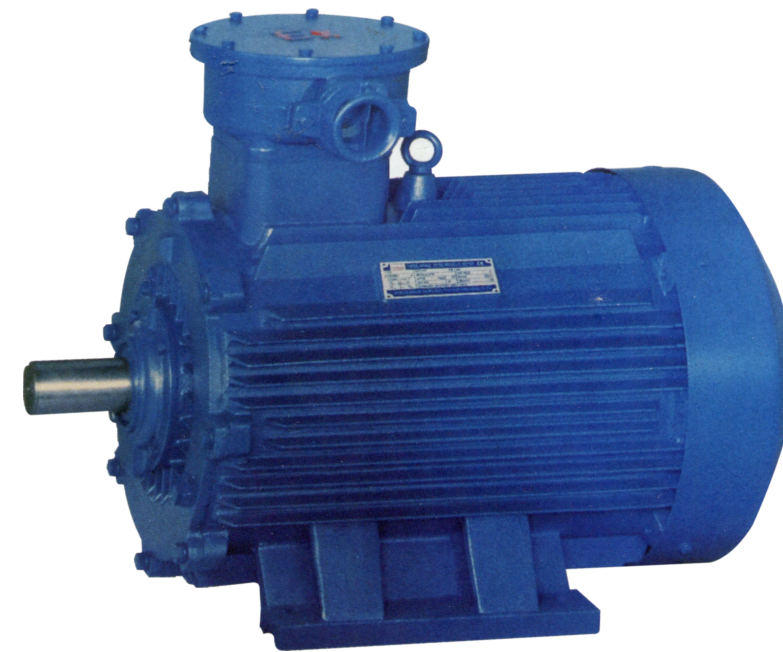


技术数据 Technical data 2极、4极、5极 380V/50Hz 2pole、4pole、6pole 380V 50Hz

型号 Type	额定功率		电流 IN (A)			转速 r/min	效率 Eff η%	功率因数 P.F	额定转矩 Tn N.m	堵转转矩 额定转矩 Tst Tn	最大转矩 额定转矩 Tmax Tn	堵转电流 额定电流 Ist In	惯量 10 ⁻³ kgm ²	噪声 dB(A)	重量 Kg
	KW	HP	380V	400V	415V										
MS-63M1-2	0.18	0.25	0.53	0.50	0.49	2720	65	0.8	0.63	2.2	2.2	5.5	0.00031	58	4.8
MS-63M2-2	0.25	0.35	0.69	0.66	0.63	2720	68	0.81	0.88	2.2	2.2	5.5	0.00060	58	5.1
MS-71M1-2	0.37	0.5	0.99	0.94	0.91	2740	70	0.81	1.29	2.2	2.2	6.1	0.00075	61	6.0
MS-71M2-2	0.55	0.75	1.40	1.33	1.28	2740	73	0.82	1.92	2.2	2.3	6.1	0.00090	61	6.5
MS-80M1-2	0.75	1.0	1.77	1.62	1.62	2830	77.4	0.83	2.53	2.2	2.3	6.1	0.00120	64	8.7
MS-80M2-2	1.1	1.5	2.50	2.38	2.29	2830	79.6	0.84	3.71	2.2	2.3	7.0	0.00140	64	9.5
MS-90S-2	1.5	2.0	3.34	3.17	3.06	2840	81.3	0.84	5.04	2.2	2.3	7.0	0.00290	69	11.8
MS-90L-2	2.2	3.0	4.73	4.49	4.33	2840	83.2	0.85	7.40	2.2	2.3	7.0	0.00550	69	13.5
MS-100L-2	3.0	4.0	6.19	5.88	5.67	2870	84.6	0.87	9.98	2.2	2.3	7.5	0.01090	73	21.0
MS-112M-2	4.0	5.5	8.05	7.65	7.37	2890	85.8	0.88	13.22	2.2	2.3	7.5	0.01260	74	28.0
MS-132S1-2	5.5	7.5	10.9	10.4	10.0	2900	87	0.88	18.11	2.2	2.3	7.5	0.03770	77	39.0
MS-132S2-2	7.5	10	14.7	14.0	13.5	2900	88.1	0.88	24.70	2.2	2.3	7.5	0.04990	77	44.5
MS-132M-2	9	12	17.6	16.6	16.0	2930	88.1	0.88	29.6	2.2	2.3	7.5	0.0510	77	46.5
MS-160M1-2	11	15	21	20.0	19.2	2930	89.4	0.89	35.85	2.2	2.3	7.5	0.05500	83	69.2
MS-160M2-2	15	20	28.4	27.0	26.0	2930	90.3	0.89	48.89	2.2	2.3	7.5	0.07500	83	78.0
MS-160L-2	18.5	25	34.4	32.7	31.5	1310	90.9	0.90	60.30	2.2	2.3	7.5	0.12400	83	88.5
MS-63M1-4	0.12	0.18	0.44	0.42	0.40	1310	57.0	0.72	0.87	2.1	2.3	4.4	0.00050	48	4.8
MS-63M2-4	0.18	0.25	0.62	0.59	0.57	1330	60.0	0.73	1.31	2.1	2.2	4.4	0.00060	48	5.1
MS-71M1-4	0.25	0.35	0.79	0.75	0.72	1330	65.0	0.74	1.80	2.1	2.2	5.2	0.00080	53	6.0
MS-71M2-4	0.37	0.5	1.12	1.06	1.03	1390	67.0	0.75	2.66	2.1	2.2	5.5	0.00130	53	6.3
MS-80M1-4	0.55	0.75	1.57	1.49	1.44	1390	71.0	0.75	3.78	2.4	2.2	5.2	0.00180	58	9.4
MS-80M2-4	0.75	1	1.88	1.79	1.72	1400	73.0	0.76	5.15	2.3	2.3	6.0	0.00210	58	10.8
