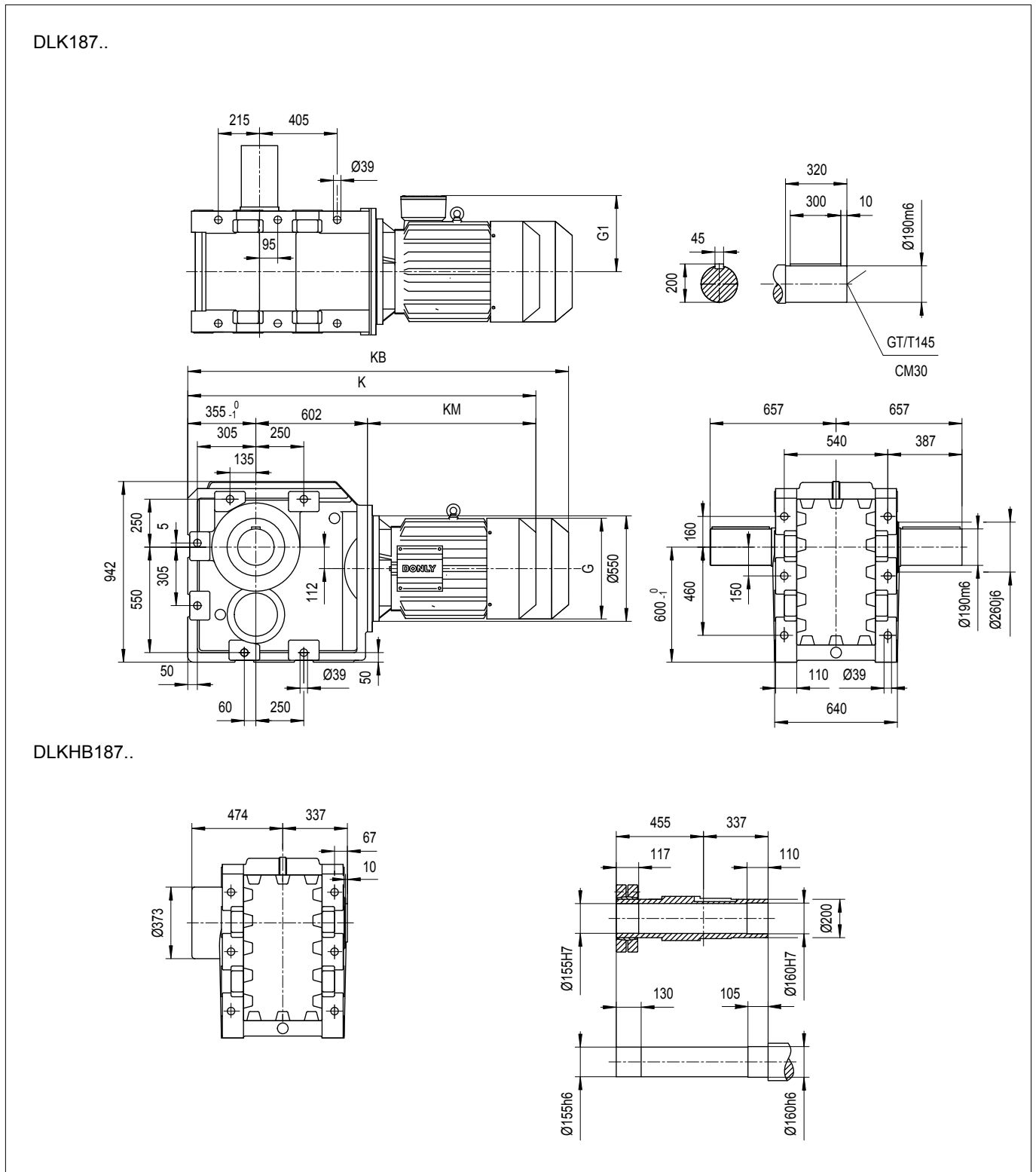
	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280	DE3-315S	DE3-315M
G (AC)	310×310	348×348	$\Phi 420$	$\Phi 470$	$\Phi 510$	$\Phi 580$	$\Phi 635$	$\Phi 635$
G1 (AD)	240	260	305	335	365	400	530	530
K	1382	1432	1497	1542	1622	1737	1900	1900
KB	1507	1567	1677	1737	1832	1967	-	-
KM (LB)	545	595	660	705	785	900	1110	1110

