



YE3

系列三相异步电动机

SERIES THREE-PHASE ASYNCHRONOUS MOTOR





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产品概述 Product introduction

YE3 系列三相异步电动机符合 GB 18613-2012 《中小型三相异步电动机能效限定值及能效等级》中规定的二级效率标准。同时，符合 IEC 60034-30-1: 2014 标准的 IE3 能效等级。

其提高效率设计，符合国家对生产制造行业提出节能降耗的要求。

YE3 系列电机的安装尺寸符合 IEC 60034 标准。具有结构合理，外形美观，效率高，噪音低，防护等级、绝缘等级高等优点，可广泛应用于风机、水泵、机床、压缩机和运输机械等驱动各种通用机械设备，也可在石油、化工、钢铁、矿山等其它环境比较恶劣的场所使用。

YE3 series three-phase asynchronous motor is in line with the second efficiency standard in the provisions of GB18613-2012 "Minimum allowable values of energy efficiency and energy efficiency grades for small and medium three-phase asynchronous motors". Meanwhile, IE3 efficiency standard is also satisfied in the provisions of IEC 60034-30-1:2014.

Improvement on design of efficiency is in line with the state's requirements on the energy saving and consumption reducing of the manufacturing sector.

YE3 series motors with the mounting dimension in accordance with standard IEC 60034, it has good features like, optimum structure, attractive appearance, low noise, high efficiency, high protection class as well as high insulation class.

YE3 series motors can be widely used in various kinds of general use machineries like fans, pumps, machine tools, compressors, transportation and so on, and can also be used in the hazardous areas with oil and chemical, steel plants,

详细说明 Specification

◆现场条件

YE3 系列电动机可适用于大多数的场合及环境。电动机标准工作条件为 -20°C 到 +40°C，海拔 1000 米。

◆温升和绝缘

电动机按 F 级绝缘设计（155°C），按 B 级绝缘考核（80K），电动机的使用寿命和可靠性得到保证。

◆冷却和通风

标准冷却方式为全封闭自扇冷（TEFC）。标准电机装有轴流式塑料风扇。符合 IEC 60034-6 中 IC411 的规定。

◆防护等级

电动机的防护等级为 IP55，可用于含尘或潮湿环境。也可根据客户要求提供更高防护等级的电动机。

◆电机保护

可根据要求安装 PTC、PT100 等绕组和轴承测温及保护装置。

◆电压、频率

标准电机为 380V/50HZ。可设计 200-660V 范围内任意电压的 50Hz 的电动机。在供电电压偏离额定电压 ±5% 的情况下，仍能良好运行。

◆振动

YE3 系列电动机在空载时振动速度等级符合 A 级。特殊要求时，可提供 B 级电动机。

◆接线盒位置

接线盒在机座上方或右侧为标准 YE3 系列电机。

◆质量保证

从产品设计到产品出厂，遵循 ISO9001 质量认证体系，严格遵守质量程序。

Site conditions

YE3 series motors are suitable for almost all applications and operate satisfactorily at temperature from -20°C to +40°C and altitudes up to 1000 meters above sea level.

Temperature and insulation

F class (155 °C) insulation system and temperature rise class B (80K) are adopted to the motor, which increase the motor useful life and reliability.

Cooling and ventilation

The standard cooling method is totally Enclosed Fan Cooled (TEFC) in accordance with IC411 of IEC 60034-6. Standard motors are equipped with centrifuge plastic fans.

Protection class

The standard protection degree of motor is IP55, which make moist and dusty condition is also allowable. Higher degree of protection is also available according to customer's requirement.

Motor protection

The protection and measurement equipment to Winding and bearing such as PTC, PT100 are available on request.

Voltage and frequency

Standard voltage and frequency is 380V/ 50HZ, special value on voltage and frequency is available on request. The motors will operate satisfactorily with variations of ±5% from the rated voltage.

Vibration

Standard vibration class is A during no-load condition; higher vibration class B is available on request.

Terminal box location

Terminal box at the top or right of frame is the standard YE3 motor.

Quality assurance

Stringent quality procedures are observed from first design to finished products in accordance with ISO9001 documented quality systems.

技术数据 Technical Data

2极 - 同步转速 3000r/min 50Hz 2pole-3000 rpm synchronous speed 50Hz

型号 motor type	额定 功率 rated output kW	额定 转速 rated speed rpm	额定 电流 IFL 380V A	额定 电流 IFL 400V A	额定 电流 IFL 415V A	额定 电流 IFL 525V A	效率 EFF %	功率 因数 power factor cosφ	额定 转矩 rated torque N.m	堵转 转矩 TST/TFL	最大 转矩 TM/TFL	堵转 电流 IST/IFL	转动 惯量 M of I kgm ²	噪音 noise level LW dB(A)	重量 net weight kg
YE3-80M1-2	0.75	2855	1.7	1.6	1.6	1.2	80.7%	0.82	2.5	2.3	2.3	7	0.001	62	19
YE3-80M2-2	1.1	2855	2.4	2.3	2.2	1.8	82.7%	0.83	3.7	2.2	2.3	7.3	0.002	62	20
YE3-90S-2	1.5	2875	3.2	3.1	3.0	2.3	84.2%	0.84	5.0	2.2	2.3	7.6	0.002	67	23
YE3-90L-2	2.2	2875	4.6	4.3	4.2	3.3	85.9%	0.85	7.3	2.2	2.3	7.6	0.003	67	32
YE3-100L-2	3	2880	6.0	5.7	5.5	4.4	87.1%	0.87	9.9	2.2	2.3	7.8	0.006	74	45
YE3-112M-2	4	2900	7.8	7.4	7.2	5.7	88.1%	0.88	13.2	2.2	2.3	8.3	0.009	77	50
YE3-132S1-2	5.5	2900	10.6	10.1	9.7	7.7	89.2%	0.88	18.1	2	2.3	8.3	0.024	79	66
YE3-132S2-2	7.5	2900	14.4	13.7	13.2	10.4	90.1%	0.88	24.7	2	2.3	7.9	0.029	79	75
YE3-160M1-2	11	2940	20.6	19.6	18.9	14.9	91.2%	0.89	35.7	2	2.3	8.1	0.067	81	115
YE3-160M2-2	15	2940	27.9	26.5	25.5	20.2	91.9%	0.89	48.7	2	2.3	8.1	0.080	81	125
YE3-160L-2	18.5	2940	34.2	32.5	31.3	24.7	92.4%	0.89	60.1	2	2.3	8.2	0.097	81	148
YE3-180M-2	22	2955	40.5	38.5	37.1	29.3	92.7%	0.89	71.1	2	2.3	8.2	0.137	83	192
YE3-200L1-2	30	2965	54.9	52.1	50.3	39.7	93.3%	0.89	96.6	2	2.3	7.6	0.227	84	245
YE3-200L2-2	37	2965	67.4	64.0	61.7	48.8	93.7%	0.89	119.2	2	2.3	7.6	0.269	84	265
YE3-225M-2	45	2970	80.8	76.8	74.0	58.5	94.0%	0.9	144.7	2	2.3	7.7	0.360	86	320
YE3-250M-2	55	2975	98.5	93.5	90.2	71.3	94.3%	0.9	176.6	2	2.3	7.7	0.791	89	435
YE3-280S-2	75	2975	133.7	127.0	122.4	96.8	94.7%	0.9	240.8	1.8	2.3	7.1	0.960	91	560
YE3-280M-2	90	2975	159.9	151.9	146.4	115.8	95.0%	0.9	288.9	1.8	2.3	7.1	1.157	91	600
YE3-315S-2	110	2980	195.1	185.3	178.6	141.2	95.2%	0.9	352.5	1.8	2.3	7.1	1.662	92	930
YE3-315M-2	132	2980	222.8	221.9	213.9	169.1	95.4%	0.9	423.0	1.8	2.3	7.1	1.874	92	1000
YE3-315L1-2	160	2980	279.4	265.5	255.9	202.3	95.6%	0.91	512.8	1.8	2.3	7.2	2.146	92	1120
YE3-315L-2	185	2980	322.8	306.6	295.5	233.6	95.7%	0.91	592.9	1.8	2.2	7.2	2.481	92	1140
YE3-315L2-2	200	2980	348.6	331.1	319.2	252.3	95.8%	0.91	640.9	1.8	2.2	7.2	2.448	92	1180
YE3-355M1-2	220	2980	383.4	364.3	351.1	277.5	95.8%	0.91	705.0	1.6	2.2	7.2	3.200	100	1560
YE3-355M2-2	250	2980	435.7	413.9	399.0	315.4	95.8%	0.91	801.2	1.6	2.2	7.2	3.800	100	1620
YE3-355L1-2	280	2980	488.0	463.6	446.8	353.2	95.8%	0.91	897.3	1.6	2.2	7.2	4.449	100	1720
YE3-355L2-2	315	2980	549.0	521.5	502.7	397.4	95.8%	0.91	1009.5	1.6	2.2	7.2	4.820	100	1830
YE3-3551-2	355	2980	618.7	587.8	566.5	447.8	95.8%	0.91	1137.6	1.6	2.2	7.2	5.200	104	2150
YE3-3552-2	375	2980	653.6	620.9	598.5	473.1	95.8%	0.91	1201.7	1.6	2.2	7.2	5.500	104	2280