MS-90S-4	1.1	1.5	2.67	2.54	2.44	1400	75.0	0.77	7.5	2.3	2.3	6.0	0.00230	59	12.0
MS-90L-4	1.5	2	3.48	3.31	3.19	1430	78.0	0.79	10.23	2.3	2.3	6.0	0.00270	59	13.8
MS-100L1-4	2.2	3	4.9	4.65	4.49	1430	80.0	0.81	14.69	2.3	2.3	7.0	0.00540	61	21
MS-100L2-4	3	4	6.5	6.18	5.95	140	82.0	0.82	20.03	2.3	2.3	7.0	0.00670	61	23.5
MS-112M-4	4	5.5	8.56	8.13	7.84	1440	84.0	0.82	26.53	2.3	2.3	7.0	0.00950	62	29.5
MS-132S-4	5.5	7.5	11.5	10.9	10.5	1440	85.0	0.83	36.48	2.3	2.3	7.0	0.02140	69	41.0
MS-132M-4	7.5	10	15.3	14.5	14.0	1440	87.0	0.84	49.74	2.3	2.3	7.0	0.02960	69	47.5
MS-132M1-4	9	12	18.3	17.4	16.8	1460	87.0	0.84	59.69	2.3	2.3	7.0	0.03806	69	48.5
MS-160M1-4	11	15	22.2	21.1	20.3	1460	88.0	0.84	71.95	2.3	2.3	7.0	0.07470	72	72.5
MS-160L-4	15	20	29.6	28.1	27.1	1460	89.0	0.85	98.12	2.2	2.3	7.5	0.09180	72	85.6
MS-63M1-6	0.09	0.12	0.52	0.49	0.48	840	44.0	0.60	1.02	2.2	2.3	3.5	0.00025	48	4.8
MS-63M2-6	0.12	0.18	0.63	0.60	0.58	840	48.0	0.60	1.36	1.8	1.9	3.5	0.00040	48	5.1
MS-71M1-6	0.18	0.25	0.74	0.70	0.68	850	56.0	0.66	2.02	1.8	1.9	4.0	0.00110	49	6.0
MS-71M2-6	0.25	0.37	0.95	0.90	0.87	850	59.0	0.68	2.81	1.9	2.0	4.0	0.00140	49	6.3
MS-80M1-6	0.37	0.5	1.3	1.24	1.19	890	62	0.70	3.97	1.9	2.0	4.7	0.00160	51	8.9
MS-80M2-6	0.55	0.75	1.79	1.70	1.64	890	65.0	0.72	5.90	1.9	2.0	4.7	0.00190	51	10.4
MS-90S-6	0.75	1	2.09	1.99	1.91	910	69.0	0.72	7.87	1.9	2.1	5.5	0.00290	54	12.1
MS-90L-6	1.1	1.5	2.93	2.78	2.68	910	72.0	0.73	11.54	2.0	2.1	5.5	0.00350	54	13.7
MS-100L-6	1.5	2	3.81	3.62	3.49	940	76.0	0.75	15.24	2.0	2.1	5.5	0.00690	58	23.0
MS-112M-6	2.2	3	5.38	5.11	4.93	940	79.0	0.76	22.35	2.0	2.1	6.5	0.01400	62	28.2
MS-132S-6	3	4	7.2	6.84	6.59	960	81.0	0.76	29.84	2.1	2.1	6.5	0.02860	66	40.3
MS-132M1-6	4	5.5	9.45	8.98	8.65	960	82.0	0.76	39.79	2.1	2.1	6.5	0.03570	66	43.0
MS-132M2-6	5.5	7.5	12.0	11.50	11.00	960	84.0	0.77	54.71	2.1	2.1	6.5	0.04490	66	47.2
MS-160M-6	7.5	10	17	16.2	15.60	970	87.0	0.77	73.84	2.0	2.1	6.5	0.08100	70	70.6
MS-160L-6	11	15	24.2	23.0	22.20	970	89.0	0.78	108.30	2.0	2.1	6.5	0.11600	70	85.0