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



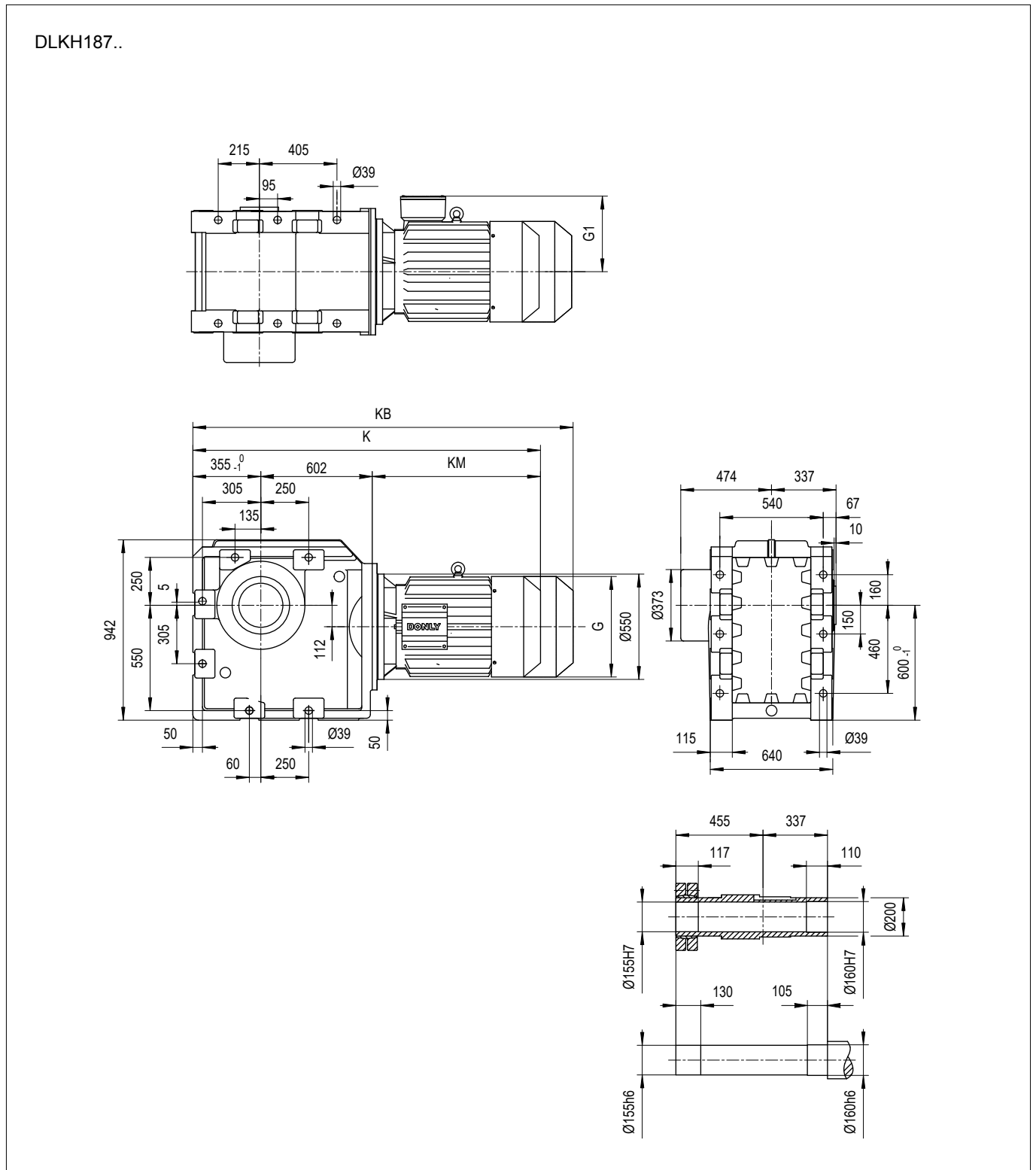
	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280	DE3-315S	DE3-315M
G (AC)	310×310	348×348	Φ420	Φ470	Φ510	Φ580	Φ635	Φ635
G1 (AD)	240	260	305	335	365	400	530	530
K	1502	1552	1617	1662	1742	1857	1900	1900
KB	1627	1687	1797	1857	1952	2087	-	-
KM (LB)	545	595	660	705	785	900	1110	1110

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.2 DLK..DE3.. 减速电机外形及安装尺寸图表

5.2 Dimensions of DLK..DE3..gearmotors



	DE3-160	DE3-180	DE3-200	DE3-225	DE3-250	DE3-280	DE3-315S	DE3-315M
G (AC)	310×310	348×348	Φ420	Φ470	Φ510	Φ580	Φ635	Φ635
G1 (AD)	240	260	305	335	365	400	530	530
K	1502	1552	1617	1662	1742	1857	1900	1900
KB	1627	1687	1797	1857	1952	2087	-	-
KM (LB)	545	595	660	705	785	900	1110	1110

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK37S.., ne=1450 1/min								
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size	重量 Weight [kg]	低齿隙值 Low backlash φ(R) [']
106.17	14	210	0.30	5640	580			7
97.66	15	210	0.33	5640	575			7
83.63	17	210	0.38	5640	560			7
72.56	20	210	0.44	5520	545	DL K37	S1	15
67.86	21	210	0.47	5360	535	DL KF37	S1	17
59.73	24	210	0.53	5020	510	DL KA37	S1	15
49.98	29	210	0.64	4660	495	DL KAF37	S1	17
44.68	32	210	0.71	4420	470			7
38.60	38	210	0.83	4100	440			7
36.19	40	210	0.88	3970	425			8
29.97	48	210	1.1	3650	1710			8
29.12	50	210	1.1	3580	1510			9
25.26	57	210	1.3	3330	1500			9
23.63	61	205	1.3	3260	1500			9
20.80	70	200	1.5	3110	1500			9
17.40	83	190	1.7	2900	1490	DL K37	S2	16
15.56	93	185	1.8	2780	1490	DL KF37	S2	18
13.44	108	175	2.0	2650	1490	DL KA37	S2	16
12.60	115	175	2.1	2600	1270	DL KAF37	S2	18
10.44	139	160	2.3	2350	1220			13
9.89	147	160	2.5	2200	1200			13
8.84	164	160	2.7	2110	1190			13
7.63	190	155	3.1	1980	1170			13
7.16	203	155	3.3	1950	1180			13
5.93	245	150	3.8	1810	1140			13

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK47S.., ne=1450 1/min								
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size	重量 Weight [kg]	低齿隙值 Low backlash φ(/R) [']
130.91	11	420	0.49	5920	1530			7
120.63	12	420	0.53	5920	1520			7
103.71	14	420	0.61	5920	1500	DL K47	S2	26
90.35	16	420	0.71	5920	1470	DL KF47	S2	32
84.68	17	420	0.75	5920	1460	DL KA47	S2	23
74.87	19	420	0.85	5920	1430	DL KAF47	S2	32
70.61	21	420	0.90	5920	1400			7
63.10	23	420	1.0	5920	1380			7
56.71	26	420	1.1	5920	1660			7
48.33	30	420	1.3	5920	1640			7
45.47	32	420	1.4	5920	1640			7
39.34	37	420	1.6	5920	1620			7
35.35	41	420	1.8	5920	1600			7
29.58	49	400	2.1	5520	1280			8
26.16	55	400	2.3	5170	1250	DL K47	S2	26
24.67	59	400	2.5	4970	1230	DL KF47	S2	32
22.05	66	400	2.8	4710	1220	DL KA47	S2	23
19.81	73	400	3.1	4440	1190	DL KAF47	S2	32
16.89	86	380	3.4	4230	1190			8
15.89	91	380	3.6	4080	1170			8
13.74	106	380	4.2	3890	1170			8
12.35	117	380	4.7	3720	1140			9
10.87	133	265	3.7	3900	1000			11
9.27	156	265	4.3	3650	940			11
8.72	166	265	4.6	3500	1960			11
7.54	192	250	5.0	3390	1970	DL K47	S3	28
6.78	214	245	5.5	3270	1960	DL KF47	S3	34
						DL KA47	S3	25
						DL KAF47	S3	34