技术数据 Technical Data

4极 - 同步转速 1500r/min 50Hz 4pole-1500 rpm synchronous speed 50Hz

型号 motor type	额定 功率 rated output kW	额定 转速 rated speed rpm	额定 电流 IFL 380V A	额定 电流 IFL 400V A	额定 电流 IFL 415V A	额定 电流 IFL 525V A	效率 EFF %	功率 因数 power factor cosφ	额定 转矩 rated torque N.m	堵转 转矩 TST/TFL	最大 转矩 TM/TFL	堵转 电流 IST/IFL	转动 惯量 M of I kgm ²	噪音 noise level LW dB(A)	重量 net weight kg
YE3-80M2-4	0.75	1400	1.8	1.7	1.7	1.3	82.5%	0.75	5.1	2.3	2.3	6.6	0.003	56	20
YE3-90S-4	1.1	1425	2.6	2.5	2.4	1.9	84.1%	0.76	7.4	2.3	2.3	6.8	0.004	59	27
YE3-90L-4	1.5	1425	3.5	3.3	3.2	2.5	85.3%	0.77	10.1	2.3	2.3	7	0.005	59	30
YE3-100L1-4	2.2	1440	4.8	4.5	4.4	3.4	86.7%	0.81	14.6	2.3	2.3	7.6	0.012	64	41
YE3-100L2-4	3	1440	6.3	6.0	5.8	4.6	87.7%	0.82	19.9	2.3	2.3	7.6	0.016	64	46
YE3-112M-4	4	1450	8.4	7.9	7.7	6.1	88.6%	0.82	26.3	2.2	2.3	7.8	0.022	65	54
YE3-132S-4	5.5	1455	11.2	10.7	10.3	8.1	89.6%	0.83	36.1	2	2.3	7.9	0.060	71	70
YE3-132M-4	7.5	1455	15.0	14.3	13.7	10.9	90.4%	0.84	49.2	2	2.3	7.5	0.071	71	80
YE3-160M-4	11	1465	21.5	20.4	19.7	15.6	91.4%	0.85	71.7	2.2	2.3	7.7	0.137	73	125
YE3-160L-4	15	1465	28.8	27.3	26.3	20.8	92.1%	0.86	97.8	2.2	2.3	7.8	0.171	73	150
YE3-180M-4	18.5	1470	35.3	33.5	32.3	25.5	92.6%	0.86	120.2	2	2.3	7.8	0.238	76	180
YE3-180L-4	22	1475	41.8	39.7	38.3	30.3	93.0%	0.86	142.4	2	2.3	7.8	0.259	76	210
YE3-200L-4	30	1475	56.6	53.8	51.9	41.0	93.6%	0.86	194.2	2	2.3	7.3	0.459	76	265
YE3-225S-4	37	1480	69.6	66.1	63.7	50.4	93.9%	0.86	238.8	2	2.3	7.4	0.656	78	327
YE3-225M-4	45	1480	84.4	80.2	77.3	61.1	94.2%	0.86	290.4	2	2.3	7.4	0.758	78	342
YE3-250M-4	55	1480	102.7	97.6	94.1	74.3	94.6%	0.86	354.9	2.2	2.3	7.4	1.078	79	450
YE3-280S-4	75	1485	136.3	129.5	124.8	98.7	95.0%	0.88	482.3	2	2.3	6.9	1.800	80	580
YE3-280M-4	90	1485	163.2	155.1	149.5	118.1	95.2%	0.88	578.8	2	2.3	6.9	2.130	80	635
YE3-315S-4	110	1485	196.8	187.0	180.2	142.5	95.4%	0.89	707.4	2	2.2	7	3.415	88	920
YE3-315M-4	132	1485	235.7	223.9	215.8	170.6	95.6%	0.89	848.9	2	2.2	7	3.807	88	1040
YE3-315L1-4	160	1485	285.1	270.9	261.1	206.4	95.8%	0.89	1029.0	2	2.2	7.1	3.423	88	1080
YE3-315L-4	185	1485	329.3	312.9	301.6	238.4	95.9%	0.89	1189.7	2	2.2	7.1	3.958	88	1150
YE3-315L2-4	200	1485	351.7	334.1	322.0	254.6	96.0%	0.9	1286.2	2	2.2	7.1	5.262	88	1200
YE3-355M1-4	220	1490	386.9	367.5	354.3	280.0	96.0%	0.9	1410.1	2.0	2.2	6.9	8.4	95	1660
YE3-355M2-4	250	1490	439.6	417.7	402.6	318.2	96.0%	0.9	1602.3	2.0	2.2	6.9	9.2	95	1750
YE3-355L1-4	280	1490	492.4	467.8	450.9	356.4	96.0%	0.9	1794.6	2.0	2.2	6.9	9.9	95	1860
YE3-355L2-4	315	1490	553.9	526.2	507.2	400.9	96.0%	0.9	2019.0	2.0	2.2	6.9	10.2	95	1920
YE3-3551-4	355	1490	638.5	606.5	584.6	462.1	96.0%	0.88	2275.3	1.7	2.2	6.5	11.4	102	2375
YE3-3552-4	375	1490	674.4	640.7	617.6	488.2	96.0%	0.9	2403.5	1.7	2.2	6.5	12.8	102	2420

技术数据 Technical Data

6极 - 同步转速 1000r/min 50Hz 6pole-1000 rpm synchronous speed 50Hz

型号 motor type	额定 功率 rated output kW	额定 转速 rated speed rpm	额定 电流 IFL 380V A	额定 电流 IFL 400V A	额定 电流 IFL 415V A	额定 电流 IFL 525V A	效率 EFF %	功率 因数 power factor cosφ	额定 转矩 rated torque N.m	堵转 转矩 TST/TFL	最大 转矩 TM/TFL	堵转 电流 IST/IFL	转动 惯量 M of I kgm ²	噪音 noise level LW dB(A)	重量 net weight kg
YE3-90S-6	0.75	935	2.0	1.9	1.9	1.5	78.9%	0.71	7.7	2.0	2.1	6	0.004	57	25
YE3-90L-6	1.1	940	2.8	2.7	2.6	2.0	81.0%	0.73	11.2	2.0	2.1	6	0.006	57	30
YE3-100L-6	1.5	945	3.8	3.6	3.5	2.7	82.5%	0.73	15.2	2.0	2.1	6.5	0.016	61	40
YE3-112M-6	2.2	950	5.4	5.1	4.9	3.9	84.3%	0.74	22.1	2.0	2.1	6.6	0.039	65	46
YE3-132S-6	3	960	7.2	6.8	6.6	5.2	85.6%	0.74	29.8	2.0	2.1	6.8	0.035	69	60
YE3-132M1-6	4	960	9.5	9.0	8.7	6.8	86.8%	0.74	39.8	2.0	2.1	6.8	0.043	69	70
YE3-132M2-6	5.5	960	12.7	12.0	11.6	9.2	88.0%	0.75	54.7	2.0	2.1	7	0.056	69	80
YE3-160M-6	7.5	970	16.2	15.4	14.8	11.7	89.1%	0.79	73.8	2.0	2.1	7	0.140	73	119
YE3-160L-6	11	970	23.1	22.0	21.2	16.7	90.3%	0.80	108.3	2.0	2.1	7.2	0.192	73	142
YE3-180L-6	15	975	30.9	29.3	28.2	22.3	91.2%	0.81	146.9	2.0	2.1	7.3	0.319	73	190
YE3-200L1-6	18.5	975	37.8	36.0	34.7	27.4	91.7%	0.81	181.2	2.0	2.1	7.3	0.446	73	230
YE3-200L2-6	22	975	44.8	42.5	41.0	32.4	92.2%	0.81	215.5	2.0	2.1	7.4	0.557	73	260
YE3-225M-6	30	985	59.1	56.2	54.1	42.8	92.9%	0.83	290.9	2.0	2.1	6.9	0.832	74	310
YE3-250M-6	37	985	71.7	68.1	65.7	51.9	93.3%	0.84	358.7	2.0	2.1	7.1	1.45	76	410
YE3-280S-6	45	985	85.8	81.6	78.6	62.1	93.7%	0.85	436.3	2.0	2.0	7.3	2.25	78	500
YE3-280M-6	55	985	103.3	98.1	94.6	74.7	94.1%	0.86	533.2	2.0	2.0	7.3	2.73	78	580
YE3-315S-6	75	990	143.4	136.2	131.3	103.8	94.6%	0.84	723.5	2.0	2.0	6.6	3.98	83	850
YE3-315M-6	90	990	169.5	161.0	155.2	122.7	94.9%	0.85	868.2	2.0	2.0	6.7	4.50	83	950
YE3-315L1-6	110	990	206.8	196.4	189.3	149.7	95.1%	0.85	1061.1	2.0	2.0	6.7	5.61	83	1020
YE3-315L2-6	132	990	244.5	232.2	223.8	176.9	95.4%	0.86	1273.3	2.0	2.0	6.8	6.93	83	1140
YE3-355M1-6	160	990	295.7	281.0	270.7	214.0	95.6%	0.86	1543.4	1.8	2.0	6.7	10.5	85	1600
YE3-355M-6	185	990	341.5	324.5	312.7	247.2	95.7%	0.86	1784.6	1.8	2.0	6.8	11.9	85	1680
YE3-355M2-6	200	990	364.6	346.4	333.8	263.9	95.8%	0.87	1929.3	1.8	2.0	6.8	12.9	85	1730
YE3-355L1-6	220	990	401.0	381.0	367.2	290.3	95.8%	0.87	2122.2	1.8	2.0	6.8	13.4	85	1810
YE3-355L2-6	250	990	455.7	433.0	417.3	330.0	95.8%	0.87	2411.6	1.8	2.0	6.8	13.9	85	1960
YE3-3551-6	280	990	510.4	485.0	467.4	369.5	95.8%	0.87	2701.0	1.8	2.0	6.8	14.3	91	2350
YE3-3552-6	315	990	581.0	551.9	532.0	420.5	95.8%	0.86	3038.6	1.8	2.0	6.8	14.8	91	2440

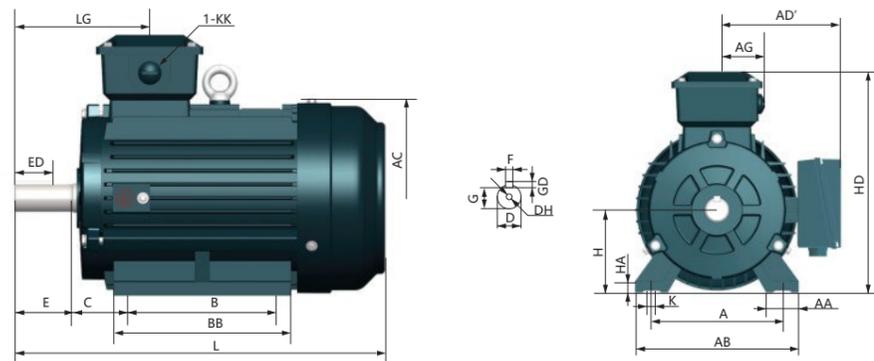
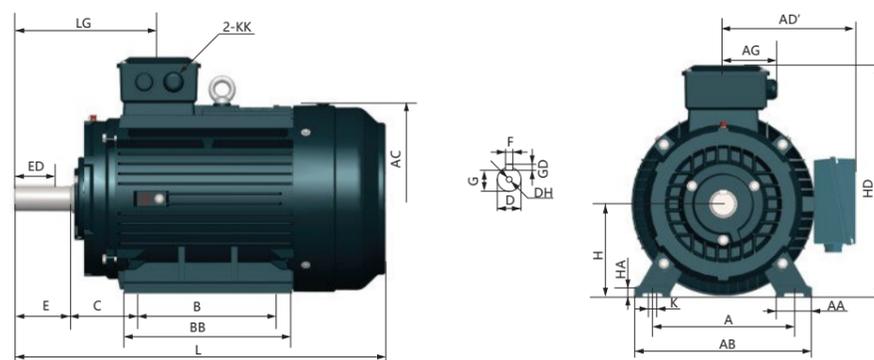
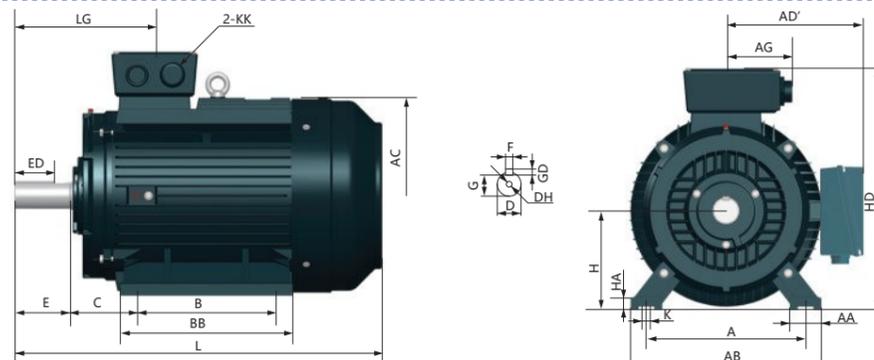
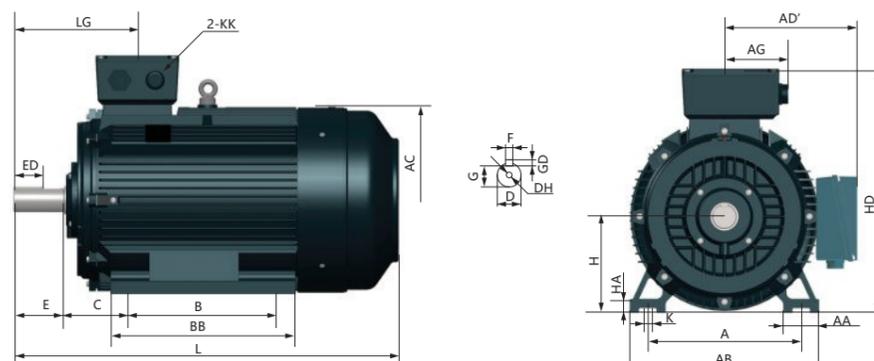
技术数据 Technical Data