YB3

YB3 系列隔爆型三相异步电动机 EXPLOSION-PROOF THREE-PHASE ASYNCHRONOUS MOTOR

YB3系列隔爆型三相异步电动机(机座号63~355),按照GB3836.1-2010《爆炸性环境第1部分:设备通用要求》和GB3836.2-2010《爆炸性环境第2部分:由隔爆外壳“D”保护的设备及MT451-2010《煤矿用隔爆型低压三相异步电动机安全性能通用技术规范》的要求,制成隔爆型。防爆标志为:EXDIGB、EXDIIBT4MB。适用于含有甲烷或煤尘的煤矿井下固定式设备上(EXDIGB)或含有II类A、B级T1~T4组(EXDIIA4MB、EXDIIIBT4MB)可燃性气体或蒸气与空气形成的爆炸性混合物的场所内的设备上,作为一般动力设备使用。

YB3 series explosion-proof three-phase asynchronous motor(Frame range 63~355) is produced according to the following requirement: GB3836.1-2010《The explosive environment part one: the general requirement of the equipment》,GB3836.2-2010《The explosive environment part two: the equipment of explosion-proof case to protect》and MT451-2011《The general safety specification of the coal mine explosion-proof, low-voltage, three-phase asynchronous motor》.The explosion mark is EXDI GB、EXD II BT4 MB. It's suitable to use the fixture which is in the mine include the methane and core dust(EXDI GB), or the equipment, which is in the place include the explosive mixture (the type II, rate A and B, from T1~T4 (EXD II AT4 MB、EXD II BT4 MB) of the flammable gas or steam and the air, normally it's used in the power equipment.

使用范围及使用条件 Operation situation and operation condition

级别 Rank	组别 Group			
	T1	T2	T3	T4
HA	甲烷、乙烷、丙烷、苯乙烯、甲苯、二甲苯、一氧化碳、醋酸 Methane, Ethane, Propane, Styrene, Toluol, Xylol, Carbon monoxide, Ethylic acid	丁烷、丙烷、乙苯、甲醇、乙醇、丙醇、丁醇 Butane, Propane, ethylbenzene, carbinol, Alcoho, propyl alcohol, Butanol	烷、己烷、庚烷、辛烷、癸烷、环己烷、煤油、柴油、汽油 Akyll, Ethane, Heptane, Octane, Cyclohexane, Coal oil, Diesel oil, Gasoline	
HB	丙炔、环丙烷、焦炉煤气 Allylene, Cyclopropane, Ethyl oxide, Coal oven gas, alcohol tetrahydrofuran, Tetrafluoroethylene	乙烯、1,3-丁二烯环氧乙烷、1,2-环氧丙烷 Ethylene, 1,3-Butadiene epoxy Ethane, 1,2-propylene epoxide	二甲醚、丙烯醚、甲氧基醇四咪唑、硫化氢 Orthophthalaldehyde, Acrylic aldehyde Hydrogen furfuryl, Hepatic gas	乙基甲苦醚、二乙醚、四氟乙醚 Bitter ethyl ether, diethyl ether, tetrafluoroethylene

- 1、环境空气温度随季节而变化,但不超过35°C(煤矿井下)或40°C(工厂),环境空气最低温度为-15°C。
- 2、海拔不超过1000m。
- 3、环境空气最大相对湿度不高于25°C(工厂用)。
- 4、额定电压为380V、660V、1140V、380V/660V、660/1140V。
- 5、额定频率50Hz。
- 6、电动机的定额是以连续工作制(S1)为基准的连续定额,允许满压启动。
- 7、电动机采用F级绝缘,定绕组的温升(电阻法)按80K考核(其中机座号315L的2、4极和机座号355,允许按105K考核)。

