

 **YE4** 系列三相异步电动机  
SERIES THREE-PHASE ASYNCHRONOUS MOTOR



 **产品概述** *Product Introduction*

YE4 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》中规定的一级效率标准。同时，符合IEC 60034-30-1: 2014标准的IE4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。

YE4系列电机的安装尺寸符合IEC60034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。

YE4 series three-phase asynchronous motor is in line with the first 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, IE4 efficiency standard is also be 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.

YE4 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. YE4 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, mining industry.

 **详细说明** *Specification*

◆现场条件

YE4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）。标准电机装有辅流式塑料风扇。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（IP56,IP60,IP65）

◆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

YE4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。

◆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

YE4 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. (IP56,IP60,IP65)

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.

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 <sup>2</sup>	噪音 noise level LW dB(A)	重量 net weight kg
YE4-80M1-2	0.75	2855	1.6	1.5	1.5	1.2	84.9%	0.83	2.5	2.3	2.3	7	0.001	62	19
YE4-80M2-2	1.1	2855	2.3	2.2	2.1	1.7	86.7%	0.83	3.7	2.2	2.3	7.3	0.002	62	20
YE4-90S-2	1.5	2875	3.1	2.9	2.8	2.2	87.5%	0.85	5.0	2.2	2.3	7.6	0.002	67	23
YE4-90L-2	2.2	2875	4.4	4.1	4.0	3.2	89.1%	0.86	7.3	2.2	2.3	7.6	0.003	67	32
YE4-100L-2	3	2880	5.8	5.5	5.3	4.2	89.7%	0.87	9.9	2.2	2.3	7.8	0.006	74	45
YE4-112M-2	4	2900	7.6	7.3	7.0	5.5	90.3%	0.88	13.2	2.2	2.3	8.3	0.009	77	50
YE4-132S1-2	5.5	2900	10.4	9.9	9.5	7.5	91.5%	0.88	18.1	2	2.3	8.3	0.024	79	85
YE4-132S2-2	7.5	2900	13.9	13.2	12.7	10.1	92.1%	0.89	24.7	2	2.3	7.9	0.029	79	91
YE4-160M1-2	11	2940	20.2	19.2	18.5	14.6	93.0%	0.89	35.7	2	2.3	8.1	0.067	81	134
YE4-160M2-2	15	2940	27.4	26.0	25.1	19.8	93.4%	0.89	48.7	2	2.3	8.1	0.080	81	150
YE4-160L-2	18.5	2940	33.7	32.0	30.8	24.4	93.8%	0.89	60.1	2	2.3	8.2	0.097	81	170
YE4-180M-2	22	2955	39.8	37.8	36.4	28.8	94.4%	0.89	71.1	2	2.3	8.2	0.137	83	244
YE4-200L1-2	30	2965	54.2	51.5	49.6	39.2	94.5%	0.89	96.6	2	2.3	7.6	0.227	84	329
YE4-200L2-2	37	2965	66.6	63.3	61.0	48.2	94.8%	0.89	119.2	2	2.3	7.6	0.269	84	345
YE4-225M-2	45	2970	80.8	76.7	74.0	58.5	95.1%	0.89	144.7	2	2.3	7.7	0.360	86	436
YE4-250M-2	55	2975	98.4	93.5	90.1	71.2	95.4%	0.89	176.6	2	2.3	7.7	0.791	89	546
YE4-280S-2	75	2975	133.9	127.2	122.6	96.9	95.6%	0.89	240.8	1.8	2.3	7.1	0.960	91	681
YE4-280M-2	90	2975	160.4	152.4	146.9	116.1	95.8%	0.89	288.9	1.8	2.3	7.1	1.157	91	731
YE4-315S-2	110	2980	193.4	183.8	177.1	140.0	96.0%	0.9	352.5	1.8	2.3	7.1	1.662	92	1296
YE4-315M-2	132	2980	232.1	220.5	212.6	168.0	96.0%	0.9	423.0	1.8	2.3	7.1	1.874	92	1369
YE4-315L1-2	160	2980	277.7	263.8	254.3	201.0	96.2%	0.91	512.8	1.8	2.3	7.2	2.146	92	1463
YE4-315L-2	185	2980	321.1	305.0	294.0	232.4	96.2%	0.91	592.9	1.8	2.3	7.2	2.481	92	1539
YE4-315L2-2	200	2980	346.8	329.4	317.5	251.0	96.3%	0.91	640.9	1.8	2.2	7.2	2.448	92	1544
YE4-355M1-2	220	2980	381.4	362.4	349.3	276.1	96.3%	0.91	705.0	1.6	2.2	8.5	3.800	100	1720
YE4-355M2-2	250	2980	433.0	411.4	396.5	313.4	96.4%	0.91	801.2	1.6	2.2	8.5	4.400	100	1830
YE4-355L1-2	280	2980	485.0	460.7	444.1	351.0	96.4%	0.91	897.3	1.6	2.2	8.5	4.800	100	1960
YE4-355L2-2	315	2980	545.0	517.8	499.1	394.5	96.5%	0.91	1009.5	1.6	2.2	8.5	5.000	100	2160
YE4-3551-2	355	2980	613.6	582.9	561.8	444.1	96.6%	0.91	1137.6	1.2	1.8	8.5	5.600	104	2280
YE4-3552-2	400	2980	691.4	656.8	633.1	500.4	96.6%	0.91	1201.7	1.2	1.8	8.5	5.900	104	2360
YE4-4001-2	450	2980	779.0	740.1	713.3	563.8	96.7%	0.91	1442	1.2	1.8	8.5	6.400	109	3150
YE4-4002-2	500	2980	865.6	822.3	792.6	626.5	96.7%	0.91	1602	1.2	1.8	8.5	8.600	109	3300