8极 - 同步转速 750r/min 50Hz 8pole-750 rpm synchronous speed 50Hz

型号 motor type	额定 功率 rated output kW	额定 转速 rated speed rpm	额定 电流 IFL 380V A	额定 电流 IFL 400V A	额定 电流 IFL 415V A	额定 电流 IFL 525V A	效率 EFF %	功率 因数 power factor cosφ	额定 转矩 rated torque N.m	堵转 转矩 TST/TFL	最大 转矩 TM/TFL	堵转 电流 IST/IFL	转动 惯量 M of I kgm ²	噪音 noise level LW dB(A)	重量 net weight kg
YE3-100L1-8	0.75	690	2.3	2.2	2.1	1.6	75.0%	0.67	10.4	2	2.2	3.5	0.008	59	40
YE3-100L2-8	1.1	690	3.1	3.0	2.9	2.3	77.7%	0.69	15.2	2.2	2.4	3.6	0.010	59	42
YE3-112M-8	1.5	690	4.1	3.9	3.7	3.0	79.7%	0.70	20.8	2.4	2.6	3.9	0.017	61	45
YE3-132S-8	2.2	710	5.7	5.5	5.3	4.2	81.9%	0.71	29.6	2.3	2.5	4.3	0.031	64	60
YE3-132M-8	3	710	7.5	7.1	6.8	5.4	83.5%	0.73	40.4	2.2	2.4	4.4	0.040	64	70
YE3-160M1-8	4	720	9.8	9.3	9.0	7.1	84.8%	0.73	53.1	2.2	2.5	4.4	0.075	68	100
YE3-160L2-8	5.5	720	13.1	12.4	12.0	9.5	86.2%	0.74	73.0	2.2	2.4	5	0.093	68	120
YE3-160L-8	7.5	720	17.4	16.5	15.9	12.6	87.3%	0.75	99.5	2.1	2.3	5.7	0.126	68	130
YE3-180L-8	11	730	25.2	23.9	23.0	18.2	88.6%	0.75	143.9	2.3	2.5	5.6	0.203	70	190
YE3-200L-8	15	730	33.5	31.8	30.6	24.2	89.6%	0.76	196.2	2.1	2.4	5.5	0.339	73	230
YE3-225S-8	18.5	730	41.0	39.0	37.6	29.7	90.1%	0.76	242.0	2.2	2.6	5.6	0.491	73	270
YE3-225M-8	22	740	47.3	44.9	43.3	34.2	90.6%	0.78	283.9	2.1	2.4	5.4	0.547	73	300
YE3-250M-8	30	740	63.2	60.0	57.9	45.7	91.3%	0.79	387.2	2.2	2.5	5.3	0.830	75	390
YE3-280S-8	37	740	77.5	73.6	71.0	56.1	91.8%	0.79	477.5	2.3	2.7	5.6	1.390	76	510
YE3-280M-8	45	740	93.9	89.2	86.0	67.9	92.2%	0.79	580.7	2.1	2.8	5.2	1.650	76	560
YE3-315S-8	55	740	111.5	106.0	102.1	80.7	92.5%	0.81	709.8	1.9	2.5	5.7	4.790	82	770
YE3-315M-8	75	740	151.1	143.6	138.4	109.4	93.1%	0.81	967.9	2.1	2.8	5.9	5.580	82	1000
YE3-315L1-8	90	740	178.5	169.6	163.5	129.2	93.4%	0.82	1161.5	2.3	2.9	6.2	6.370	82	1060
YE3-315L2-8	110	740	217.5	206.6	199.2	157.4	93.7%	0.82	1419.6	2.2	2.8	6	7.230	82	1060
YE3-355M1-8	132	740	263.4	250.2	241.2	190.7	94.0%	0.81	1704	1.6	2.0	5.4	11.73	90	1680
YE3-355M-8	160	740	318.3	302.4	291.4	230.4	94.3%	0.81	2066	1.6	2.0	5.4	12.48	90	1760
YE3-355L1-8	185	740	368.0	349.6	337	266.4	94.3%	0.81	2388	1.6	2.0	5.4	12.86	90	1850
YE3-355L2-8	200	740	396.6	376.7	363.1	287	94.6%	0.81	2582	1.6	2.0	5.4	13.85	90	1990
YE3-3551-8	220	740	436.2	414.4	399.5	315.8	94.6%	0.81	2839	1.6	2.0	5.4	14.23	90	2380
YE3-3552-8	250	740	495.7	471	454	358.8	94.6%	0.81	3226	1.6	2.0	5.4	14.85	90	2430

▶ B3 外形及安装尺寸 *Dimensions Foot Mount B3*

▶ B3 外形及安装尺寸 *Dimensions Foot Mount B3*

YE3-80~132

YE3-160~200

YE3-225~280

YE3-315~355


机座号	极数	A	AA	AB	AC	AD	AG	B	BB	C	D	*DH	E	ED	F	G	GD	H	HA	HD	K	KK		
80M	2-8	125	34	165	175	145	51	100	142	50	19	M6X16	40	22	6	15.5	6	80	10	235	10	M24X1.5	301	115
90S	2-8	140	36	180	205	155	60	100	180	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	M24X1.5	360	129
90L	2-8	140	36	180	205	155	60	125	210	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	M24X1.5	390	129
100L	2-8	160	40	205	215	165	60	140	233	63	28	M10X22	60	40	8	24	7	100	14	275	12	M24X1.5	433.5	147
112M	2-8	190	45	230	236	185	75	140	252	70	28	M10X22	60	40	8	24	7	112	14	307	12	M30X2	461	144
132S	2-8	216	52	270	275	205	75	140	220	89	38	M12X28	80	56	10	33	8	132	16	347	12	M30X2	491.5	169
132M	2-8	216	52	270	275	205	75	178	258	89	38	M12X28	80	56	10	33	8	132	16	347	12	M30X2	529.5	169
160M	2-8	254	67	320	330	250	95	210	305	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	M36X2	657.5	270
160L	2-8	254	67	320	330	250	95	254	325	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	M36X2	679.5	270
180M	2-8	279	74	350	380	270	95	241	330	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	M36X2	721	277
180L	2-8	279	74	350	380	270	95	279	370	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	M36X2	769	277
200L	2-8	318	85	395	420	325	120	305	370	133	55	M20X42	110	90	16	49	10	200	25	515	18.5	M48X2	781	298
225S	4-8	356	80	436	465	335	120	286	355	149	60	M20X42	140	100	18	53	11	225	28	560	18.5	M48X2	831	340
225M	2	356	80	436	465	335	120	311	380	149	55	M20X42	110	80	16	49	10	225	28	560	18.5	M48X2	821	310
225M	4-8	356	80	436	465	335	120	311	380	149	60	M20X42	140	100	18	53	11	225	28	560	18.5	M48X2	856	340
250M	2	406	88	495	520	370	160	349	440	168	60	M20X42	140	100	18	53	11	250	33	620	24	M64X2	935	360
250M	4-8	406	88	495	520	370	160	349	440	168	65	M20X42	140	100	18	58	11	250	33	620	24	M64X2	941	360
280S	2	457	100	550	570	395	160	368	495	190	65	M20X42	140	100	18	58	11	280	35	685	24	M64X2	965	350
280S	4-8	457	100	550	570	395	160	368	495	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	M64X2	969	350
280M	2	457	100	550	570	395	160	419	535	190	65	M20X42	140	100	18	58	11	280	35	685	24	M64X2	1005	350
280M	4-8	457	100	550	570	395	160	419	535	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	M64X2	1009	350
315S	2	508	120	635	650	495	195	406	515	216	65	M20X42	140	100	18	58	11	315	45	820	28	M64X2	1145	387
315M	2	508	120	635	650	495	195	457	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	M64X2	1255	387
315L	2	508	120	635	650	495	195	508	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	M64X2	1255	387
315S	4-8	508	120	635	650	495	195	406	515	216	80	M20X42	170	130	22	71	14	315	45	820	28	M64X2	1196	417
315M	4-8	508	120	635	650	495	195	457	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	M64X2	1306	417
315L	4-8	508	120	635	650	495	195	508	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	M64X2	1306	417
355M	2	610	125	735	735	640	260	560	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	M72X2	1490	415
355L	2	610	125	735	735	640	260	630	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	M72X2	1490	415
355M	4-8	610	125	735	735	640	260	560	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1520	445
355L	4-8	610	125	735	735	640	260	630	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1520	445
355L 加长	2	610	125	735	735	640	260	630	875	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	M72X2	1590	415
355L 加长	4-8	610	125	735	735	640	260	630	875	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1620	445

注：1. 图中 DH 默认为不带螺纹的中心孔，可根据需要加工成螺纹孔。

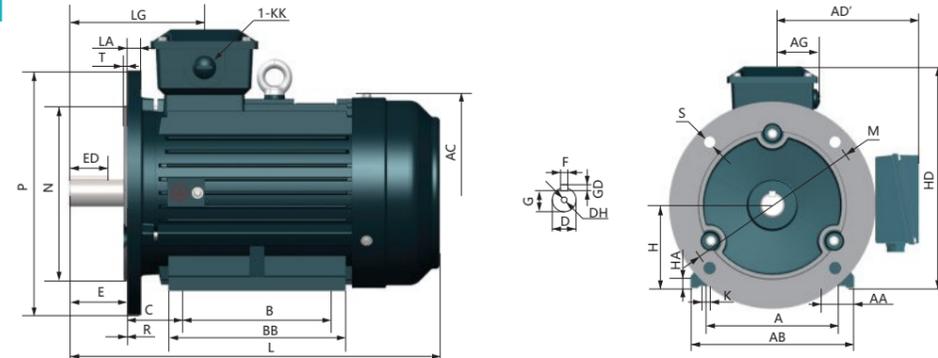
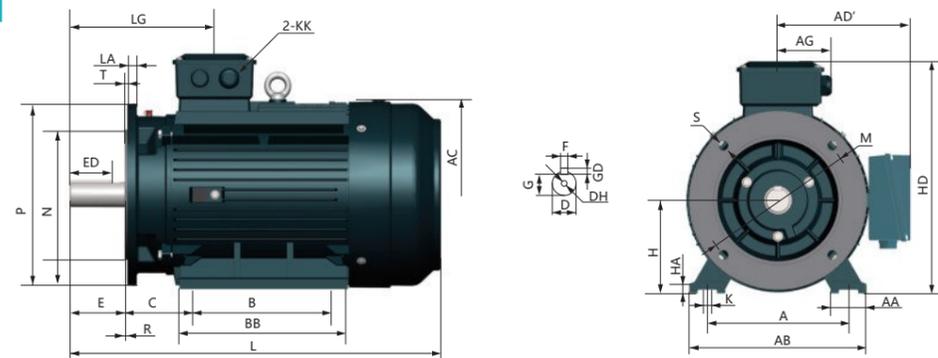
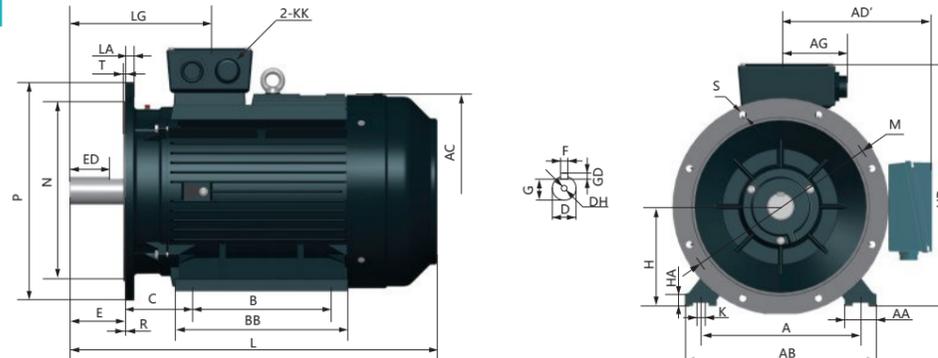
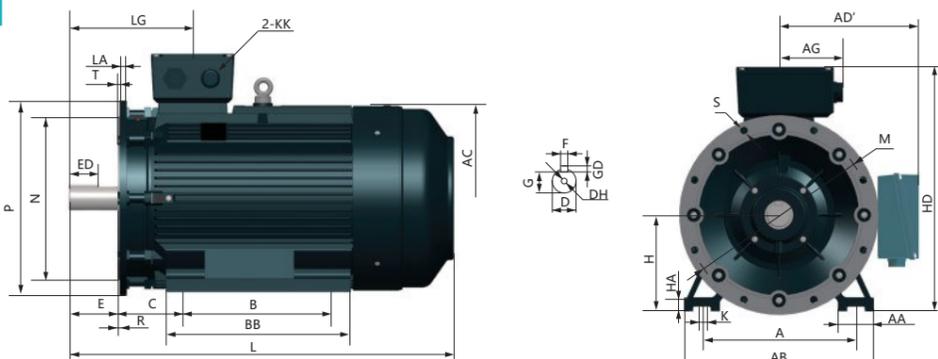
The 'DH' defaults to a non-threaded center hole and it can be machined into a threaded hole as required.