技术数据 Technical data

额定电压: 380V 基频: 50HZ

型号 Type	额定功率		电流 (A)	转速 r/min	效率 Eff η%	功率因数 P.F	堵转电流 额定电流 $\frac{I_{st}}{I_n}$	堵转转矩 额定转矩 $\frac{T_{st}}{T_n}$	最大转矩 额定转矩 $\frac{T_{max}}{T_n}$	噪声 dB(A)	振动 Kg
	KW	HP									
YB3-63M1-2	0.18	0.24	0.52	2730	65	0.8	5.6	2.3	2.2	61	1.8
YB3-63M2-2	0.25	0.33	0.69	2730	68	0.81	5.6	2.3	2.2	61	1.8
YB3-71M1-2	0.37	0.5	0.99	2750	69	0.81	6.3	2.3	2.2	64	1.8
YB3-71M2-2	0.55	0.75	1.38	2790	75	0.83	6.3	2.3	2.3	64	1.8
YB3-80M1-2	0.75	1	1.8	2825	77.5	0.83	6.8	2.3	2.3	62	1.6
YB3-80M2-2	1.1	1.5	2.43	2825	82.8	0.83	7.3	2.3	2.3	62	1.6
YB3-90S-2	1.5	2	3.2	2840	84.1	0.84	7.6	2.3	2.3	67	1.6
YB3-90L-2	2.2	3	4.6	2840	85.6	0.85	7.8	2.3	2.3	67	1.6
YB3-100L-2	3	4	6.3	2880	86.7	0.87	8.1	2.3	2.3	74	1.6
YB3-112M-2	4	5.5	7.9	2890	87.6	0.88	8.3	2.3	2.3	77	1.6
YB3-132S1-2	5.5	7.5	10.7	2900	88.6	0.88	8	2.2	2.3	79	1.6
YB3-132S2-2	7.5	10	14.3	2900	89.5	0.89	7.8	2.2	2.3	79	2.2
YB3-160M1-2	11	15	20.7	2930	90.5	0.89	7.9	2.2	2.3	81	2.2
YB3-160M2-2	15	20	28	2930	91.3	0.89	8	2.2	2.3	81	2.2
YB3-160L-2	18.5	25	34.4	2930	91.8	0.89	8.1	2.2	2.3	81	2.2
YB3-180M-2	22	30	40.7	2940	92.2	0.89	8.2	2.2	2.3	83	2.2
YB3-200L1-2	30	40	55.1	2950	92.9	0.89	7.5	2.2	2.3	84	2.2
YB3-200L2-2	37	50	67.7	2950	93.3	0.89	7.5	2.2	2.3	84	2.2
YB3-225M-2	45	60	82	2970	93.7	0.89	7.6	2.2	2.3	86	2.2
YB3-250M-2	55	75	99.9	2970	94	0.89	7.6	2.2	2.3	89	2.2
YB3-280S-2	75	100	135.3	2970	94.6	0.89	6.9	2	2.3	91	2.2
YB3-280M-2	90	125	161.7	2970	95	0.89	7	2	2.3	91	2.8
YB3-315S-2	110	150	195.5	2980	95	0.9	7.1	2	2.2	92	2.8
YB3-315M-2	132	180	233.6	2980	95.4	0.9	7.1	2	2.2	92	2.8
YB3-315L1-2	160	215	280	2980	95.4	0.91	7.1	2	2.2	92	2.8
YB3-315L2-2	200	270	350	2980	95.4	0.91	7.1	2	2.2	92	2.8
YB3-355M-2	250	340	549	2980	95.8	0.91	7.1	2	2.2	100	2.8
YB3-355L-2	315	420	435.7	2980	95.8	0.91	7.1	2	2.2	100	1.6
同步转速 1500r/min											
YB3-63M1-4	0.12	0.16	0.44	1320	58	0.72	4.5	2.3	2.2	52	1.8
YB3-63M2-4	0.18	0.24	0.61	1320	63	0.73	4.5	2.3	2.2	52	1.8
YB3-71M1-4	0.25	0.33	0.78	1350	66	0.74	5.3	2.3	2.2	55	1.8
YB3-71M2-4	0.37	0.5	1.08	1350	69	0.75	5.3	2.3	2.2	55	1.8
YB3-80M1-4	0.55	0.75	1.4	1390	80.7	0.75	6.3	2.3	2.3	56	1.6
YB3-80M2-4	0.75	1	1.8	1390	82.3	0.75	6.5	2.3	2.3	56	1.6
YB3-90S-4	1.1	1.5	2.7	1400	83.8	0.75	6.6	2.3	2.3	59	1.6
YB3-90L-4	1.5	2	3.6	1400	85	0.75	6.9	2.3	2.3	59	1.6
YB3-100L1-4	2.2	3	4.8	1420	86.4	0.81	7.5	2.3	2.3	64	1.6
YB3-100L2-4	3	4	6.4	1420	87.4	0.82	7.6	2.3	2.3	64	1.6
YB3-112M-4	4	5.5	8.4	1440	88.3	0.82	7.7	2.3	2.3	65	1.6
YB3-132S-4	5.5	7.5	11.4	1440	89.2	0.82	7.5	2	2.3	71	1.6
YB3-132M-4	7.5	10	15.2	1440	90.1	0.83	7.4	2	2.3	71	1.6
YB3-160M-4	11	15	21.6	1460	91	0.85	7.5	2.2	2.3	73	2.2
YB3-160L-4	15	20	28.9	1460	91.8	0.86	7.5	2.2	2.3	73	2.2
YB3-180M-4	18.5	25	35.4	1470	92.2	0.86	7.7	2.2	2.3	76	2.2
YB3-180L-4	22	30	42	1470	92.6	0.86	7.8	2.2	2.3	76	2.2
YB3-200L-4	30	40	56.9	1470	93.2	0.86	7.2	2.2	2.3	76	2.2
YB3-225S-4	37	50	69.8	1480	93.6	0.86	7.3	2.2	2.3	78	2.2
YB3-225M-4	45	60	84.7	1480	93.9	0.86	7.4	2.2	2.3	78	2.2
YB3-250M-4	55	75	103.1	1480	94.2	0.86	7.4	2.2	2.3	79	2.2
YB3-280S-4	75	100	136.7	1480	94.7	0.88	6.7	2.2	2.3	80	2.2
YB3-280M-4	90	125	163.6	1480	95	0.88	6.9	2.2	2.3	80	2.2
YB3-315S-4	110	150	199.1	1485	95.4	0.88	6.9	2.2	2.2	88	2.8
YB3-315M-4	132	180	238.9	1485	95.4	0.88	6.9	2.2	2.2	88	2.8
YB3-315L1-4	160	215	286.3	1485	95.4	0.89	6.9	2.2	2.2	88	2.8
YB3-315L2-4	200	270	357.9	1485	95.4	0.89	6.9	2.2	2.2	88	2.8
YB3-355M-4	250	340	440.5	1490	95.8	0.9	6.9	2.2	2.2	95	2.8
YB3-355L-4	315	420	555.1	1490	95.8	0.9	6.9	2.2	2.2	95	2.8