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK57S.., ne=1450 1/min									
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size	重量 Weight [kg]	低齿隙值 Low backlash φ(R) [']	
145.02	10	600	0.63	7630	1230			6	
125.26	12	600	0.73	7630	1230			6	
109.67	13	600	0.83	7630	1200			6	
103.04	14	600	0.88	7630	1200	DL K57	S2	35	6
91.59	16	600	0.99	7630	1600	DL KF57	S2	39	6
77.85	19	600	1.2	7630	1590	DL KA57	S2	34	6
70.39	21	600	1.3	7630	1580	DL KAF57	S2	39	6
61.06	24	600	1.5	7630	1570				6
57.70	25	600	1.6	7630	1560				6
50.77	29	600	1.8	7630	1530				6
45.79	32	600	2.0	7630	1490				7
39.82	36	600	2.3	7630	1490				7
36.92	39	600	2.5	7630	1150				7
31.39	46	600	2.9	7310	1110	DL K57	S2	35	7
28.37	51	600	3.2	6930	1090	DL KF57	S2	39	7
24.62	59	600	3.7	6480	1060	DL KA57	S2	34	7
23.26	62	600	3.9	6280	1040	DL KAF57	S2	39	7
20.47	71	580	4.3	5910	1010				7
18.46	79	560	4.6	5740	1010				7
16.05	90	535	5.1	5430	2020				8
14.03	103	510	5.5	5190	2000				8
12.00	121	395	5.0	5160	1870	DL K57	S3	37	10
11.34	128	395	5.3	5150	1760	DL KF57	S3	41	10
9.98	145	395	6.0	4750	1710	DL KA57	S3	36	10
9.00	161	390	6.6	4650	1680	DL KAF57	S3	41	10
7.83	185	365	7.1	4430	1680				11
6.84	212	345	7.7	4190	1670				11

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK67S.., ne=1450 1/min								
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size	重量 Weight [kg]	低齿隙值 Low backlash φ(/R) [']
143.08	10	840	0.9	10300	1530			7
123.59	12	840	1.0	10300	1530			7
108.20	13	840	1.2	10300	1510			7
101.66	14	840	1.3	10300	1510			7
90.36	16	840	1.4	10300	1490			7
76.81	19	840	1.7	10300	1470	DL K67 S2	38	7
69.45	21	840	1.8	10300	1460	DL KF67 S2	40	7
60.24	24	840	2.1	10300	1440	DL KA67 S2	35	7
56.93	25	840	2.2	10300	1430	DL KAF67 S2	40	7
50.09	29	840	2.5	10300	1400			7
45.18	32	840	2.8	10300	1380			7
39.29	37	840	3.2	10300	1360			7
36.12	40	840	3.5	10300	900			8
30.70	47	840	4.2	10300	1840			8
27.76	52	840	4.6	10300	1810			8
24.08	60	800	5.0	10500	1800			8
22.76	64	780	5.2	10700	1810			8
20.03	72	780	5.9	10800	1760			8
18.06	80	780	6.6	11000	1750	DL K67 S3	40	8
15.71	92	750	7.2	11300	1740	DL KF67 S3	42	8
13.73	106	700	7.7	11500	1710	DL KA67 S3	37	8
12.44	117	500	6.1	12000	1650	DL KAF67 S3	42	9
11.75	123	500	6.5	12300	1550			9
10.34	140	500	7.3	11800	1540			9
9.33	155	480	7.8	11500	1540			10
8.11	179	480	9.0	11100	1570			10
7.09	205	460	9.3	10700	1550			10

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK77S.., ne=1450 1/min								
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size	重量 Weight [kg]	低齿隙值 Low backlash φ(R) [']
134.68	11	1600	1.8	15400	1350			6
126.80	11	1600	1.9	15400	1350			6
113.20	13	1600	2.1	15400	1310			6
96.87	15	1600	2.5	15400	1280			6
88.00	16	1600	2.8	15400	1270	DL K77 S2	63	6
77.11	19	1600	3.2	15400	1250	DL KF77 S2	69	6
73.11	20	1600	3.3	15400	1240	DL KA77 S2	61	6
63.58	23	1600	3.8	15400	1210	DL KAF77 S2	64	6
58.75	25	1600	4.1	15400	1170			6
51.65	28	1600	4.7	15400	1140			6
45.69	32	1600	5.3	15400	1130			6
40.62	36	1600	6.0	15400	2090	DL K77 S3	65	6
34.27	42	1600	7.1	15800	1450	DL KF77 S3	71	6
32.12	45	1600	7.6	16300	1510	DL KA77 S3	63	7
30.46	48	1600	8.0	15400	1230	DL KAF77 S3	66	7
26.48	55	1600	9.2	15400	3290			7
24.47	59	1600	9.9	15400	3240			7
21.52	67	1550	10.9	15400	3170			7
19.04	76	1550	12.4	15700	3140			7
16.92	86	1500	13.5	16100	3120	DL K77 S4	69	7
14.28	102	1500	15.9	15500	3090	DL KF77 S4	75	7
12.34	118	900	11.1	14800	3050	DL KA77 S4	67	8
10.85	134	900	12.6	15100	2860	DL KAF77 S4	70	8
9.60	151	900	14.2	14400	2790			8
8.53	170	900	16.0	13900	2790			9
7.20	201	830	17.5	13500	2800			9