2. 80-132 机座号的 L 尺寸公差 ±5, 160-355 机座号的 L 尺寸公差 ±8。

The dimension of 'L' with tolerance ±5 for frame 80-132, tolerance ±8 for frame 160-355.

▶ B35 外形及安装尺寸 *Dimensions Foot-Flange Mount B35*

▶ B35 外形及安装尺寸 *Dimensions Foot-Flange Mount B35*

YE3-80~132

YE3-160~200

YE3-225~280

YE3-315~355


机座号	极数	A	AA	AB	AC	AD'	AG	B	BB	C	D * DH	E	ED	F	G	GD	H	HA	HD*	K	L	LA	LG	M	N	P	S			
80M	2-8	125	34	165	175	145	51	100	142	50	19	M6X16	40	22	6	15.5	6	80	10	235	10	301	14	115	165	130	200	12	3.5	M24X1.5
90S	2-8	140	36	180	205	155	60	100	180	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	360	12	129	165	130	200	12	3.5	M24X1.5
90L	2-8	140	36	180	205	155	60	125	210	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	390	12	129	165	130	200	12	3.5	M24X1.5
100L	2-8	160	40	230	215	165	60	140	233	63	28	M10X22	60	40	8	24	7	100	14	275	12	433.5	14	147	215	180	250	14.5	4	M24X1.5
112M	2-8	190	45	230	236	185	75	140	252	70	28	M10X22	60	40	8	24	7	112	14	307	12	461	12	144	215	180	250	14.5	4	M30X2
132S	2-8	216	52	270	275	205	75	140	220	89	38	M12X28	80	56	10	33	8	132	16	347	12	491.5	14	169	265	230	300	14.5	4	M30X2
132M	2-8	216	52	270	275	205	75	178	258	89	38	M12X28	80	56	10	33	8	132	16	347	12	529.5	14	169	265	230	300	14.5	4	M30X2
160M	2-8	254	67	320	330	250	95	210	305	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	557.5	15	270	300	250	350	18.5	5	M36X2
160L	2-8	254	67	320	330	250	95	254	325	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	579.5	15	270	300	250	350	18.5	5	M36X2
180M	2-8	279	74	350	380	270	95	241	330	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	721	15	277	300	250	350	18.5	5	M36X2
180L	2-8	279	74	350	380	270	95	279	370	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	769	15	277	300	250	350	18.5	5	M36X2
200L	2-8	318	85	395	420	325	120	305	370	133	55	M20X42	110	90	16	49	10	200	25	515	18.5	781	17	298	350	300	400	18.5	5	M48X2
225S	4-8	356	80	436	465	335	120	286	355	149	60	M20X42	140	100	18	53	11	225	28	560	18.5	831	19	340	400	350	450	18.5	5	M48X2
225M	2	356	80	436	465	335	120	311	380	149	55	M20X42	110	80	16	49	10	225	28	560	18.5	821	19	310	400	350	450	18.5	5	M48X2
225M	4-8	356	80	436	465	335	120	311	380	149	60	M20X42	140	100	18	53	11	225	28	560	18.5	856	19	340	400	350	450	18.5	5	M48X2
250M	2	406	88	495	520	370	160	349	440	168	60	M20X42	140	100	18	53	11	250	33	620	24	935	20	360	500	450	550	18.5	5	M64X2
250M	4-8	406	88	495	520	370	160	349	440	168	65	M20X42	140	100	18	58	11	250	33	620	24	941	20	360	500	450	550	18.5	5	M64X2
280S	2	457	100	550	570	395	160	368	495	190	65	M20X42	140	100	18	58	11	280	35	685	24	965	22	350	500	450	550	18.5	5	M64X2
280S	4-8	457	100	550	570	395	160	368	495	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	969	22	350	500	450	550	18.5	5	M64X2
280M	2	457	100	550	570	395	160	419	535	190	65	M20X42	140	100	18	58	11	280	35	685	24	1005	22	350	500	450	550	18.5	5	M64X2
280M	4-8	457	100	550	570	395	160	419	535	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	1009	22	350	500	450	550	18.5	5	M64X2
315S	2	508	120	635	650	495	195	406	515	216	65	M20X42	140	100	18	58	11	315	45	820	28	1145	24	387	600	550	660	24	6	M64X2
315M	2	508	120	635	650	495	195	457	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	1255	24	387	600	550	660	24	6	M64X2
315L	2	508	120	635	650	495	195	508	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	1255	24	387	600	550	660	24	6	M64X2
315S	4-8	508	120	635	650	495	195	406	515	216	80	M20X42	170	130	22	71	14	315	45	820	28	1196	24	417	600	550	660	24	6	M64X2
315M	4-8	508	120	635	650	495	195	457	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	1306	24	417	600	550	660	24	6	M64X2
315L	4-8	508	120	635	650	495	195	508	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	1306	24	417	600	550	660	24	6	M64X2
355M	2	610	125	735	735	640	26	560	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	1490	25	415	740	680	800	24	6	M72X2
355L	2	610	125	735	735	640	260	630	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	1490	25	415	740	680	800	24	6	M72X2
355M	4-8	610	125	735	735	640	260	560	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	1520	25	445	740	680	800	24	6	M72X2
355L	4-8	610	125	735	735	640	260	630	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	1520	25	445	740	680	800	24	6	M72X2
355L 加长	2	610	125	735	735	640	260	630	875	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	1590	25	415	740	680	800	24	6	M72X2
355L 加长	4-8	610	125	735	735	640	260	630	875	254	95	M24X50	170	140	25	86	14	355	49	1000	28	1620	25	445	740	680	800	24	6	M72X2

注: 1. 图中 R 尺寸值均为 0。 The 'R' dimensions is zero.

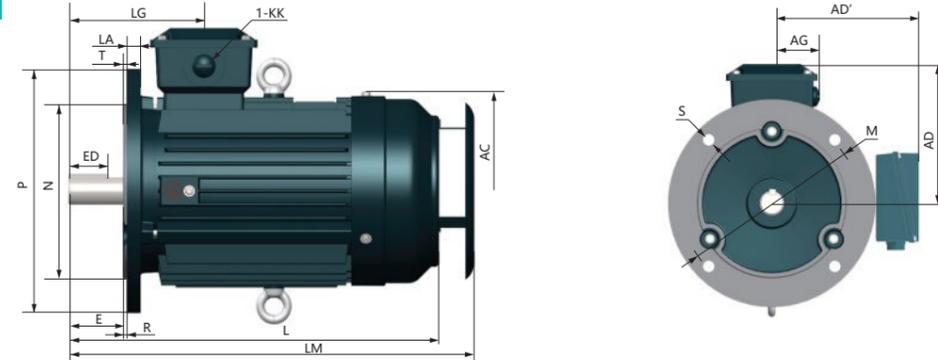
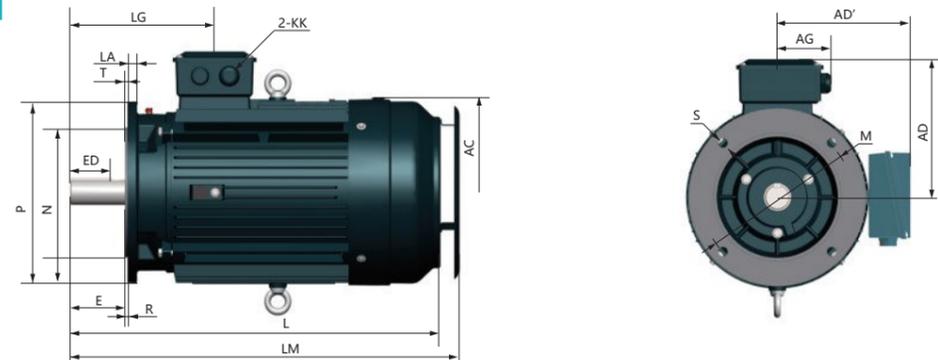
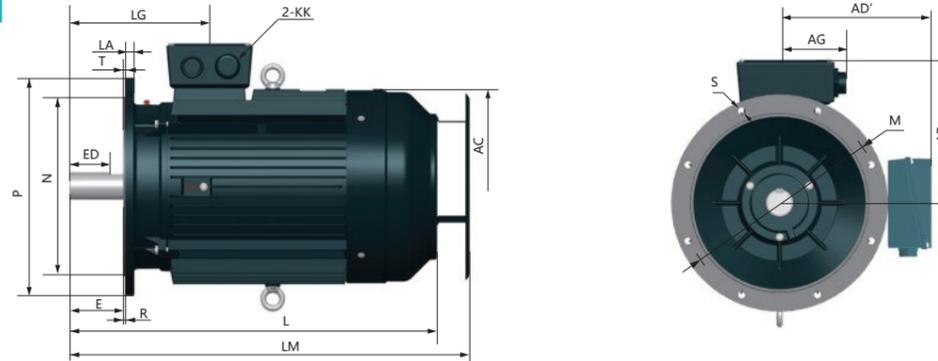
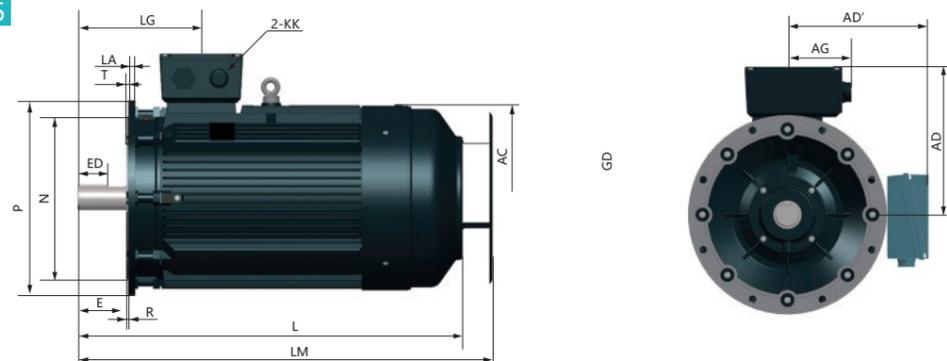
2. 图中 DH 默认为不带螺纹的中心孔, 可根据需要加工成螺纹孔。

The 'DH' defaults to a non-threaded center hole and it can be machined into a threaded hole as required.