技术数据 Technical data

额定电压: 380V 基频: 50HZ

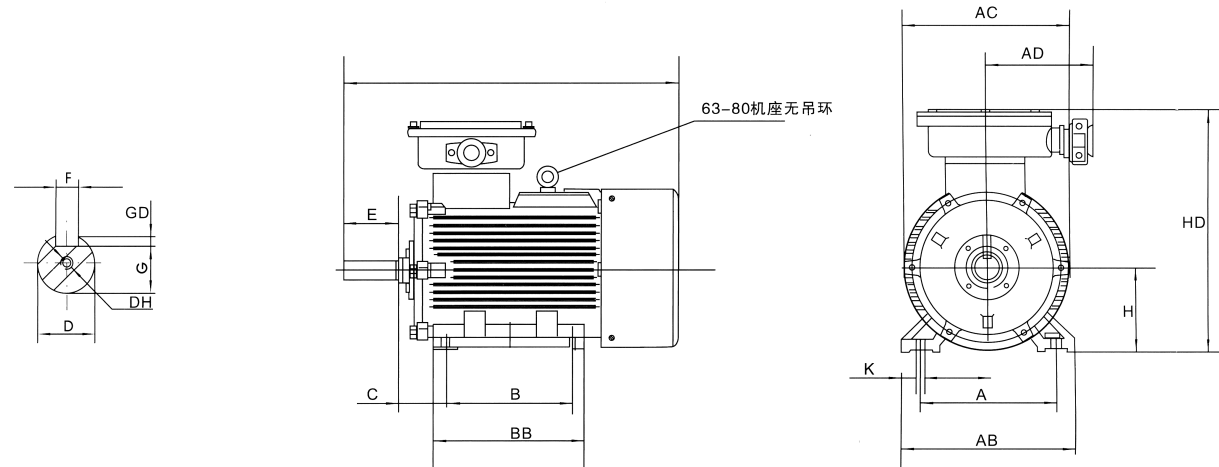
型号 Type	额定功率		电流 (A)	转速 r/min	效率 Eff η%	功率因数 P.F	堵转电流 额定电流 $\frac{I_{st}}{I_n}$	堵转转矩 额定转矩 $\frac{T_{st}}{T_n}$	最大转矩 额定转矩 $\frac{T_{max}}{T_n}$	噪声 dB(A)	振动 Kg
	KW	HP									
YB3-71M1-6	0.18	0.24	0.71	865	62	0.66	4	2	2.1	52	1.8
YB3-71M2-6	0.25	0.33	0.92	865	63	0.68	4	2	2.1	52	1.8
YB3-80M1-6	0.37	0.35	1.27	865	63	0.7	4	2	2	54	1.7
YB3-80M2-6	0.55	0.75	1.54	870	75.4	0.72	4	2.1	2	55	1.7
YB3-90S-6	0.75	1	2.3	910	77.7	0.72	5.8	2.1	2.1	57	1.6
YB3-90L-6	1.1	1.5	2.9	910	79.9	0.73	5.9	2.1	2.1	57	1.6
YB3-100L-6	1.5	2	3.8	940	81.5	0.74	6	2.1	2.1	61	1.6
YB3-112M-6	2.2	3	5.4	940	83.4	0.74	6	2.1	2.1	65	1.6
YB3-132S-6	3	4	7.9	960	84.9	0.74	6.2	2.1	2.1	69	1.6
YB3-132M1-6	4	5.5	8.4	960	86.1	0.74	6.8	2.1	2.1	69	1.6
YB3-132M2-6	5.5	7.5	12.7	960	87.4	0.75	7.1	2.1	2.1	69	1.6
YB3-160M-6	7.5	10	16.4	970	89	0.78	6.7	2.1	2.1	70	2.2
YB3-160L-6	11	15	23.5	970	90	0.79	6.9	2.1	2.1	70	2.2
YB3-180L-6	15	20	30.9	970	91	0.81	7.2	2.1	2.1	73	2.2
YB3-200L1-6	18.5	25	37.9	970	91.5	0.81	7.2	2.1	2.1	73	2.2
YB3-200L2-6	22	30	44.3	970	92	0.82	7.3	2.1	2.1	73	2.2
YB3-225M-6	30	40	60.8	980	92.5	0.81	7.1	2.1	2.1	74	2.2
YB3-250M-6	37	50	72	980	93	0.84	7.1	2.1	2.1	76	2.2
YB3-280S-6	45	60	85	980	93.5	0.86	7.2	2	2	78	2.2
YB3-280M-6	55	75	103.6	985	93.8	0.86	7.2	2	2	78	2.2
YB3-315S-6	75	100	142.3	985	94.2	0.85	6.7	2	2	83	2.8
YB3-315M-6	90	125	172.3	985	94.5	0.86	6.7	2	2	83	2.8