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 <sup>2</sup>	噪音 noise level LW dB(A)	重量 net weight kg
YE4-80M2-4	0.75	1400	1.8	1.7	1.6	1.3	85.6%	0.74	5.1	2.3	2.3	6.6	0.003	56	20
YE4-90S-4	1.1	1425	2.5	2.4	2.3	1.8	87.4%	0.75	7.4	2.3	2.3	6.8	0.004	59	27
YE4-90L-4	1.5	1425	3.3	3.2	3.0	2.4	88.1%	0.78	10.1	2.3	2.3	7	0.005	59	30
YE4-100L1-4	2.2	1440	4.7	4.5	4.3	3.4	89.7%	0.79	14.6	2.3	2.3	7.6	0.012	64	41
YE4-100L2-4	3	1440	6.3	6.0	5.8	4.6	90.3%	0.8	19.9	2.3	2.3	7.6	0.016	64	46
YE4-112M-4	4	1450	8.4	7.9	7.7	6.0	90.9%	0.8	26.3	2.2	2.3	7.8	0.022	65	54
YE4-132S-4	5.5	1455	11.3	10.8	10.4	8.2	92.1%	0.8	36.1	2	2.3	7.9	0.060	71	100
YE4-132M-4	7.5	1455	15.2	14.4	13.9	11.0	92.6%	0.81	49.2	2	2.3	7.5	0.071	71	112
YE4-160M-4	11	1465	21.5	20.4	19.7	15.6	93.6%	0.83	71.7	2.2	2.3	7.7	0.137	73	148
YE4-160L-4	15	1465	28.9	27.4	26.4	20.9	94.0%	0.84	97.8	2.2	2.3	7.8	0.171	73	172
YE4-180M-4	18.5	1470	35.1	33.3	32.1	25.4	94.3%	0.85	120.2	2	2.3	7.8	0.238	76	241
YE4-180L-4	22	1475	41.5	39.4	38.0	30.1	94.7%	0.85	142.4	2	2.3	7.8	0.259	76	257
YE4-200L-4	30	1475	56.4	53.6	51.7	40.9	95.0%	0.85	194.2	2	2.3	7.3	0.459	76	366
YE4-225S-4	37	1480	68.6	65.2	62.8	49.6	95.3%	0.86	238.8	2	2.3	7.4	0.656	78	407
YE4-225M-4	45	1480	83.2	79.0	76.1	60.2	95.6%	0.86	290.4	2	2.3	7.4	0.758	78	435
YE4-250M-4	55	1480	101.4	96.4	92.9	73.4	95.8%	0.86	354.9	2.2	2.3	7.4	1.078	79	553
YE4-280S-4	75	1485	136.4	129.6	124.9	98.8	96.0%	0.87	482.3	2	2.3	6.9	1.800	80	717
YE4-280M-4	90	1485	161.5	153.5	147.9	116.9	96.2%	0.88	578.8	2	2.3	6.9	2.130	80	788
YE4-315S-4	110	1485	194.8	185.1	178.4	141.0	96.4%	0.89	707.4	2	2.2	7	3.415	88	1320
YE4-315M-4	132	1485	233.5	221.8	213.8	169.0	96.5%	0.89	848.9	2	2.2	7	3.807	88	1387
YE4-315L1-4	160	1485	279.9	265.9	256.3	202.6	96.5%	0.9	1029.0	2	2.2	7.1	3.423	88	1458
YE4-315L-4	185	1485	323.6	307.5	296.4	234.3	96.5%	0.9	1189.7	2	2.2	7.1	3.958	88	1540
YE4-315L2-4	200	1485	349.5	332.0	320.0	253.0	96.6%	0.9	1286.2	2	2.2	7.1	5.262	88	1545
YE4-355M1-4	220	1490	384.1	364.9	351.7	278.0	96.7%	0.9	1410.1	1.8	2.2	8.5	9.2	92	1750
YE4-355M2-4	250	1490	436.5	414.6	399.6	315.9	96.7%	0.9	1602.3	1.8	2.2	8.5	9.9	92	1840
YE4-355L1-4	280	1490	488.8	464.4	447.6	353.8	96.7%	0.9	1794.6	1.8	2.2	8.5	10.2	92	1930
YE4-355L2-4	315	1490	549.4	521.9	503.0	397.6	96.8%	0.9	2019.0	1.8	2.2	8.5	11.6	92	2280
YE4-3551-4	355	1490	626.1	594.8	573.3	453.2	96.8%	0.9	2275.3	1.3	1.8	8.5	12.8	92	2396
YE4-3552-4	400	1490	713.5	677.8	653.3	516.4	96.8%	0.9	2563.8	1.3	1.8	8.5	13.4	92	2480
YE4-4001-4	450	1490	799.0	758.1	730.3	578.8	96.8%	0.90	2884	1.3	1.8	8.5	15.6	107	3100
YE4-4002-4	500	1490	885.6	842.3	811.6	640.5	96.8%	0.90	3204	1.3	1.8	8.5	18.4	107	3350