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK87S..., ne=1450 1/min								
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size	重量 Weight [kg]	低齿隙值 Low backlash φ(/R) [']
175.09	8.3	2700	2.3	28100	1150			6
165.21	8.8	2700	2.5	28100	1140			6
148.15	9.8	2700	2.8	28100	1120	DL K87	S2	91
127.67	11	2700	3.2	28100	1090	DL KF87	S2	105
116.55	12	2700	3.5	28100	1080	DL KA87	S2	88
102.27	14	2700	4.0	28100	1060	DL KAF87	S2	99
86.00	17	2700	4.8	28100	1010			6
79.21	18	2700	5.2	28100	1940			6
70.36	21	2700	5.8	27400	1900	DL K87	S3	95
62.94	23	2700	6.5	26200	1870	DL KF87	S3	110
56.61	26	2700	7.2	25000	1830	DL KA87	S3	92
49.28	29	2700	8.3	23500	1770	DL KAF87	S3	105
44.15	33	2700	9.3	22800	1760			6
36.86	39	2700	11.1	21400	1700			6
31.99	45	2600	12.3	19200	2750			7
28.42	51	2600	13.9	18500	2750			7
25.42	57	2400	14.3	18000	2750			7
22.87	63	2200	14.6	17900	2840	DL K87	S4	98
19.90	73	2100	16.0	16800	2730	DL KF87	S4	110
17.83	81	2100	17.9	16300	2730	DL KA87	S4	95
14.89	97	2100	21	16000	2020	DL KAF87	S4	105
12.63	115	2000	24	14800	2620			7
11.47	126	1500	20	14900	2370			7
10.27	141	1500	22	14200	5570			7
8.58	169	1400	25	13500	5520	DL KF87	S5	125
7.28	199	1300	27	13200	5570	DL KAF87	S5	120

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK97S.., ne=1450 1/min								
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size	重量 Weight [kg]	低齿隙值 Low backlash φ(R) [']
153.21	9	4300	4.3	40000	1740			7
140.30	10	4300	4.7	40000	1730			7
123.64	12	4300	5.3	40000	1720	DL K97	S3	155
105.22	14	4300	6.2	40000	1680	DL KF97	S3	190
97.21	15	4300	6.7	40000	1650	DL KA97	S3	155
86.92	17	4300	7.5	38800	1610	DL KAF97	S3	170
78.29	19	4300	8.3	37100	1570			7
70.93	20	4300	9.2	35600	1530			7
62.33	23	4300	10.5	33800	3520	DL K97	S4	160
56.37	26	4300	11.6	32300	3470	DL KF97	S4	195
48.82	30	4300	13.4	30000	3390	DL KA97	S4	160
41.18	35	4300	15.1	28300	3320	DL KAF97	S4	175
38.54	38	4300	16.9	27100	5270			8
34.47	42	4300	18.9	25700	5200			8
31.04	47	4300	21	24500	5130	DL K97	S5	175
28.12	52	4300	23	23300	5050	DL KF97	S5	210
24.71	59	4300	26	22000	4960	DL KA97	S5	170
22.35	65	4300	29	20900	4860	DL KAF97	S5	190
19.36	75	4300	34	19100	4660			8
16.33	89	4300	38	17800	4500			8
14.03	103	4300	47	16100	7180	DL K97	S6	190
12.17	119	4200	50	16200	7280	DL KF97	S6	225
						DL KA97	S6	185
						DL KAF97	S6	205
10.62	137	2900	41	16400	4300	DL K97	S5	175
						DL KF97	S5	210
						DL KA97	S5	170
						DL KAF97	S5	190
9.13	159	2700	45	15800	7230	DL K97	S6	190
						DL KF97	S6	225
						DL KA97	S6	185
						DL KAF97	S6	205

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK107S..., ne=1450 1/min												
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size		重量 Weight [kg]	低齿隙值 Low backlash φ(/R) [']			
142.42	10	8000	8.5	65000	3090	DL K107	S3	260	6			
						DL KF107	S3	275	6			
						DL KA107	S3	255	6			
						DL KAF107	S3	265	6			
120.92	12	8000	10.0	61700	3030	DL K107	S4	270	6			
112.22	13	8000	10.8	59700	2980				6			
100.62	14	8000	12.1	57000	2940				6			
90.87	16	8000	13.4	54600	2850				6			
82.56	18	8000	14.7	52400	2810				6			
73.49	20	8000	16.5	49700	2740				6			
66.73	22	8000	18.2	47600	2680				6			
56.90	25	8000	21	44400	2560				6			
49.85	29	8000	24	42000	2450				6			
42.46	34	8000	29	40500	5720				DL K107	S5	285	6
37.15	39	8000	33	38500	5640	DL KF107	S5	300	6			
33.25	44	7200	33	36200	3150	DL KA107	S5	265	6			
						DL KAF107	S5	280	7			
29.60	49	7200	37	34000	6580	DL K107	S6	295	7			
26.87	54	7200	41	32000	6460				7			
22.92	63	7200	48	28900	6250				7			
20.08	72	7200	54	26300	6010				7			
17.10	85	6360	56	29000	6470				7			
14.96	97	5560	56	29500	6770				7			
12.35	117	4550	56	28500	6160				9			
12.11	120	4500	56	27600	6010				9			
10.32	141	3800	56	27800	6470				9			
9.03	161	3300	55	27800	6620				9			
7.45	195	2770	56	27800	6800				DL KA107	S6	280	9
									DL KAF107	S6	295	9