YB3-315L1-6	110	150	207	985	95	0.86	6.7	2	2	83	2.8
YB3-315L2-6	132	180	245.5	985	95	0.87	6.7	2	2	83	2.8
YB3-355M1-6	160	215	296.7	990	93	0.88	6.7	2	2	85	2.8
YB3-355M3-6	200	270	370.9	990	93	0.88	6.7	2	2	85	2.8
YB3-355L2-6	250	340	463.6	990	93	0.88	6.7	2	2	85	2.8
同步转速 750r/min											
YB3-801-8	0.18	0.24	0.86	710	52	0.61	1.8	3.3	1.9	52	1.8
YB3-802-8	0.25	0.33	1.13	710	55	0.61	1.8	3.3	1.9	52	1.8
YB3-90S-8	0.37	0.5	1.44	710	63	0.62	1.8	4	2	56	1.8
YB3-90L-8	0.55	0.75	2.07	710	64	0.63	1.8	4	2	56	1.8
YB3-100L1-8	0.75	1	2.36	710	71	0.68	1.8	4	2	59	1.8
YB3-100L2-8	1.1	1.5	3.32	710	73	0.69	1.8	4	2	59	1.8
YB3-112M-8	1.5	2	4.4	710	75	0.69	1.8	5.5	2	59	1.8
YB3-132S-8	2.2	3	5.6	710	79	0.69	1.8	6	2	61	1.8
YB3-132M-8	3	4	7.6	710	81	0.73	1.8	6	2.2	64	1.8
YB3-160M1-8	4	5.5	10.3	720	81	0.75	1.9	6	2.2	68	2.8
YB3-160M2-8	5.5	7.5	13.4	720	83	0.76	1.9	6	2.2	68	2.8
YB3-160L-8	7.5	10	17.6	720	85	0.76	1.9	6.5	2.2	68	2.8
YB3-180L-8	11	15	25.3	730	87	0.76	1.9	6.5	2.2	70	2.8
YB3-200L-8	15	20	33.7	730	89	0.78	2	6.5	2.2	70	2.8
YB3-225S-8	18.5	25	40	730	90	0.78	2	6	2.2	73	2.8
YB3-225M-8	22	30	47.4	730	90.5	0.79	2	6.5	2.2	73	2.8
YB3-250M-8	30	40	63.4	730	91	0.79	1.9	6.5	2	73	3.5
YB3-280S-8	37	50	77.8	740	91.5	0.79	1.8	6.5	2	75	3.5
YB3-280M-8	45	60	94.1	740	92	0.79	1.8	6.5	2.2	76	3.5
YB3-315S-8	55	75	111.2	740	92.8	0.81	1.9	6	2.2	82	3.5
YB3-315M-8	75	100	151.3	740	93	0.81	1.9	6.5	2.2	82	3.5
YB3-315L1-8	90	125	177.8	740	93.8	0.82	1.9	6.5	2.2	82	3.5
YB3-315L2-8	110	150	216.8	740	94						