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 <sup>2</sup>	噪音 noise level LW dB(A)	重量 net weight kg
YE4-90S-6	0.75	935	2.0	1.9	1.8	1.4	83.1%	0.70	7.7	2	2.1	6	0.004	57	25
YE4-90L-6	1.1	940	2.8	2.7	2.6	2.1	84.1%	0.70	11.2	2	2.1	6	0.006	57	30
YE4-100L-6	1.5	945	3.7	3.5	3.4	2.7	86.2%	0.71	15.2	2	2.1	6.5	0.016	61	40
YE4-112M-6	2.2	950	5.4	5.1	4.9	3.9	87.1%	0.71	22.1	2	2.1	6.6	0.039	65	46
YE4-132S-6	3	960	7.2	6.9	6.6	5.2	88.7%	0.71	29.8	2	2.1	6.8	0.035	69	83
YE4-132M1-6	4	960	9.4	8.9	8.6	6.8	89.7%	0.72	39.8	2	2.1	6.8	0.043	69	95
YE4-132M2-6	5.5	960	13.0	12.3	11.9	9.4	89.5%	0.72	54.7	2	2.1	7	0.056	69	110
YE4-160M-6	7.5	970	16.2	15.4	14.8	11.7	90.2%	0.78	73.8	2	2.1	7	0.140	73	146
YE4-160L-6	11	970	23.1	22.0	21.2	16.7	91.5%	0.79	108.3	2	2.1	7.2	0.192	73	168
YE4-180L-6	15	975	30.8	29.3	28.2	22.3	92.5%	0.80	146.9	2	2.1	7.3	0.319	73	204
YE4-200L1-6	18.5	975	37.7	35.9	34.6	27.3	93.1%	0.80	181.2	2	2.1	7.3	0.446	73	308
YE4-200L2-6	22	975	43.9	41.8	40.2	31.8	93.9%	0.81	215.5	2	2.1	7.4	0.557	73	326
YE4-225M-6	30	985	58.9	56.0	54.0	42.7	94.3%	0.82	290.9	2	2.1	6.9	0.832	74	397
YE4-250M-6	37	985	71.6	68.0	65.6	51.8	94.6%	0.83	358.7	2	2.1	7.1	1.447	76	477
YE4-280S-6	45	985	84.8	80.5	77.6	61.4	94.9%	0.85	436.3	2	2.0	7.3	2.252	78	702
YE4-280M-6	55	985	102.1	97.0	93.5	73.9	95.2%	0.86	533.2	2	2.0	7.3	2.726	78	763
YE4-315S-6	75	990	142.2	135.1	130.2	102.9	95.4%	0.84	723.5	2	2.0	6.6	3.984	83	1265
YE4-315M-6	90	990	168.3	159.9	154.1	121.8	95.6%	0.85	868.2	2	2.0	6.7	4.500	83	1334
YE4-315L1-6	110	990	205.7	195.4	188.3	148.9	95.6%	0.85	1061.1	2	2.0	6.7	5.607	83	1465
YE4-315L2-6	132	990	243.4	231.3	222.9	176.2	95.8%	0.86	1273.3	2	2.0	6.8	6.935	83	1525
YE4-355M1-6	160	990	294.5	279.7	269.6	213.1	96.0%	0.86	1543.4	1.6	2	7.8	11.9	85	1680
YE4-355M-6	185	990	340.1	323.1	311.4	246.2	96.1%	0.86	1784.6	1.6	2	7.8	12.9	85	1730
YE4-355M2-6	200	990	367.7	349.3	336.7	266.1	96.1%	0.86	1929.3	1.6	2	7.8	13.4	85	1810
YE4-355L1-6	220	990	404.5	384.2	370.3	292.7	96.3%	0.86	2122.2	1.6	2	7.8	13.9	85	1960
YE4-355L2-6	250	990	459.6	436.6	420.8	332.7	96.5%	0.86	2411.6	1.6	2	7.8	14.3	85	2250
YE4-3551-6	315	990	592.9	563.2	542.9	429.1	96.6%	0.87	3038.6	1.2	1.8	7.8	15.2	91	2490
YE4-4001-6	355	990	648.9	616.2	593.9	469.6	96.6%	0.87	3424.5	1.2	1.8	7.8	18.2	96	3000
YE4-4002-6	400	990	730.8	694.3	669.2	528.9	96.6%	0.87	3858	1.2	1.8	7.8	19.3	100	3200
YE4-4003-6	450	990	815.6	775	751.6	590.5	96.6%	0.87	4340	1.2	1.8	7.8	19.3	100	3400