3. 80-132 机座号的 L 尺寸公差 ±5, 160-355 机座号的 L 尺寸公差 ±8。

The dimension of 'L' with tolerance ±5 for frame 80-132, tolerance ±8 for frame 160-355.

▶ B5&V1 外形及安装尺寸 *Dimensions Flange Mount B5&V1*

YE3-80~132

YE3-160~200

YE3-225~280

YE3-315~355


▶ B5&V1 外形及安装尺寸 *Dimensions Flange Mount B5&V1*

机座号	极数	AC	D	AD	AD'	AG	DH	E	ED	F	G	GD	LA	LG	M	N	P	S	T	KK	λ	
80M	2-8	175	19	155	145	51	M6X16	40	22	6	15.5	6	14	115	165	130	200	12	3.5	M24X1.5	301	-
90S	2-8	205	24	170	155	60	M8X19	50	32	8	20	7	12	129	165	130	200	12	3.5	M24X1.5	360	-
90L	2-8	205	24	170	155	60	M8X19	50	32	8	20	7	12	129	165	130	200	12	3.5	M24X1.5	390	-
100L	2-8	215	28	175	165	60	M10X22	60	40	8	24	7	14	147	215	180	250	14.5	4	M24X1.5	433.5	-
112M	2-8	236	28	195	185	75	M10X22	60	40	8	24	7	12	144	215	180	250	14.5	4	M30X2	461	-
132S	2-8	275	38	215	205	75	M12X28	80	56	10	33	8	14	169	265	230	300	14.5	4	M30X2	491.5	-
132M	2-8	275	38	215	205	75	M12X28	80	56	10	33	8	14	169	265	230	300	14.5	4	M30X2	529.5	-
160M	2-8	330	42	265	250	95	M16X36	110	80	12	37	8	15	270	300	250	350	18.5	5	M36X2	657.5	702.5
160L	2-8	330	42	265	250	95	M16X36	110	80	12	37	8	15	270	300	250	350	18.5	5	M36X2	679.5	724.5
180M	2-8	380	48	280	270	95	M16X36	110	80	14	42.5	9	15	277	300	250	350	18.5	5	M36X2	721	766
180L	2-8	380	48	280	270	95	M16X36	110	80	14	42.5	9	15	277	300	250	350	18.5	5	M36X2	769	814
200L	2-8	420	55	315	325	120	M20X42	110	90	16	49	10	17	300	350	300	400	18.5	5	M48X2	781	856
225S	4-8	465	60	335	335	120	M20X42	140	100	18	53	11	19	340	400	350	450	18.5	5	M48X2	831	906
225M	2	465	55	335	335	120	M20X42	110	80	16	49	10	19	310	400	350	450	18.5	5	M48X2	821	896
225M	4-8	465	60	335	335	120	M20X42	140	100	18	53	11	19	340	400	350	450	18.5	5	M48X2	856	931
250M	2	520	60	375	370	160	M20X42	140	100	18	53	11	20	360	500	450	550	18.5	5	M64X2	935	1010
250M	4-8	520	65	375	370	160	M20X42	140	100	18	58	11	20	360	500	450	550	18.5	5	M64X2	941	1016
280S	2	570	65	395	400	160	M20X42	140	100	18	58	11	22	350	500	450	550	18.5	5	M64X2	965	1050
280S	4-8	570	75	395	400	160	M20X42	140	100	20	67.5	12	22	350	500	450	550	18.5	5	M64X2	969	1054
280M	2	570	65	395	400	160	M20X42	140	100	18	58	11	22	350	500	450	550	18.5	5	M64X2	1005	1090
280M	4-8	570	75	395	400	160	M20X42	140	100	20	67.5	12	22	350	500	450	550	18.5	5	M64X2	1009	1094
315S	2	650	65	500	495	195	M20X42	140	100	18	58	11	24	387	600	550	660	24	6	M64X2	1145	1230
315M	2	650	65	500	495	195	M20X42	140	100	18	58	11	24	387	600	550	660	24	6	M64X2	1255	1340
315L	2	650	65	500	495	195	M20X42	140	100	18	58	11	24	387	600	550	660	24	6	M64X2	1255	1340
315S	4-8	650	80	500	495	195	M20X42	170	130	22	71	14	24	417	600	550	660	24	6	M64X2	1196	1281
315M	4-8	650	80	500	495	195	M20X42	170	130	22	71	14	24	417	600	550	660	24	6	M64X2	1306	1391
315L	4-8	650	80	500	495	195	M20X42	170	130	22	71	14	24	417	600	550	660	24	6	M64X2	1306	1391
355M(V1)	2	735	75	640	645	260	M24X50	140	110	20	67.5	12	25	415	740	680	800	24	6	M72X2	1490	1590
355L(V1)	2	735	75	640	645	260	M24X50	140	110	20	67.5	12	25	415	740	680	800	24	6	M72X2	1490	1590
355M(V1)	4-8	735	95	640	645	260	M24X50	170	140	25	86	14	25	445	740	680	800	24	6	M72X2	1520	1620
355L(V1)	4-8	735	95	640	645	260	M24X50	170	140	25	86	14	25	445	740	680	800	24	6	M72X2	1520	1620
355L 加长	2	735	75	640	645	260	M24X50	140	110	20	67.5	12	25	415	740	680	800	24	6	M72X2	1590	1690
355L 加长	4-8	735	95	640	645	260	M24X50	170	140	25	67.5	14	25	445	740	680	800	24	6	M72X2	1620	1720

注: 1. 图中 R 尺寸值均为 0。 The 'R' dimensions is zero.

2. 图中 DH 默认为不带螺纹的中心孔, 可根据需要加工成螺纹孔。

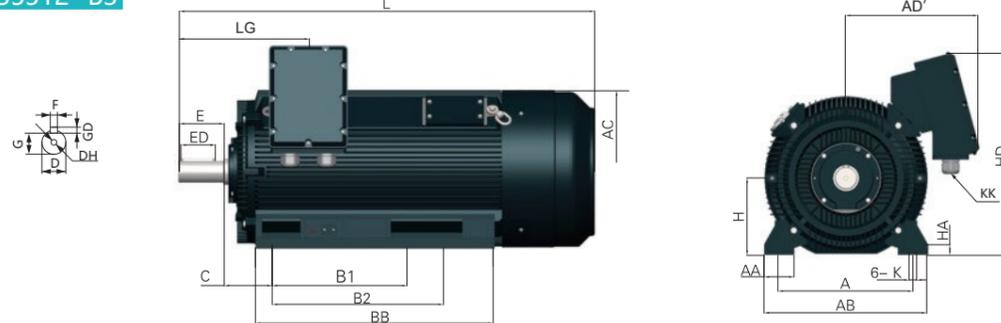
The 'DH' defaults to a non-threaded center hole and it can be machined into a threaded hole as required.

3. 80-132 机座号的 L 和 LM 尺寸公差 ±5, 160-355 机座号的 L 和 LM 尺寸公差 ±8。

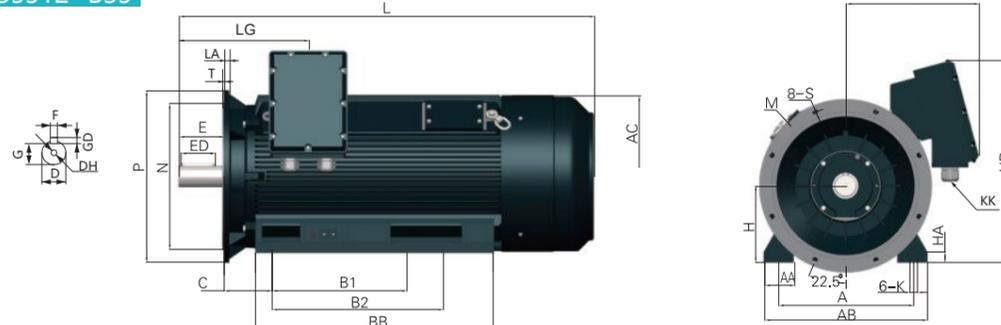
The dimension of 'L' and 'LM' with tolerance ±5 for frame 80-132, tolerance ±8 for frame 160-355.

35512 外形及安装尺寸 *Mounting Dimensions 35512*

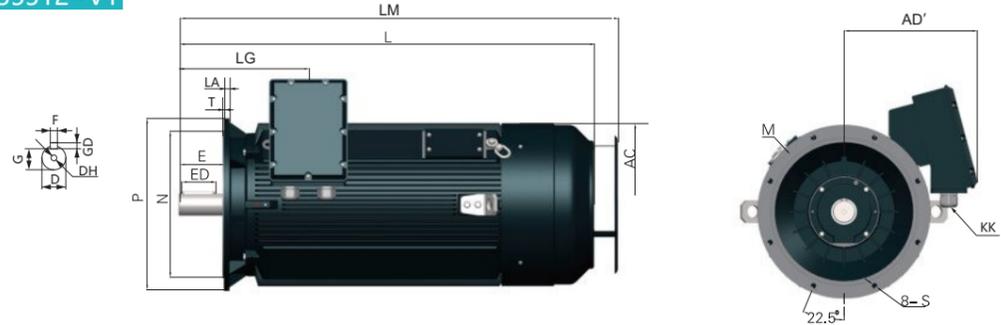
YE3-35512~B3



YE3-35512~B35



YE3-35512~V1



机座号 Frame	极数	A	AA	AB	AC	AD'	B1	B2	BB	C	D	DH*	E	ED	F	G	GD	H	HA	HD	K	LA	L*	LM*	LG	M	N	P	S	T	KK
35512-2	2	630	140	760	760	630	630	800	1110	224	80	M20X42	170	140	22	71	14	355	49	950	35	28	1850	1950	545	840	780	300	24	6	M72*2
35512-4	4	630	140	760	760	630	630	800	1110	224	110	M24X50	210	160	28	100	16	355	49	950	35	28	1940	2040	535	840	780	300	24	6	M72*2

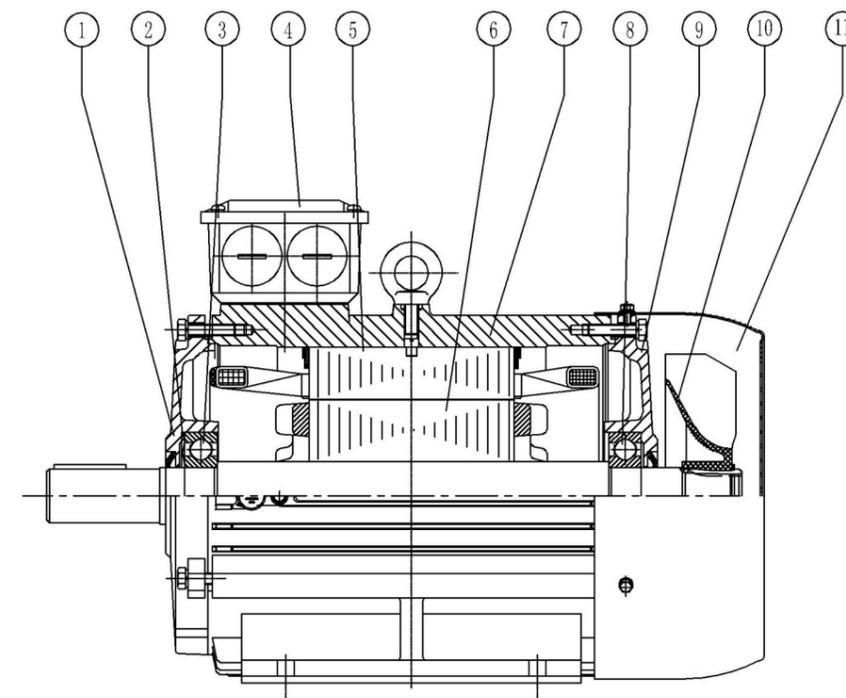
注: 1. 图中 DH 默认为不带螺纹的中心孔, 可根据需要加工成螺纹孔。
 The 'DH' defaults to a non-threaded center hole and it can be machined into a threaded hole as required.
 2. 图中 L 和 LM 尺寸公差 ±8。
 The dimension of 'L' and 'LM' with tolerance ±8.