YB3 系列隔爆三相异步电动机

YB3 series explosion-proof three-phase asynchronous motor

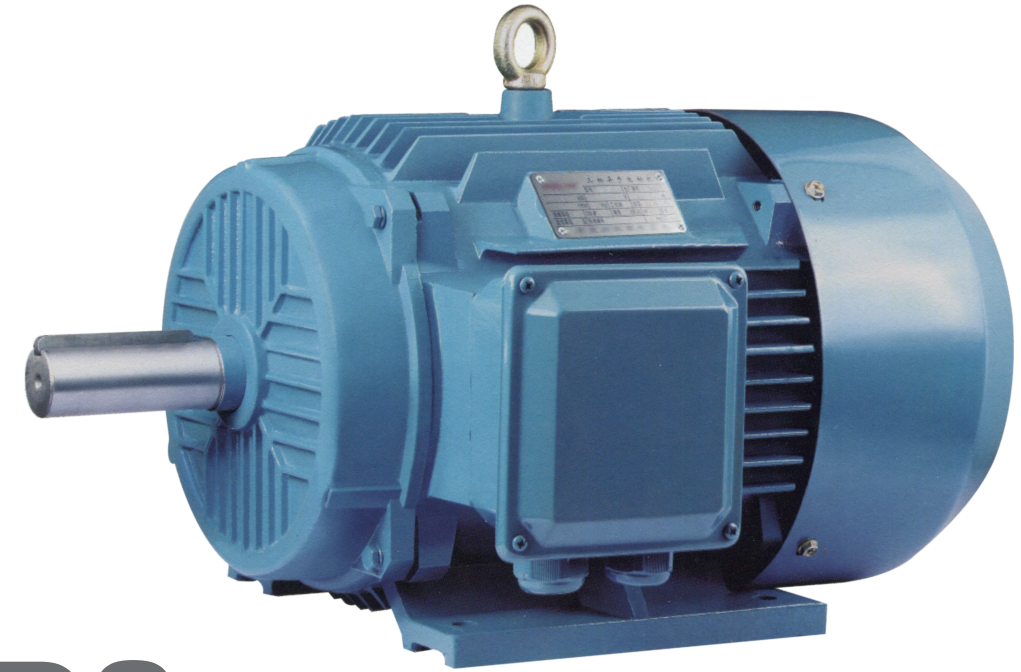
外形及安装尺寸
series mounting and overall dimensions