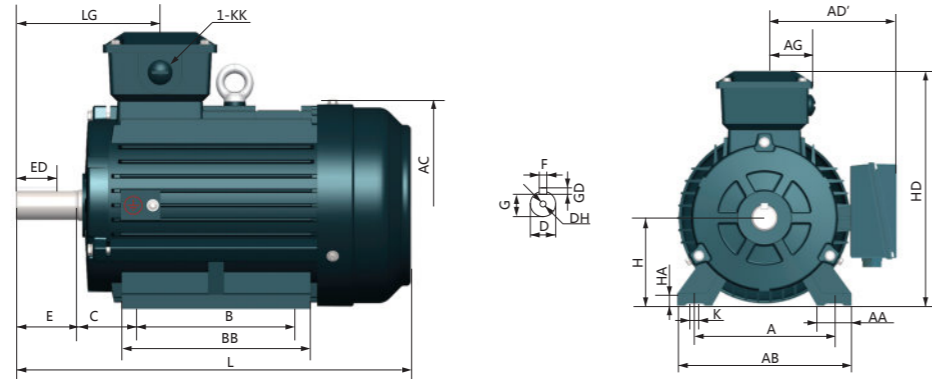
技术数据 *Technical Data*

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

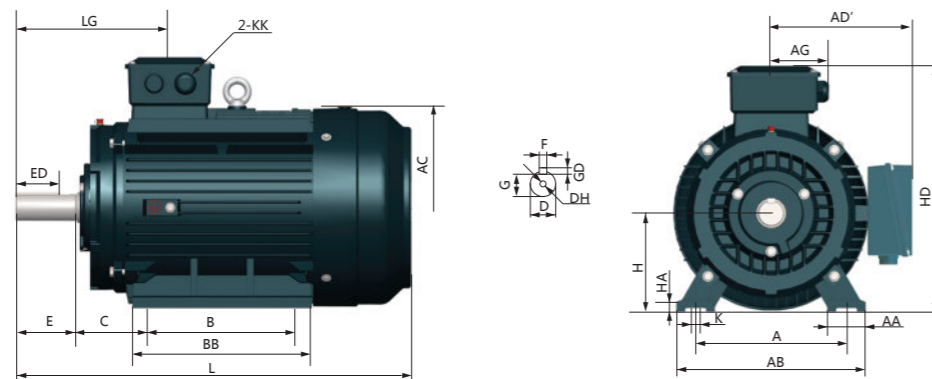
型号 motor type	额定 功率 rated output kW	额定 转速 rated speed rpm	额定 电流 IFL 380V A	额定 电流 IFL 400V A	额定 电流 IFL 415V A	额定 电流 IFL 525V A	效率 EFF %	功率 因数 power factor cosφ	额定 转矩 rated torque N.m	堵转 转矩 TST/TFL	最大 转矩 TM/TFL	堵转 电流 IST/IFL	转动 惯量 M of I kgm <sup>2</sup>	噪音 noise level LW dB(A)	重量 net weight kg
YE4-100L1-8	0.75	690	2.2	2.1	2	1.6	78.40%	0.66	10.4	2	2.1	7	0.008	59	45
YE4-100L2-8	1.1	690	3.1	2.9	2.8	2.2	80.80%	0.67	15.2	2	2.1	7	0.01	59	47
YE4-112M-8	1.5	690	4	3.8	3.7	2.9	82.60%	0.69	20.8	2	2.1	7	0.017	61	50
YE4-132S-8	2.2	710	5.7	5.4	5.2	4.1	84.50%	0.7	29.6	2	2.1	7.5	0.031	64	65
YE4-132M-8	3	710	7.6	7.2	6.9	5.5	85.90%	0.7	40.4	2	2.1	7.8	0.04	64	75
YE4-160M1-8	4	720	9.8	9.3	9	7.1	87.10%	0.71	53.1	2	2.1	7.9	0.075	68	105
YE4-160M2-8	5.5	720	13.1	12.5	12	9.5	88.30%	0.72	73.0	2	2.1	8.1	0.093	68	125
YE4-160L-8	7.5	720	17.2	16.4	15.8	12.5	89.30%	0.74	99.5	2	2.1	7.8	0.126	68	135
YE4-180L-8	11	730	25	23.7	22.9	18.1	90.40%	0.74	143.9	2	2.1	7.9	0.203	70	200
YE4-200L-8	15	730	33.3	31.7	30.5	24.1	91.20%	0.75	196.2	2	2.1	8	0.339	73	240
YE4-225S-8	18.5	730	40.9	38.8	37.4	29.6	91.70%	0.75	242.0	2	2.1	8.1	0.491	73	280
YE4-225M-8	22	740	47.8	45.4	43.7	34.6	92.10%	0.76	283.9	2	2.1	8.3	0.547	73	310
YE4-250M-8	30	740	63.9	60.7	58.5	46.2	92.70%	0.77	387.2	2	2.1	7.9	0.83	75	400
YE4-280S-8	37	740	77.4	73.5	70.9	56	93.10%	0.78	477.5	2	2.1	7.9	1.4	76	530
YE4-280M-8	45	740	93.9	89.2	85.9	67.9	93.40%	0.78	580.7	2	2	7.9	1.65	76	590
YE4-315S-8	55	740	111.5	105.9	102.1	80.7	93.70%	0.8	709.8	2	2	8.2	4.8	82	790
YE4-315M-8	75	740	151.2	143.7	138.5	109.4	94.20%	0.8	967.9	2	2	7.6	5.6	82	1100
YE4-315L1-8	90	740	178.8	169.9	163.8	129.4	94.40%	0.81	1161.5	2	2	7.7	6.4	82	1160
YE4-315L2-8	110	740	217.9	207	199.5	157.7	94.70%	0.81	1419.6	2	2	7.7	7.3	82	1260
YE4-355M1-8	132	740	261.0	247.9	239	188.8	94.9%	0.81	1703.5	1.6	2.0	5.4	12.5	89	1760
YE4-355M-8	160	740	315.6	300	289	228.4	95.1%	0.81	2064.9	1.6	2.0	5.4	12.9	89	1850
YE4-355L1-8	185	740	363.8	345.6	333	263.3	95.4%	0.81	2387.5	1.6	2.0	5.4	13.9	89	1990
YE4-355L2-8	200	740	393.2	373.6	360	284.6	95.4%	0.81	2581.1	1.6	2.0	5.4	14.2	89	2380
YE4-3551-8	220	740	432.6	411	396	313	95.4%	0.81	2839.2	1.6	1.8	5.4	14.9	89	2430
YE4-3552-8	250	740	491.6	467	450	355.8	95.4%	0.81	3226.4	1.2	1.8	5.4	15.3	89	2496
YE4-4001-8	315	740	610.2	579.7	558.7	445.1	95.4%	0.81	4065.2	1.2	1.8	5.4	26.5	98	3200
YE4-4002-8	355	740	687.7	653.3	629.7	497.6	95.4%	0.81	4581.4	1.2	1.8	5.4	27.8	98	3400