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK127S..., ne=1450 1/min									
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size		重量 Weight [kg]	低齿隙值 Low backlash φ(R) [']
143.50	10	13000	13.8	81300	2410	DL K127	S4	510	6
133.21	11	13000	14.8	81300	2340	DL KF127	S4	540	6
119.88	12	13000	16.5	81300	2250	DL KA127	S4	480	6
108.68	13	13000	18.2	81300	2110	DL KAF127	S4	520	6
89.01	16	13000	22	75100	5380	DL K127	S5	520	6
81.22	18	13000	24	72100	5320	DL KF127	S5	560	6
70.04	21	13000	28	67700	5200	DL KA127	S5	490	6
61.25	24	13000	32	64000	5100	DL KAF127	S5	530	6
53.06	27	13000	37	59900	4960				
46.96	31	13000	42	56500	4820				
39.51	37	13000	50	52000	7530	DL K127	S6	530	6
						DL KF127	S6	570	6
						DL KA127	S6	500	6
						DL KAF127	S6	540	6
32.05	45	13000	62	45900	10300	DL K127	S7	540	6
32.50	45	13000	61	44300	9550	DL KF127	S7	580	6
28.42	51	13000	69	39800	8500	DL KA127	S7	510	6
24.62	59	13000	80	38500	8300	DL KAF127	S7	550	6
21.79	67	13000	91	36500	24400				6
18.33	79	13000	108	33100	24000				6
14.87	98	13000	133	31800	23900	DL K127	S8	560	6
13.26	109	8000	92	35400	24000	DL KF127	S8	590	6
12.51	116	8000	97	34800	24000	DL KA127	S8	530	8
11.16	130	8000	109	34100	24000	DL KAF127	S8	560	8
9.05	160	8000	134	32700	24000				9

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK157S..., ne=1450 1/min									
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size		重量 Weight [kg]	低齿隙值 Low backlash φ(R) [']
125.38	12	18000	22	106500	5050				6
102.01	14	18000	27	98000	4890	DL K157	S5	790	6
93.29	16	18000	29	94400	4820	DL KF157	S5	820	6
81.18	18	18000	34	88900	4700	DL KA157	S5	720	6
71.64	20	18000	38	84200	4580	DL KAF157	S5	780	6
62.11	23	18000	44	79000	4420				6
						DL K157	S6	800	6
55.26	26	18000	49	74900	7230	DL KF157	S6	830	6
						DL KA157	S6	730	6
						DL KAF157	S6	790	6
46.89	31	18000	58	70000	17100	DL K157	S7	810	6
38.70	37	18000	71	63300	16800	DL KF157	S7	840	6
						DL KA157	S7	740	6
						DL KAF157	S7	800	6
32.82	44	18000	83	58200	23600				6
30.34	48	18000	90	58200	24000				6
28.67	51	18000	95	58300	24000	DL K157	S8	820	6
24.86	58	18000	110	50000	23000	DL KF157	S8	850	6
22.11	66	18000	124	47000	22700	DL KA157	S8	750	6
18.76	77	18000	146	43200	22300	DL KAF157	S8	810	6
15.49	94	18000	176	38200	21500				6
14.65	99	18000	187	37600	21500				6
13.13	110	18000	208	36700	21300				6

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.3 DLK..S.. 双轴型减速机技术参数表

5.3 Selection tables of DLK..S..gearmotors (double shaft)

DLK167S..., ne=1450 1/min									
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size		重量 Weight [kg]	低齿隙值 Low backlash φ(/R) [']
138.07	11	32000	35	150000	5490	DL K167	S6	1130	5
112.58	13	32000	43	150000	5450	DL KH167	S6	1070	5
90.43	16	32000	54	148000	13400	DL K167 DL KH167	S7 S7	1130 1070	5
79.87	18	32000	61	143000	12900				5
69.73	21	32000	70	140100	12800				5
62.24	23	32000	78	128500	11600				5
53.08	27	32000	92	110500	7900				5
44.11	33	32000	110	11000	24700	DL K167 DL KH167	S8 S8	1150 1090	5
37.68	38	32000	129	101000	24400				5
34.67	42	32000	140	99700	24200				5
30.95	47	32000	157	101000	21700				5
26.39	55	32000	184	85000	19400				5
21.93	66	32000	222	77500	19000				5
18.74	77	32000	249	75000	19100				5