YB3(63-355)IM B3 安装及外形尺寸



单位:mm

机座号 Frame size	极数 Poles	安 装 尺 寸 Fixing Measurement										外 形 尺 寸 Figure size						
		A	B	C	D	E	F	G	GD	H	K	AB	AC	AD	BB	HD	L	DH
63M	2.4	100	80	40	11	23	4	8.5	2.5	63	7	130	150	165	110	230	241	M4×10
71M	2.4.6	112	90	45	14	30	5	11	3	71	7	140	155	165	140	250	272	M5×12
80M	2.4.6.8	125	100	50	19	40	6	15.5	3.5	80	10	165	165	180	130	320	320	M6×16
90S	2.4.6.8	140	100	56	24	50	8	20	4	90	12	180	180	180	135	350	370	M8×19
90L	2.4.6.8	140	125	56	24	50	8	20	4	90	12	180	180	180	160	350	395	M8×19
100L	2.4.6.8	160	140	63	28	60	8	24	4	100	12	200	205	180	180	400	448	M10×22
112M	2.4.6.8	190	140	70	28	60	8	24	4	112	12	245	230	200	180	420	500	M10×22
132S	2.4.6.8	216	140	89	38	80	10	33	5	132	15	280	270	200	190	450	550	M12×28
132M	2.4.6.8	216	178	89	38	80	10	33	5	132	15	280	270	200	230	450	600	M12×28
160M	2.4.6.8	254	210	108	42	110	12	37	5	160	15	330	325	200	260	520	720	M16×36
160L	2.4.6.8	254	254	108	42	110	12	37	5	160	15	330	325	220	310	520	750	M16×36
180M	2.4.6.8	279	241	121	48	110	14	42.5	5.5	180	19	355	360	200	241	550	771	M16×36
180L	2.4.6.8	279	279	121	48	110	14	42.5	5.5	180	19	355	360	200	279	550	791	M16×36
200L	2.4.6.8	318	305	133	55	110	16	49	6	200	19	390	400	250	370	645	840	M20×42
225S	4.8	356	286	149	60	140	18	53	7	225	19	435	450	250	355	690	888	M20×42
225M	2	356	311	149	55	110	16	49	6	225	19	435	450	250	380	690	918	M20×42
	4.6.8	356	311	149	60	140	18	53	7	225	19	435	450	250	380	690	918	M20×42
250M	2	406	349	168	60	140	18	53	7	250	24	490	500	300	420	730	965	M20×42
	4.6.8	406	349	168	65	140	18	58	7	250	24	490	500	300	420	730	965	M20×42
280S	2	457	368	190	65	140	18	58	7	280	24	545	565	300	440	810	1007	M20×42
	4.6.8	457	368	190	75	140	20	67.5	7.5	280	24	545	565	300	440	810	1007	M20×42
280M	2	457	419	190	65	140	18	58	7	280	24	545	565	300	480	810	1072	M20×42
	4.6.8	508	419	190	75	140	20	67.5	7.5	280	24	545	565	300	490	810	1072	M20×42
315S	2	508	406	216	65	140	18	58	7	315	28	640	630	400	570	1020	1185	M20×42
	4.6.8.10	508	406	216	80	170	22	71	9	315	28	640	630	400	570	1020	1185	M20×42
315M	2	508	457	216	65	140	18	58	7	315	28	640	630	400	680	1020	1305	M20×42
	4.6.8.10	508	457	216	80	170	22	71	9	315	28	640	630	400	680	1020	1305	M20×42
315L	2	508	508	216	65	140	18	58	7	315	28	640	630	400	680	1020	1305	M20×42
	4.6.8.10	508	508	216	80	170	22	71	9	315	28	640	630	400	680	1020	1305	M20×42
355S	2	500	500	254	75	140	20	67.5	7.5	355	28	740	750	500	640	1080	1415	M20×42
	4.6.8.10	500	500	254	95	170	25	86	9	355	28	740	750	500	640	1080	1415	M24×50
355M	2	560	560	254	75	140	20	67.5	7.5	355	28	740	750	500	700	1080	1495	M20×42
	4.6.8.10	560	560	254	95	170	25	86	9	355	28	740	750	500	700	1080	1495	M24×50
355L	2	630	630	254	75	140	20	67.5	7.5	355	28	740	750	500	770	1080	1645	M20×42
	4.6.8.10	630	630	254	95	170	25	86	9	355	28	740	750	500	770	1080	1645	M24×50



YD2

YD2 系列超高效率三相异步电动机

CHANGE-POLES MULTI-SPEED THREE-PHASE ASYNCHRONOUS MOTOR

适用于：要求随负载的性质逐级调速的各种传动机械如机床、矿山、冶金、纺织、印染、化工等行业。

特点：采用改变绕组的接法来变换电机的转速和输出功率，使其与机械设备的负载特性相匹配，简化了变速系统，高效、节能。

变速方案：双速、三速、四速

Applications: widely used in such industry which have step changes of rotational speed to meet the requirements of load character, as machine tools, mining, metallurgy, textile, printing and dyeing, chemical industry and agricultural machinery, etc.

Features: simplify speed-changing systems by changing the connection to obtain different output and speed.

Pole-changing mode: double, three or four speed.

产品相关参数:

机座中心高: 80 ~ 280mm

功率范围: 0.35 ~ 82kW

额定电压: 380V (其他电压需另订协议)

额定频率: 50Hz (或60Hz)

防护等级: IP54 (或IP55)

绝缘等级: F/H级

工作制: S1

Technical Data:

Centre height of frame: 80-280mm

Power range: 0.35-82kW

Rated voltage: 380V (special should order)

Rated frequency: 50Hz or 60Hz

Protection class: IP54 or IP55

Insulation class: F/H

Duty type: S1