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

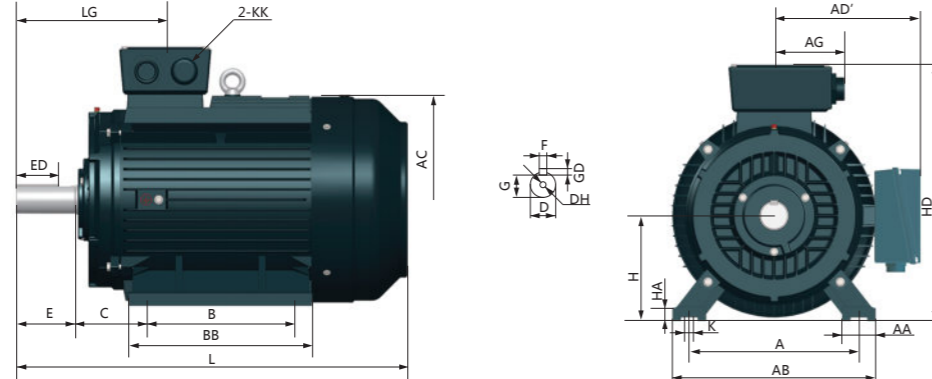
YE4-80~132



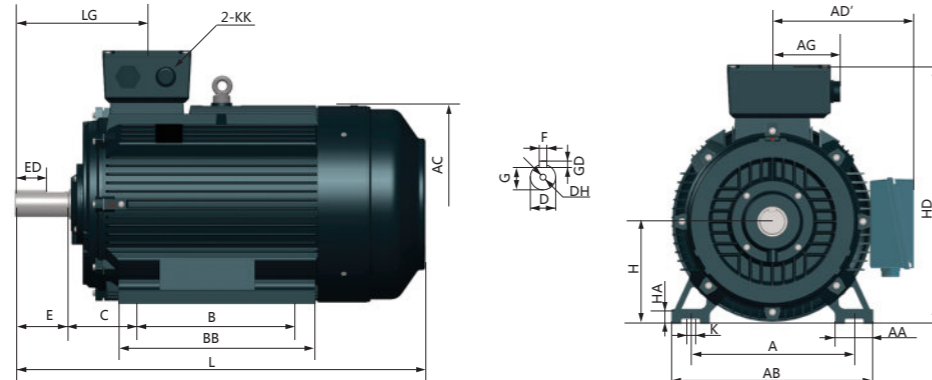
YE4-160~200



YE4-225~280



YE4-315~400



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

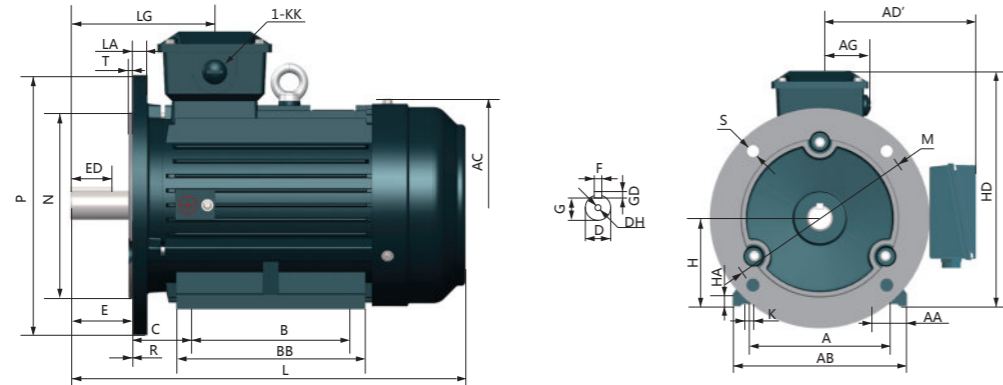
机座号	极数	A	AA	AB	AC	AD'	AG	B	BB	C	D	DH*	E	ED	F	G	GD	H	HA	HD	K	KK	L*	LG
80M	2-8	125	34	165	175	145	51	100	142	50	19	M6X16	40	22	6	15.5	6	80	10	235	10	M24X1.5	301	115
90S	2-8	140	36	180	205	155	60	100	180	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	M24X1.5	360	129
90L	2-8	140	36	180	205	155	60	125	210	56	24	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	215	75	140	204	89	38	M12X28	80	56	10	33	8	132	16	347	12	M30X2	477	250
132M	2-8	216	52	270	275	215	75	178	242	89	38	M12X28	80	56	10	33	8	132	16	347	12	M30X2	515	250
160M	2-8	254	67	320	340	255	95	210	305	108	42	M16X36	110	80	12	37	8	160	19	430	14.5	M36X2	656.5	270
160L	2-8	254	67	320	340	255	95	254	325	108	42	M16X36	110	80	12	37	8	160	19	430	14.5	M36X2	678.5	270
180M	2-8	279	70	345	385	300	120	241	420	121	48	M16x36	110	80	14	42.5	9	180	22	480	14.5	M48X2	818	288
180L	2-8	279	70	345	385	300	120	279	420	121	48	M16x36	110	80	14	42.5	9	180	22	480	14.5	M48X2	818	288
200L	2-8	318	70	390	440	325	120	305	490	133	55	M20x42	110	90	16	49	10	200	25	525	18.5	M48X2	908.5	298
225S	4-8	356	75	435	490	370	160	286	475	149	60	M20x42	140	100	18	53	11	225	28	595	18.5	M64X2	958	350
225M	2	356	75	435	490	370	160	311	475	149	55	M20x42	110	80	16	49	10	225	28	595	18.5	M64X2	928	320