装配图及零部件明细表 *Arrangement And Parts List*

YE3 80~132FRAME

零部件名称		Parts Description
1	驱动端端盖	Endshield D.E.
2	波形弹簧	Wave washer
3	驱动端轴承	Bearing D.E.
4	接线盒	Terminal box
5	定子铁芯	Stator lamination pack
6	转子铁芯	Rotor lamination pack
7	机座	Frame
8	非驱动端轴承	Bearing N.D.E.
9	非驱动端端盖	Endshield N.D.E.
10	风扇	Fan
11	风罩	Fan cowl

基本结构说明		Specifications standard construction
铸铁机座和接线盒	Cast iron frame, terminal box.	
钢板冲压风罩	Pressed steel fan cowl.	
铸铁端盖	Cast iron endshields.	
聚丙烯玻璃纤维风扇	Polypropylene, glass reinforced fan.	
电机专用轴承	Equivalent bearings.	
特性		Features
电机尺寸和额定功率符合 IEC60072	Dimensions and ratings to IEC60072	
GB/T4772.1-4772.3	GB/T4772.1-4772.3	
IP55	IP55	
接线盒在上面	Top mounted terminal box.	
接线盒可 90° 旋转	Terminal box rotates in 90 deg	
冷却方式 IC411	Cooling IC411	
安装		Mounting
B3- 卧式底脚安装	B3-foot mounted	
B5- 卧式凸缘安装	B5-flange mounted-horizontal.	
B35- 底脚凸缘安装	B35-foot And flange mounted	
V1- 立式凸缘安装	V1-flang mounted-vertical	

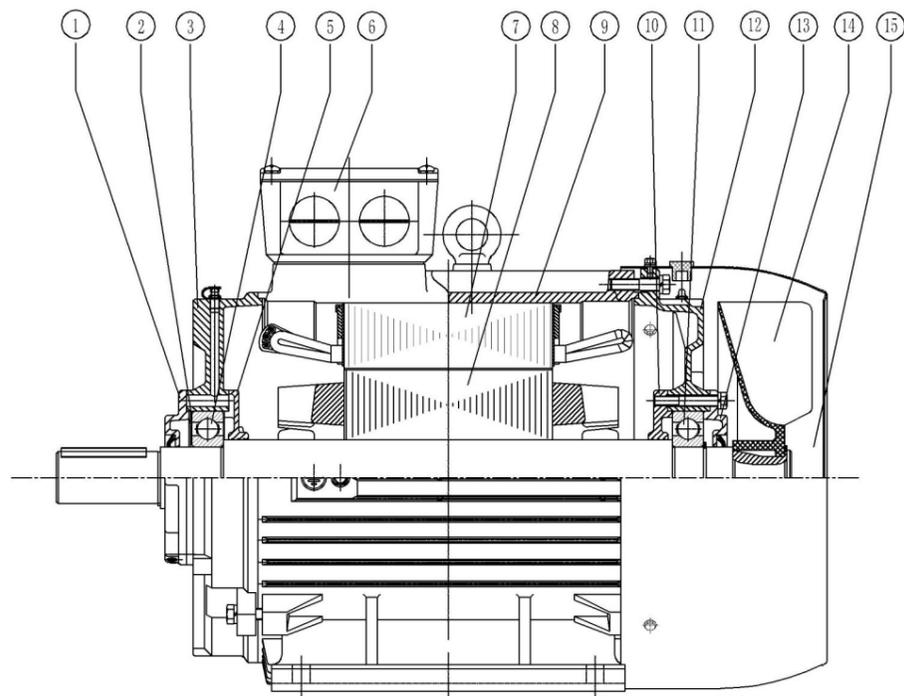


装配图及零部件明细表 Arrangement And Parts List

YE3 160~280FRAME

零部件名称		Parts Description
1	驱动端轴承外盖	Outer bearing cap D.E.
2	波形弹簧	Wave washer
3	驱动端端盖	Endshield D.E.
4	驱动端轴承	Bearing D.E.
5	驱动端轴承内盖	Inner bearing cap D.E.
6	接线盒	Terminal box
7	定子铁芯	Stator lamination pack
8	转子铁芯	Rotor lamination pack
9	机座	Frame
10	非驱动端轴承内盖	Inner bearing cap N.D.E.
11	非驱动端轴承	Bearing N.D.E.
12	非驱动端端盖	Endshield N.D.E.
13	非驱动端轴承外盖	Outer bearing cap N.D.E.
14	风扇	Fan
15	风罩	Fan cowl

基本结构说明		Specifications standard construction
铸铁机座和接线盒	Cast iron frame,terminal box.	
钢板冲压风罩	Pressed steel fan cowl.	
铸铁端盖	Cast iron endshields.	
聚丙烯玻璃纤维风扇	Polypropylene,glass reinforced fan.	
电机专用轴承	Equivalent bearings.	
特性		Features
电机尺寸和额定功率符合 IEC60072	Dimensions and ratings to IEC60072	
GB/T4772.1-4772.3	GB/T4772.1-4772.3	
IP55	IP55	
接线盒在上面	Top mounted terminal box.	
接线盒可 90° 旋转	Terminalbox rotates in 90 deg	
冷却方式 IC411	Cooling IC411	
安装		Mounting
B3- 卧式底脚安装	B3-foot mounted	
B5- 卧式凸缘安装	B5-flange mounted-horizontal.	
B35- 底脚凸缘安装	B35-foot And flange mounted	
V1- 立式凸缘安装	V1-flang mounted-vertical	

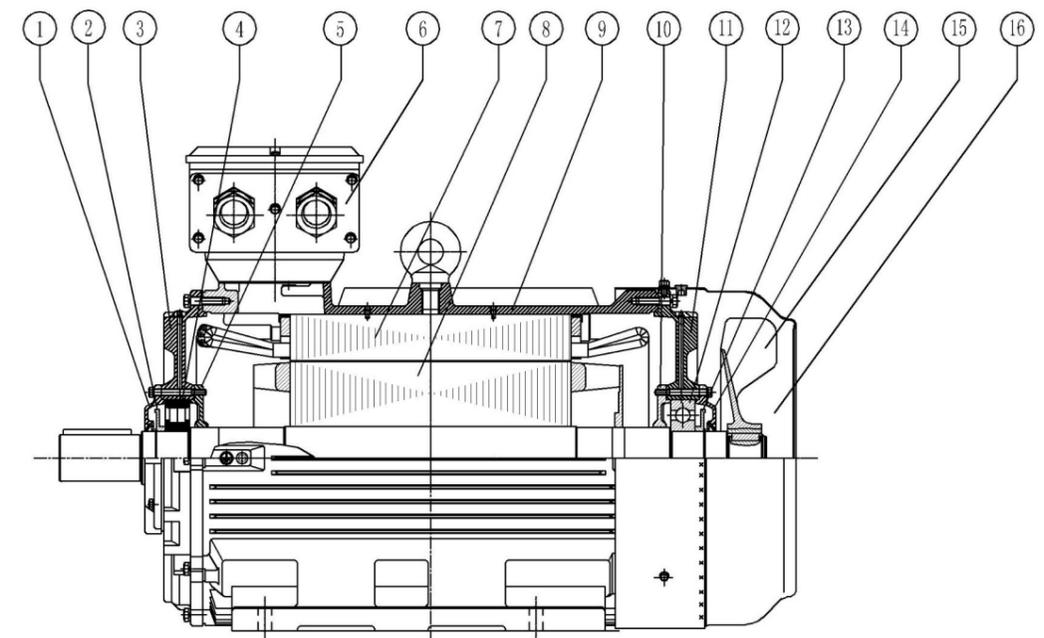


装配图及零部件明细表 Arrangement And Parts List

YE3 315~355FRAME

零部件名称		Parts Description
1	驱动端轴承外盖	Outer bearing cap D.E.
2	驱动端甩油盘	Flinger D.E.
3	驱动端端盖	Endshield D.E.
4	驱动端轴承	Bearing D.E.
5	驱动端轴承内盖	Inner bearing cap D.E.
6	接线盒	Terminal box
7	定子铁芯	Stator lamination pack.
8	转子铁芯	Rotor lamination pack.
9	机座	Frame
10	非驱动端轴承内盖	Inner bearing cap N.D.E.
11	非驱动端轴承	Bearing N.D.E.
12	非驱动端端盖	Endshield N.D.E.
13	非驱动端甩油盘	Flinger N.D.E.
14	非驱动端轴承外盖	Outer bearing cap N.D.E.
15	风扇	Fan
16	风罩	Fan cowl

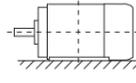
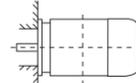
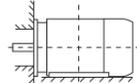
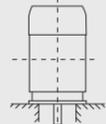
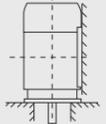
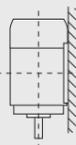
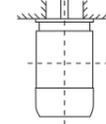
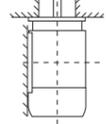
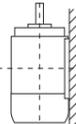
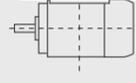
基本结构说明		Specifications standard construction
铸铁机座和接线盒	Cast iron frame,terminal box.	
钢板冲压风罩	Pressed steel fan cowl.	
铸铁端盖	Cast iron endshields.	
聚丙烯玻璃纤维风扇	Polypropylene,glass reinforced fan.	
电机专用轴承	Equivalent bearings.	
特性		Features
电机尺寸和额定功率符合 IEC60072	Dimensions and ratings to IEC60072	
GB/T4772.1-4772.3	GB/T4772.1-4772.3	
IP55	IP55	
接线盒在上面	Top mounted terminal box.	
接线盒可 90° 旋转	Terminalbox rotates in 90 deg	
冷却方式 IC411	Cooling IC411	
安装		Mounting
B3- 卧式底脚安装	B3-foot mounted	
B35- 底脚凸缘安装	B35-foot And flange mounted	
V1- 立式凸缘安装	V1-flang mounted-vertical	



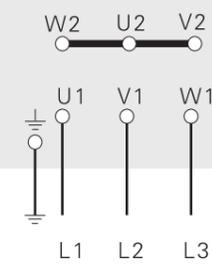
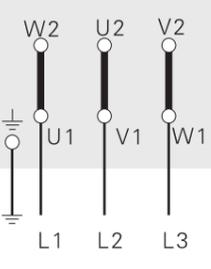
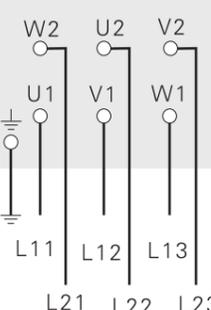
防护等级 Degrees of Protection (IEC 60034-5)