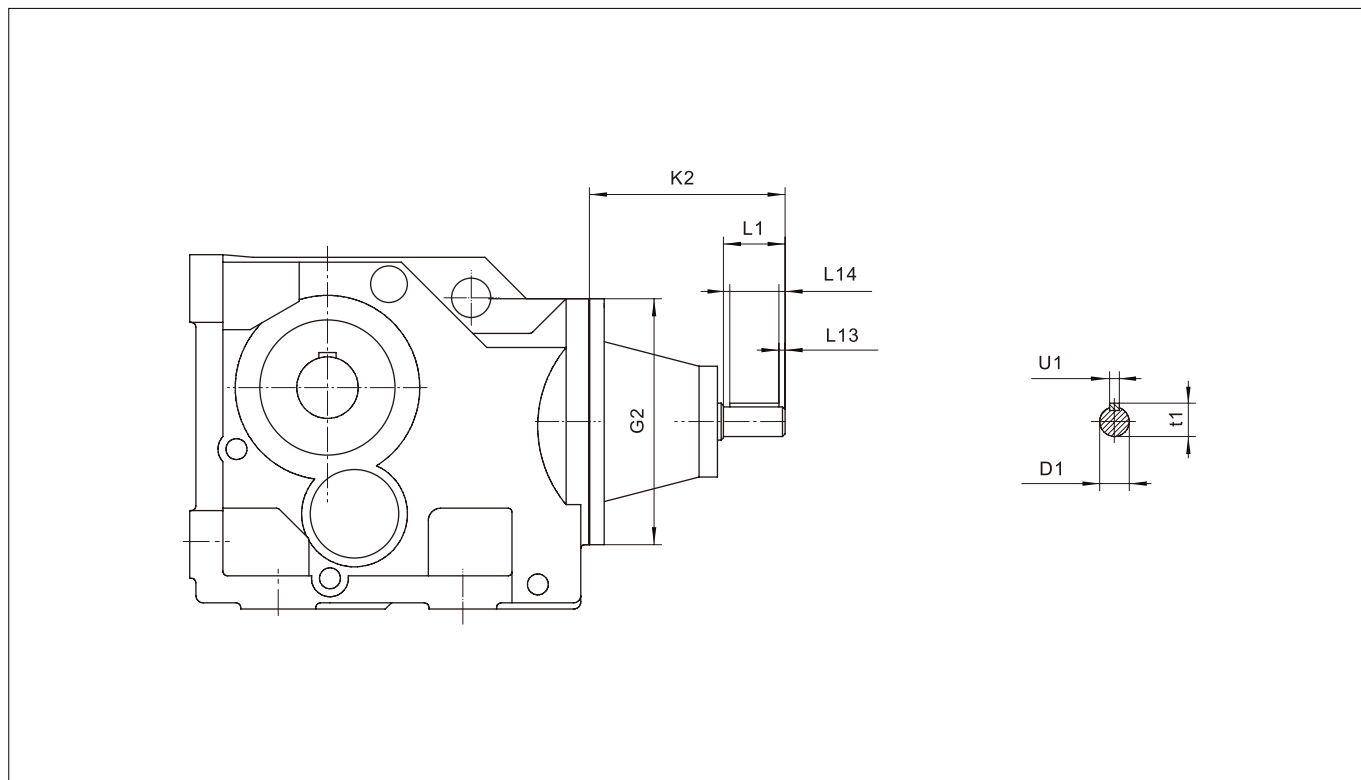
DLK187S..., ne=1450 1/min									
减速比 Ratio i	转速 Speed na [r/min]	转矩 Torque Ma [Nm]	功率 Power Pm [Kw]	径向力 Overhung load FRa* [N]	径向力 Overhung load FRe* [N]	规格 Size		重量 Weight [kg]	低齿隙值 Low backlash φ(/R) [']
169.53	8.6	50000	45	189900	5930	DL K187	S6	1820	4
155.72	9.3	50000	49	189900	5620	DL KH187	S6	1720	4
142.96	10.1	50000	53	188500	14600				4
136.29	10.6	50000	56	188200	14400	DL K187 DL KH187	S7 S7	1820 1720	4
122.24	11.9	50000	62	177200	13600				4
107.22	13.5	50000	71	169900	13200				4
96.30	15.1	50000	79	159000	25500	DL K187 DL KH187	S8 S8	1840 1740	4
82.95	17.5	50000	92	147000	25200				4
69.71	20.8	50000	109	137500	24900				4
60.36	24.0	50000	126	126100	24400				4
50.30	28.8	50000	151	116600	23900				4
42.89	33.8	47000	166	128200	20900				5
43.73	33.2	46000	160	128200	20800				5
36.54	39.7	44000	183	116000	19200				5
31.63	45.8	43000	206	101000	18700				5
26.36	55.0	42000	242	100000	19000				5
22.48	64.5	36700	248	101500	20200				5

* FRa 代表输出轴在中心点的许用径向力
FRe 代表输入轴在中心点的许用径向力

* FRa represent allowed radial force at the center point of the output shaft.
FRe represent allowed radial force at the center point of the input shaft

5.4 DLK..S.. 双轴型减速机外形及安装尺寸图表

5.4 Dimensions of DLK..S..gearmotors



型号 Type	S	D1	G2	K2	L1	L14	L13	U1	t1
DLK..37	S1	16	120	102	40	32	4	5	18
	S2	19		130	40	32	4	6	21.5
DLK..47 DLK..57 DLK..67	S2	19	160	123	40	32	4	6	21.5
	S3	24		159	50	40	5	8	27
		24		159	50	40	5	8	27
DLK..77	S2	19	200	116	40	32	4	6	21.5
	S3	24		151	50	40	5	8	27
	S4	38		224	80	70	5	10	41
DLK..87	S2	19	250	111	40	32	4	6	21.5
	S3	28		156	60	50	5	8	31
	S4	38		219	80	70	5	10	41
	S5	42		292	110	70	10	12	45
DLK..97	S3	28	300	151	60	50	5	8	31
	S4	38		214	80	70	5	10	41
	S5	42		287	110	70	10	12	45
	S6	48		327	110	80	10	14	51.5
DLK..107	S3	28	350	145	60	50	5	8	31
	S4	38		208	80	70	5	10	41
	S5	42		281	110	70	10	12	45
	S6	48		321	110	80	10	14	51.5
DLK..127	S4	38	450	193	80	70	5	10	41
	S5	42		266	110	70	10	12	45
	S6	48		306	110	80	10	14	51.5
	S7	55		300	110	90	10	16	59
	S8	70		383	140	110	15	20	74.5
DLK..157 DLK..167 DLK..187	S5	42	550	258	110	70	10	12	45
	S6	48		298	110	80	10	14	51.5
	S7	55		292	110	90	10	16	59
	S8	70		374	140	110	15	20	74.5

注：其余安装尺寸同相应的机座号。

Note: All other unmarked mounting dimensions are the same as corresponding frame size.