225M	4-8	356	75	435	490	370	160	311	475	149	60	M20x42	140	100	18	53	11	225	28	595	18.5	M64X2	958	350
250M	2	406	80	485	545	390	160	349	515	168	60	M20x42	140	100	18	53	11	250	33	645	24	M64X2	981	350
250M	4-8	406	80	485	545	390	160	349	515	168	65	M20x42	140	100	18	58	11	250	33	645	24	M64X2	981	350
280S	2	457	85	550	610	415	160	368	554	190	65	M20x42	140	100	18	58	11	280	35	700	24	M64X2	1028	350
280S	4-8	457	85	550	610	415	160	368	554	190	75	M20x42	140	100	20	67.5	12	280	35	700	24	M64X2	1042	350
280M	2	457	85	550	610	415	160	419	554	190	65	M20x42	140	100	18	58	11	280	35	700	24	M64X2	1028	350
280M	4-8	457	85	550	610	415	160	419	554	190	75	M20x42	140	100	20	67.5	12	280	35	700	24	M64X2	1042	350
315S	2	508	120	635	670	600	260	406	790	216	65	M20x42	140	100	18	58	11	315	35	920	28	M72X2	1419	387
315M	2	508	120	635	670	600	260	457	790	216	65	M20x42	140	100	18	58	11	315	35	920	28	M72X2	1419	387
315L	2	508	120	635	670	600	260	508	790	216	65	M20x42	140	100	18	58	11	315	35	920	28	M72X2	1419	387
315S	4-8	508	120	635	670	600	260	406	790	216	80	M20x42	170	130	22	71	14	315	35	920	28	M72X2	1492	417
315M	4-8	508	120	635	670	600	260	457	790	216	80	M20x42	170	130	22	71	14	315	35	920	28	M72X2	1492	417
315L	4-8	508	120	635	670	600	260	508	790	216	80	M20x42	170	130	22	71	14	315	35	920	28	M72X2	1492	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
400	2	686	125	806	860		260	710	1090	280	85	M24X50	170	140	22	76	14	400	52	1080	36	M72X2	1820	
400	4-8	686	125	806	860		260	710	1090	280	110	M24X50	210	140	28	100	16	400	52	1080	36	M72X2	1880	