符号 Designation	第一位数字 First numeral	第二位数字 Second numeral
	防止固体异物进入内部及防止人体触及内部的带电或运动部分。 Protection against contact and ingree of foreign bodies, protection against hazardous "live" parts and moving mechanical parts.	防护水 Protection against water
	5. 虽不能完全防止灰尘进入, 但进尘量不足以影响电机正常运行。能防止触及或接近壳内带电或转动部分。 Ingree of dust is not totally prevented, but dust shall not interfere with the satisfactory operation of equipment. A probe of 1mm diameter shall not penetrate the enclosure.	5. 任何方向的喷水对电机应无有害的影响。 Water projected in jets against the enclosure from any direction will have no harmful effects.
	6. 完全防止灰尘进入机壳。 No ingress of dust.	6. 强力喷水时电机应无有害影响。 Water projected in power jets shall have no harmful effects.
IP55	防尘 Dust protected	防喷水 Jetting water
IP56	防尘 Dust protected	防强力喷水 Powerful Jetting
IP65	尘密 Dust tight	防喷水 Jetting water
IP66	尘密 Dust tight	防强力喷水 Powerful Jetting

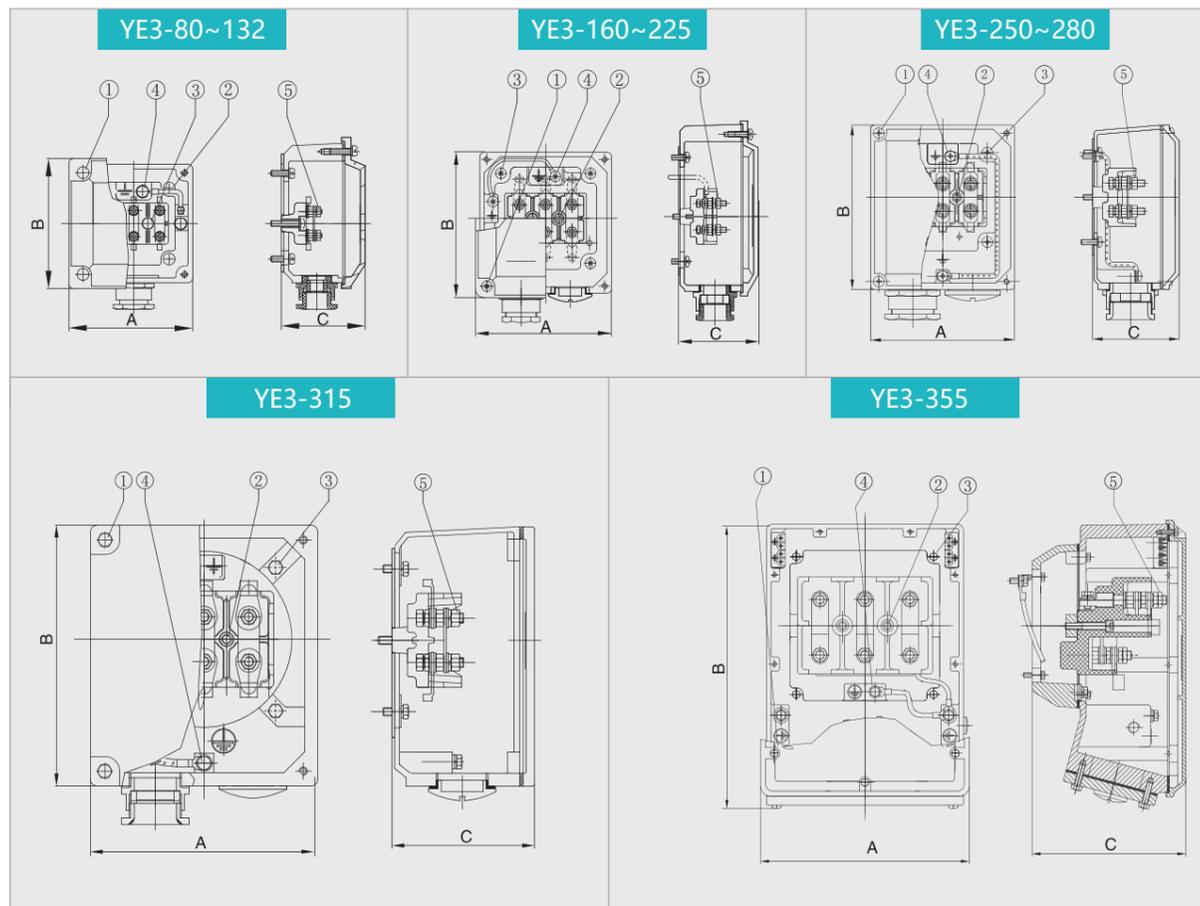
安装型式 Mounting Arrangements

卧式底脚安装 Foot mig horiz	凸缘安装 Flange mig	底脚凸缘安装 Foot/Flange mig	立式底脚安装 Foot mig vert
B3 IM1001 H80 ~ 355 	B5 IM3001 H80 ~ 280 	B35 IM2001 H80 ~ 355 	
B6 IM1051 H80 ~ 160 	V1 IM3011 H80 ~ 355 	V15 IM2011 H80 ~ 160 	V5 IM1011 H80 ~ 160 
B7 IM1061 H80 ~ 160 	V3 IM3031 H80 ~ 160 	V36 IM2031 H80 ~ 160 	V6 IM1031 H80 ~ 160 
B8 IM1071 H80 ~ 160 			

接线指示图 鼠笼式三相电动机 Connection Diagrams Three phase motors with cage rotor

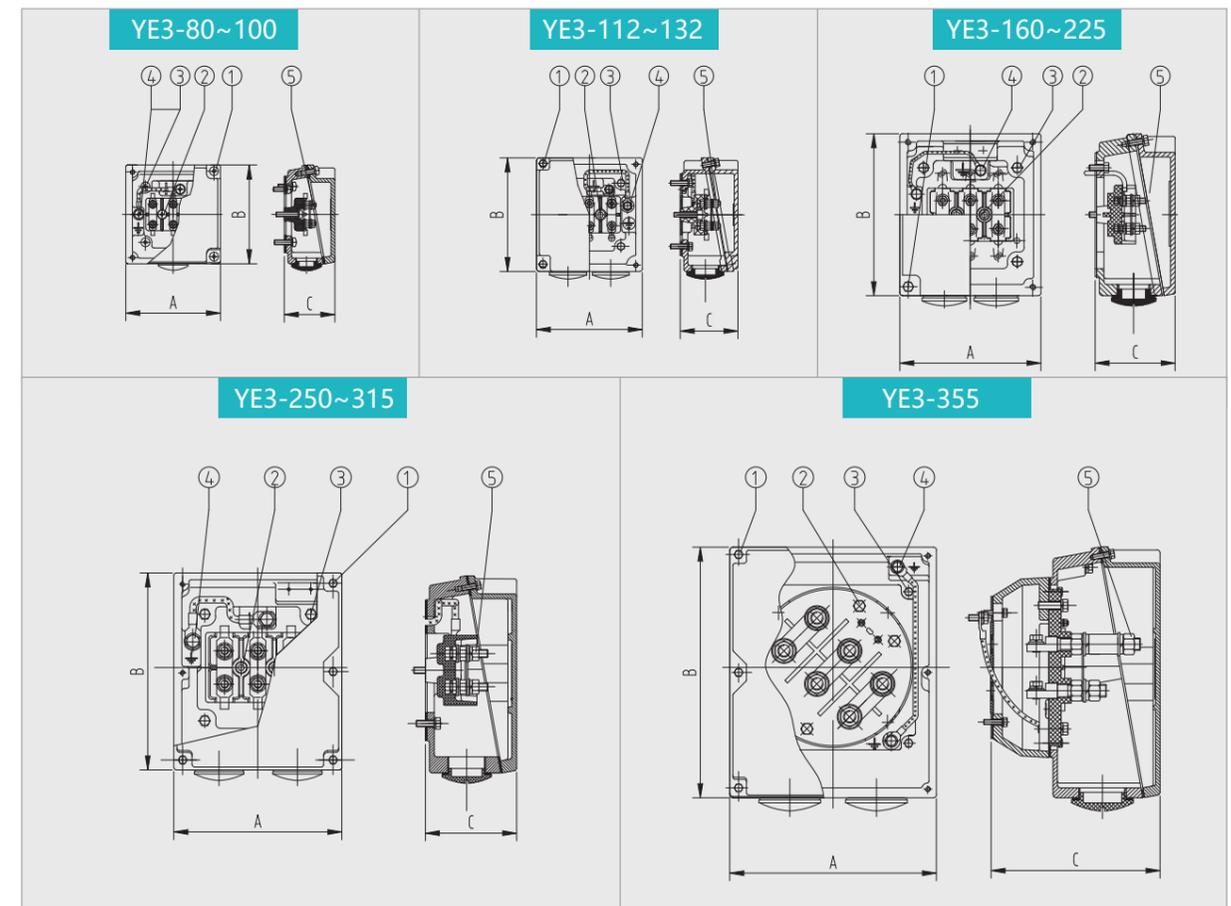
Y 接 Star Connection	△ 接 Delta Connection	Y-△ 起动连接 Star-Delta Connection
		

上出线接线盒 Top Terminal Box



机座号 frame	A	B	C	1	2	3	4	5	螺纹尺寸 Gland Size	出线孔直径 outlet(dia.)
YE3-80	105	105	65	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE3-90~100	113	113	72	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE3-112~132	121	129	80	M5X16	M5X25	M5X20	M5X16	M5	2XM30X2	2XΦ15
YE3-160~180	163	173	92	M6X16	M6X25	M6X16	M6X12	M6	2XM36X2	2XΦ25
YE3-200~225	188	208	107	M8x25	M8x35	M8x25	M8x16	M8	2XM48x2	2XΦ36
YE3-250~280	217	246	120	M8x25	M8x35	M8x25	M8x16	M10	2XM64x2	2XΦ51
YE3-315	280	320	165	M10x25	M10x45	M10x30	M10x20	M12	2XM64x2	2XΦ51
YE3-355	350	475	285	M12X30	M12X80	M12X30	M10X25	M20	2XM72X2	2XΦ52

侧出线接线盒 Side Terminal Box

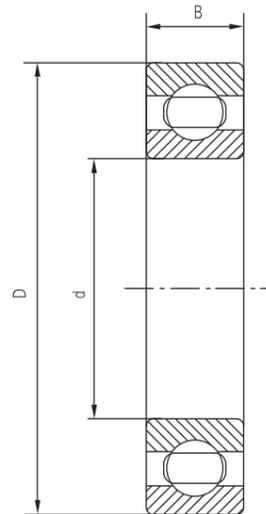


机座号 frame	A	B	C	1	2	3	4	5	螺纹尺寸 Gland Size	出线孔直径 outlet(dia.)
YE3-80	95	95	56	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE3-90~100	105	109	56	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE3-112~132	117	125	65	M5X16	M5X25	M5X20	M5X16	M5	2XM30X2	2XΦ15
YE3-160~180	155	177	87	M6X16	M6X25	M6X16	M6X12	M6	2XM36X2	2XΦ25
YE3-200~225	176	212	107	M6X20	M8X35	M8X20	M8X16	M8	2XM48X2	2XΦ36
YE3-250~280	212	248	115	M6X20	M8X35	M8X30	M8x16	M10	2XM64x2	2XΦ51
YE3-315	276	332	164	M8x25	M10x45	M10x30	M10x20	M12	2XM64x2	2XΦ51
YE3-355	340	410	275	M8X30	M12X40	M12X30	M10X25	M20	2XM72X2	2XΦ52