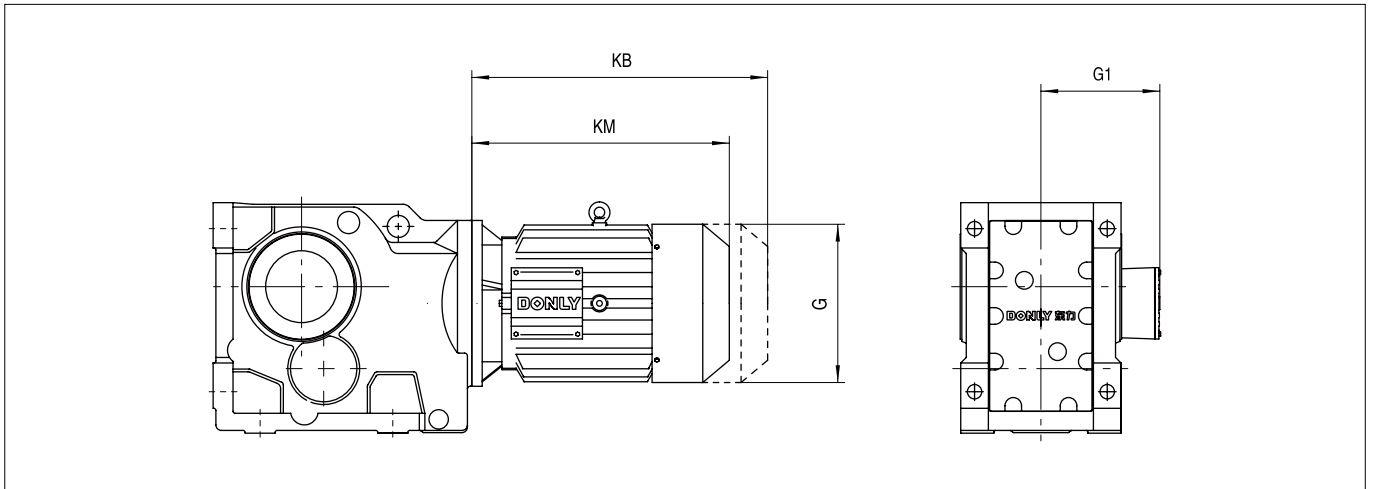
5.5 DLK..YPG.. 变频辊道减速电机技术参数表

5.5 Selection tables of DLK..YPG..gearmotors for roller table powered by inverter

机座号 Size	功率 Power kW	电机规格 motor	额定输出功率 Speed rpm	参考重量 Weight kg
57	1.5	YPG100L1-4	70 78 90 103 120 127 144 160 184 211	62
67	1.5	YPG100L1-4	52 60 63 72	65
	2.2	YPG100L2-4	80 92 106 140 155 179 205	68
77	1.5	YPG100L1-4	28 32 35	90
	2.2	YPG100L2-4	42 55 59	92
	3.0	YPG112M-4	67 76	100
	4.0	YPG132S-4	76 86 102 134 151 170 201	120
87	1.5	YPG100L1-4	17 18 20	120
	2.2	YPG100L2-4	23 26	122
	3.0	YPG112M-4	29 33	130
	4.0	YPG132S-4	39 51 57	150
	5.5	YPG132M-4	64 74 82	160
97	7.5	YPG160M-4	98 116 128 143	170
	1.5	YPG100L1-4	10 12 14	180
	2.2	YPG100L2-4	14 15 17	182
	3.0	YPG112M-4	19 20 23	190
	4.0	YPG132S-4	26 30 35	210
	5.5	YPG132M-4	36 47 52	220
	7.5	YPG160M-4	47 52	230
	9.2	YPG160L-4	59 66	250
107	11.0	YPG160L-4	66 76 90 104 120 138 160	265
	2.2	YPG100L2-4	12 13	290
	3.0	YPG112M-4	14 16 18	295
	4.0	YPG132S-4	14 16 18	320
	5.5	YPG132M-4	20 22	330
	7.5	YPG160M-4	26 29	340
	9.2	YPG160L-4	35 39	360
	11.0	YPG160L-4	39 49 55	380
	15.0	YPG180M-4	64 73	405
127	18.5	YPG180L-4	73 86	425
	22	YPG200L-4	86 98 119 121 142 162 197	480
	5.5	YPG132M-4	13 16 18	560
	7.5	YPG160M-4	16 18 21	570
	9.2	YPG160L-4	21 24	590
	11.0	YPG160L-4	24 28 31	610
	15.0	YPG180M-4	30 34 40 45 53	640
	18.5	YPG180L-4	46 52 60	660
	22	YPG200L-4	46 52 60	710
157	30	YPG225S-4	67 80	760
	37	YPG225M-4	80 99 111 132 162	780
	9.2	YPG160L-4	14 16	860
	11.0	YPG160L-4	18 21	870
	15.0	YPG180M-4	24 27	910
	18.5	YPG180L-4	27 31	920
	22	YPG200L-4	38 45	980
	30	YPG225S-4	45 51 59	1020
	37	YPG225M-4	59 66	1050
167	45	YPG250M-4	67 79 95	1140
	55	YPG280S-4	95 112	1230
	9.2	YPG160L-4	11 13	1180
	11.0	YPG160L-4	13 16	1200
	15.0	YPG180M-4	13 16 18	1240
	18.5	YPG180L-4	16 18 21 24	1250
	22	YPG200L-4	18 21 24	1310
	30	YPG225S-4	28 33	1350
	37	YPG225M-4	33 39	1380
187	45	YPG250M-4	39 43 48	1460
	55	YPG280S-4	48 56 67	1550
	15.0	YPG180M-4	8.5 9.5 10 11 12	1930
	18.5	YPG180L-4	10 11 12 14	1940
	22	YPG200L-4	12 14 15	2000
	30	YPG225S-4	17 21	2040
187	37	YPG225M-4	21 24	2070
	45	YPG250M-4	24 29	2150
	55	YPG280S-4	29 34 40	2240

5.6 DLK..YPG.. 变频辊道减速电机外形及安装尺寸图表

5.6 Dimensions of DLK..YPG.. gearmotors



YPG	100	112M	132S	132M	132L	160	180	200	225	250	280
G(AC)	191×191	215×215	255×255	255×255	255×255	310×310	480×480	Φ420	Φ470	Φ510	Φ580
G1(AD)	165	175	195	195	195	240	260	305	335	365	400
KB	425	445	515	515	540	640	700	815	875	955	1090
KM	355	370	430	430	455	535	585	680	705	785	900

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake.