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.  
Website: <http://www.gzhqmotor.com>  
The dimension of 'L' with tolerance ±5 for frame 80-132, tolerance ±8 for frame 160-355.

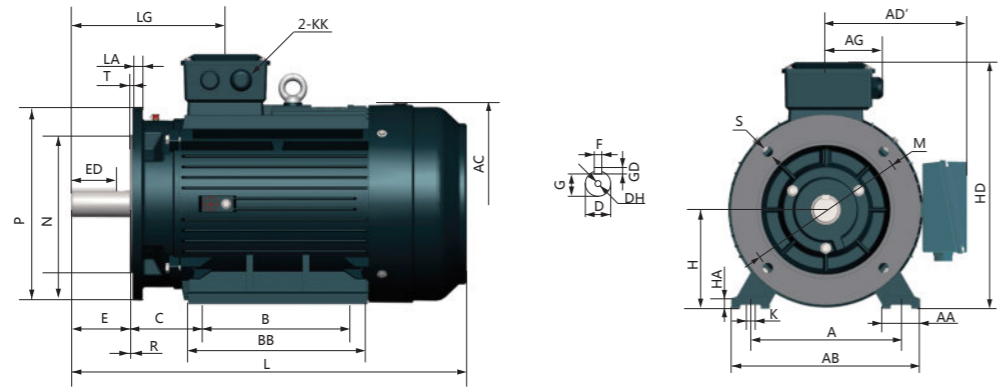
## ▶ B35外形及安装尺寸 *Dimensions Foot-Flange Mount B35*