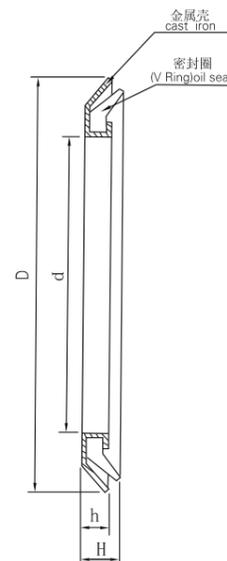
轴承、密封和润滑 Bearing、Seal & Lubrication

电机型号 Motor type	轴伸端 DE	非轴伸端 NDE	d	D	B
YE3-80	6204ZZ	6204ZZ	20	47	14
YE3-90	6205ZZ	6205ZZ	25	52	15
YE3-100	6206ZZ	6206ZZ	30	62	16
YE3-112	6306ZZ	6306ZZ	30	72	19
YE3-132	6308ZZ	6308ZZ	40	90	23
YE3-160	6309	6309	45	100	25
YE3-180	6311	6311	55	120	29
YE3-200	6312	6312	60	130	31
YE3-225	6313	6313	65	140	33
YE3-250	6314	6314	70	150	35
YE3-280 2P	6314	6314	70	150	35
YE3-280 4-8P	6317	6317	85	180	41
YE3-315 2P	6316	6316	80	170	39
YE3-315 4-8P	6319	6319	95	200	45
YE3-355(2P) (B3,B35)	6319	6319	95	200	45
YE3-355(2P)V1	6319	7319	95	200	45
YE3-355(4-8P) (B3,B35)	6322	6322	110	240	50
YE3-355(4-8P)V1	6322	7322	110	240	50
YE3-35512(2P) (B3,B35)	6319/C3	6319/C3	95	200	45
YE3-35512(4-8P) (B3,B35)	NU324	6324	120	260	55
YE3-35512(2P) V1	6319C3	7319	95	200	45
YE3-35512(4-8P) V1	NU324	7324	110	260	55

轴承数据
bearing data



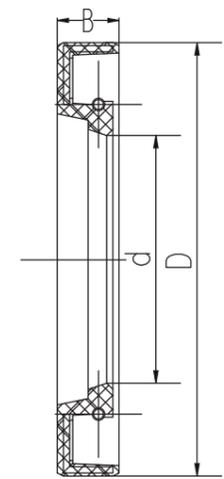
电机型号 Motor type	油封规格 Oil seal size	d	D	h	H
YE3-80	RB20x35x4.0	Φ20	Φ35	3	6
YE3-90	RB25x40x4.0	Φ25	Φ40	3	6
YE3-100	RB30x47x4.5	Φ30	Φ47	3.5	6.5
YE3-112	RB30x47x4.5	Φ30	Φ47	3.5	6.5
YE3-132	RB40x57x4.5	Φ40	Φ57	3.5	6.5
YE3-160	RB45x62x4.5	Φ45	Φ62	3.5	6.5
YE3-180	RB55x75x5.5	Φ55	Φ75	4.5	6.5
YE3-200	RB60x80x5.5	Φ60	Φ80	4.5	6.5
YE3-225	RB65x85x5.5	Φ65	Φ85	4.5	8
YE3-250	RB70x90x5.5	Φ70	Φ90	4.5	8
YE3-280-2	RB70x90x5.5	Φ70	Φ90	4.5	8
YE3-280-4.6.8	RB85x105x5.5	Φ85	Φ105	4.5	8
YE3-315-2	RB80x100x5.5	Φ80	Φ100	4.5	8
YE3-315-4.6.8	RB95x115x5.5	Φ95	Φ115	4.5	8



轴承、密封和润滑 Bearing、Seal & Lubrication

电机型号 Motor type	驱动端 (D.E.)			非驱动端 (N.D.E.)		
	d	D	B	d	D	B
YE3-80	20	35	5	20	35	5
YE3-90	25	40	5	25	40	5
YE3-100	30	52	7	30	52	7
YE3-112	30	52	7	30	52	7
YE3-132	40	62	5	40	62	5
YE3-160	45	65	8	45	65	8
YE3-180	55	75	8	55	75	8
YE3-200	60	80	8	60	80	8
YE3-225	65	90	10	65	90	10
YE3-250	70	95	10	70	95	10
YE3-280-2	70	95	10	70	95	10
YE3-280-4.6.8	85	110	12	85	110	12
YE3-315-2	80	100	10	80	100	10
YE3-315-4.6.8	95	120	12	95	120	12
YE3-355-2	95	120	12	95	120	12
YE3-355-4.6.8	110	140	12	110	140	12
YE3-35512(2P)	95	120	12	95	120	12
YE3-35512(4-8P)	120	150	12	120	150	12

油封数据
oil seal data



- 电机配备了优质供应商制造的轴承，轴承采用 C3 游隙。
Motors are equipped with bearings from excellent manufacturers. In general the bearings have C3 clearances.
- 80~132 机座号电动机装有封闭轴承。
Motors of frame sizes 80-132 are fitted with closed bearings.
- 160~355 机座号电动机装有开放式轴承并带有注油装置。开放式轴承必须依据润滑脂的有效寿命按时加油，以便使轴承达到预期寿命。
Motors of frame sizes 160-355 are fitted with open bearings and regreasing device. Depending on the useful life of grease, open bearings must be regreased in good time so that the scheduled bearing service life is reached.

电机型号 Motor type	轴伸端轴承 DE Bearing	非轴伸端轴承 NDE Bearing	添加润滑脂的期限 (运行小时数, 70°C 以下) Regreasing period hours for operating temperatures up to 70°C			轴承室所需润滑脂用量 Quantity of grease in bearing chamber
			n < 3600r/min	n < 1800r/min	n < 1200r/min	
YE3-160	6309	6309	6000	10000	16000	13
YE3-180	6311	6311	4000	9000	14000	15
YE3-200	6312	6312	3500	6500	11000	20
YE3-225	6313	6313	3000	5500	8500	22
YE3-250	6314	6314	2000	5000	8000	23
YE3-280 2P	6314	6314	1200	-	-	30
YE3-280 4-8P	6317	6317	-	4000	6000	35
YE3-315 2P	6316	6316	1200	-	-	30
YE3-315 4-8P	6319	6319	-	2000	3000	45
YE3-355(2P) (B3,B35)	6319	6319	-	-	-	30
YE3-355(2P)V1	6319	7319	1200	-	-	30
YE3-355(4-8P) (B3,B35)	6322	6322	-	1400	2200	60
YE3-355(4-8P)V1	6322	7322	-	1400	2200	60
YE3-35512(2P) (B3,B35)	6319/C3	6319/C3	1200	-	-	30
YE3-35512(4-8P) (B3,B35)	NU324	6324	-	1200	2000	80
YE3-35512(2P) V1	6319C3	7319	1200	-	-	30
YE3-35512(4-8P) V1	NU324	7324	-	1200	2000	80

- 注：1. 立式电动机添加润滑脂的时间应该是上述卧式电动机时间的一半。
Vertical motors should be greased twice as often as horizontal motors
2. 当轴承运行温度超过 70°C 时，重新添加润滑脂的时间应该缩短。
Regreasing time should be reduced if bearing operating temperature is in excess of 70°C

主要产品介绍 Main Product Introduction

YE2 系列三相异步电动机 (H80-355)	YE2 Series 3-Phase Asynchronous Motor
YE3 系列三相异步电动机 (H80-355)	YE3 Series 3-Phase Asynchronous Motor
YE4 系列三相异步电动机 (H80-355)	YE4 Series 3-Phase Asynchronous Motor
YE2、YE3 系列高温消防排烟风机专用电机 (H80-355)	YE2、YE3 Series Special Motor for Smoke and Heat Exhaust Ventilators
Y-H 系列船用三相异步电动机 (H63-355)	Y-H Series 3-Phase Asynchronous Motor In Ships
YD 系列变极多速三相异步电动机 (H80-315)	YD Series 3-Phase Multi-Speed Motor
YDT 系列通风机用多速三相异步电动机 (H80-315)	YDT Series Ventilator used 3-Phase Multi-Speed Motor
YVF2 系列变频调速三相异步电动机 (H80-355)	YVF2 Series Frequency Control 3-Phase Asynchronous Motor
YH 系列高转差率三相异步电动机 (H80-315)	YH Series High Slip 3-Phase Asynchronous Motor
Y-W 系列户外型三相异步电动机 (H80-355)	Y-W Series Outdoor used 3-Phase Asynchronous Motor
YT 系列轴流式通风机用三相异步电动机 (H80-132)	YT Series Ventilator used 3-Phase Asynchronous Motor
1L(IP23) 系列三相异步电动机 (H160-355)	1L(IP23) Series 3-Phase Asynchronous Motor
Y(IP23) 系列三相异步电动机 (H400-500)	Y(IP23) Series 3-Phase Asynchronous Motor
YZS 系列起重用三相异步电动机 (H160-225)	YZS Series Crane 3-Phase Asynchronous Motor
YEJ 系列电磁制动三相异步电动机 (H80-225)	YEJ Series Electromagnetic Braking 3-Phase Asynchronous Motor
YB3 系列隔爆型三相异步电动机 (H80-355)	YB3 Series Flameproof 3-Phase Asynchronous Motor
YBX3 系列隔爆型三相异步电动机 (H80-355)	YBX3 Series Flameproof 3-Phase Asynchronous Motor
YBK3 系列煤矿井下用隔爆型三相异步电动机 (H80-355)	YBK3 Series Flameproof 3-Phase Asynchronous Motor for Coal Mines
YB2-H 系列船用隔爆型三相异步电动机 (H80-355)	YB2-H Series Flameproof 3-Phase Asynchronous Motor For Ships
YBBP 系列隔爆型变频调速三相异步电动机 (H80-355)	YBBP Series Flameproof Frequency Control 3-Phase Asynchronous Motor
YFB2 系列粉尘防爆型三相异步电动机 (H80-355)	YFB2 Series Dust Explosion-Proof 3-Phase Asynchronous Motor
Y3 系列三相异步电动机 (H355-450)	Y3 Series 3-Phase Asynchronous Motor
Y 系列高压三相异步电动机 (H355-800)	Y Series High-Voltage 3-Phase Asynchronous Motor
YX 系列高压三相异步电动机 (6KV, H355-630)	YX Series High-Voltage 3-Phase Asynchronous Motor
YX 系列高压三相异步电动机 (10KV, H400-630)	YX Series High-Voltage 3-Phase Asynchronous Motor
YKK 系列高压三相异步电动机 (H355-800)	YKK Series High-Voltage 3-Phase Asynchronous Motor
Y2 系列高压三相异步电动机 (H355-560)	Y2 Series High-Voltage 3-Phase Asynchronous Motor
YR 系列高压绕线转子三相异步电动机 (H355-1000)	YR Series High-Voltage 3-Phase Wound Rotor Asynchronous Motor
YRKK 系列高压绕线转子三相异步电动机 (H355-1000)	YRKK Series High-Voltage 3-Phase Wound Rotor Asynchronous Motor
YFSS 系列双馈异步风力发电机 (H450-630)	YFSS Series Doubly Fed Induction Windmill Generator
YFWK 系列双馈异步风力发电机 (H500)	YFWK Series Doubly Fed Induction Windmill Generator

客户合作 Cooperative Partner