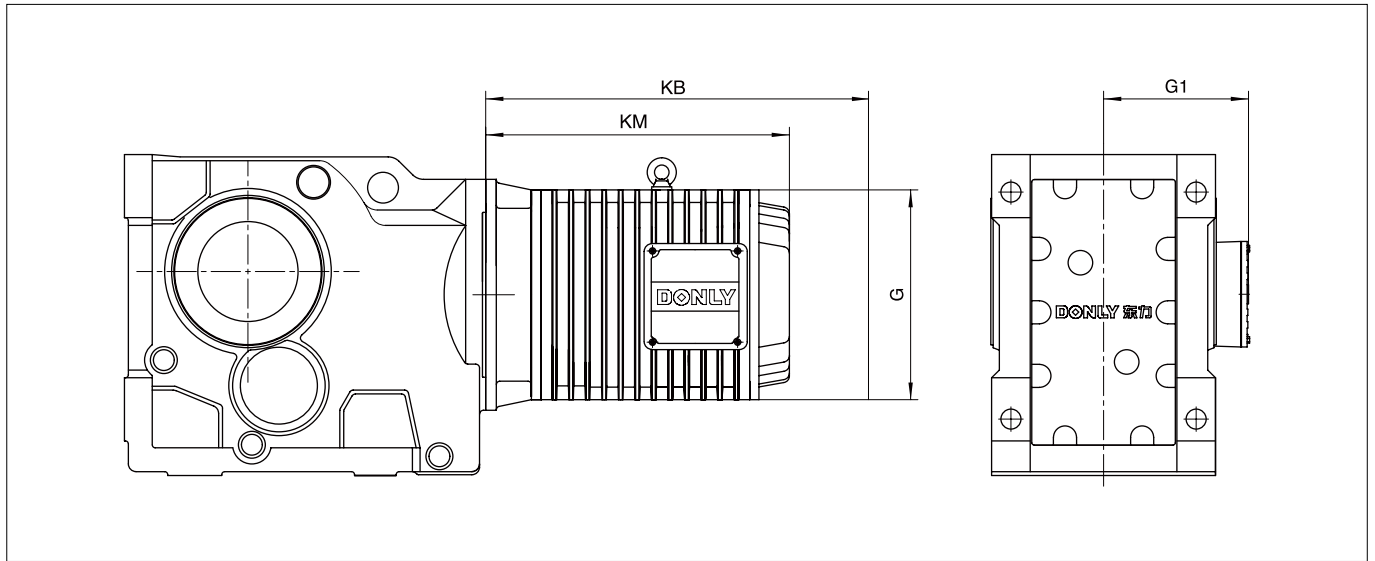
5.7 DLK..YGP.. 变频辊道减速电机技术参数表

5.7 Selection tables of DLK..YGP..gearmotors for roller table powered by inverter

机座号 Size	功率 Power kW	电机规格 motor	额定输出功率 Speed rpm	参考重量 Weight kg
67	2.2	YGP112L-4	70 78 90 103 120 127 144 160 184 211	96
	2.2	YGP112L-4	55 59	115
77	3.0	YGP132M1-4	67 76	147
	4.0	YGP132M2-4	86 102 140 155 179 205	154
87	2.2	YGP112L-4	26 29 33	146
	3.0	YGP132M1-4	39 51 57	178
	4.0	YGP132M2-4	51 57 64 73	185
	5.5	YGP160S-4	82 98 116 127 142	222
97	2.2	YGP112L-4	17 19 20 23 26	216
	3.0	YGP132M1-4	23 26	248
	4.0	YGP132M2-4	30 35 47 52	255
	5.5	YGP160S-4	47 52	292
	7.5	YGP160L1-4	52 59 65	322
	11	YGP160L2-4	90 104 120	350
107	15	YGP180L-4	120 138 160	402
	2.2	YGP112L-4	14 16 18	316
	3.0	YGP132M1-4	14 16 18	348
	4.0	YGP132M2-4	20 22 26 29 34	355
	5.5	YGP160S-4	22 26 29 34	392
	7.5	YGP160L1-4	29 34 39	422
127	11	YGP160L2-4	49 55	450
	15	YGP180L-4	73 86 98 119 122 143 163 198	502
	3.0	YGP132M1-4	12	508
	4.0	YGP132M2-4	13 16 18	515
	5.5	YGP160S-4	13 16 18	552
	7.5	YGP160L1-4	18 21 24	582
	11	YGP160L2-4	28 31	610
	15	YGP180L-4	37 46 52	662
	18.5	YGP200L1-4	46 52 60	712
	22	YGP200L2-4	60 68	747
157	25	YGP225M-4	60 68	820
	30	YGP250M1-4	80 99 111	910
	37	YGP250M2-4	100 112 133 163	980
	7.5	YGP160L1-4	14 16 18 21	832
	11	YGP160L2-4	21 24	860
	15	YGP180L-4	27 31	912
	18.5	YGP200L1-4	31 38	962
	22	YGP200L2-4	38 45	997
167	30	YGP250M1-4	59 66	1070
	37	YGP250M2-4	66 78	1230
	45	YGP280L1-4	79 95 113	1360
	7.5	YGP160L1-4	11 13	1208
	11	YGP160L2-4	13 16	1236
	15	YGP180L-4	16 18	1288
	18.5	YGP200L1-4	18 21 24	1338
	22	YGP200L2-4	24 28	1373
187	30	YGP250M1-4	33 39	1536
	37	YGP250M2-4	39 43 48	1606
	45	YGP280L1-4	43 48 56	1736
	11	YGP160L2-4	8.5 9.5 10 11 12	1800
	15	YGP180L-4	10 11 12	1852
	18.5	YGP200L1-4	12 14	1902
187	22	YGP200L2-4	14 15	1937
	30	YGP250M1-4	19 21	2100
	37	YGP250M2-4	24 29	2170
	45	YGP280L1-4	29 34	2300

5.8 DLK..YGP.. 变频锯道减速电机技术参数表

5.8 Dimensions of DLK..YGP..gearmotors



YGP	112	132	160M	160L	180	200	225	250	280
G(AC)	230	265	325	325	360	415	465	510	550
G1(AD)	205	220	250	250	290	320	340	380	415
KB	545	590	650	730	785	835	870	1045	1120
KM	370	400	430	510	545	600	650	795	860

注：KB 为带制动器的长度。

Note: KB is the length dimension with brake.

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