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

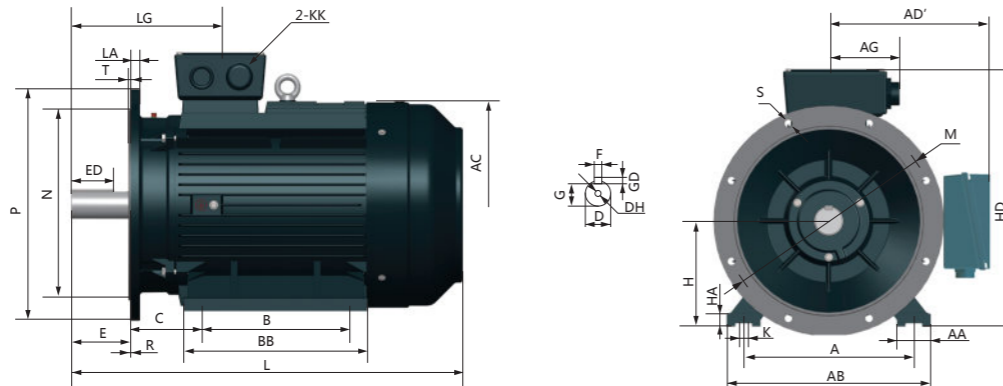
YE4-80~132



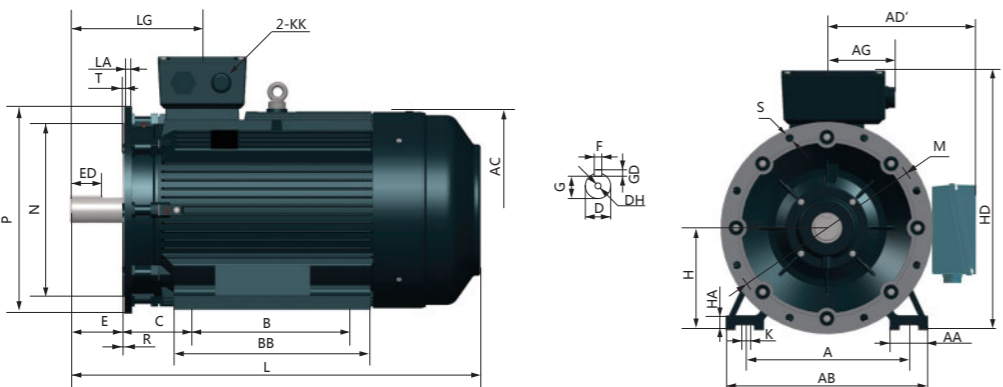
YE4-160~200



YE4-225~280



YE4-315~400

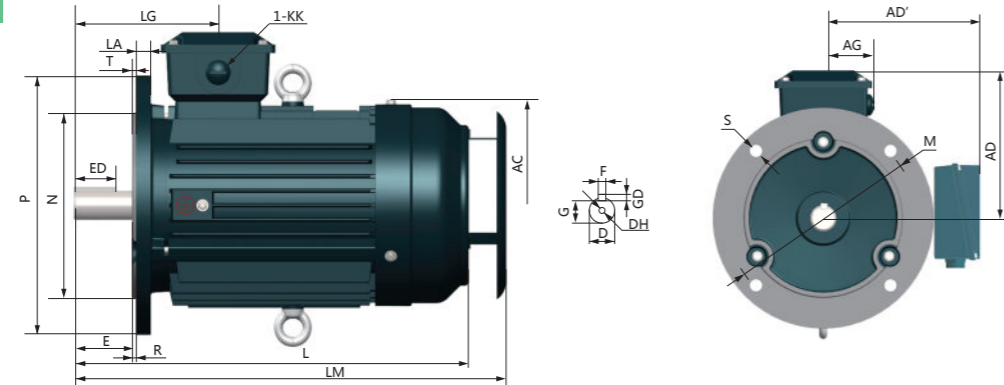


机座号	极数	A	AA	AB	AC	AD'	AG	B	BB	C	D	DH*	E	ED	F	G	GD	H	HA	HD	K	L*	LA	LG	M	N	P	S	T	KK
80M	2-8	125	34	165	175	145	51	100	142	50	19	M6X16	40	22	6	15.5	6	80	10	235	10	301	14	115	165	130	200	12	3.5	M24X1.5
90S	2-8	140	36	180	205	155	60	100	180	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	360	12	129	165	130	200	12	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	215	75	140	204	89	38	M12X28	80	56	10	33	8	132	16	347	12	477	14	250	265	230	300	14.5	4	M30X2
132M	2-8	216	52	270	275	215	75	178	242	89	38	M12X28	80	56	10	33	8	132	16	347	12	515	14	250	265	230	300	14.5	4	M30X2
160M	2-8	254	67	320	340	255	95	210	305	108	42	M16X36	110	80	12	37	8	160	19	430	14.5	565.5	15	270	300	250	350	18.5	5	M36X2
160L	2-8	254	67	320	340	255	95	254	325	108	42	M16X36	110	80	12	37	8	160	19	430	14.5	567.5	15	270	300	250	350	18.5	5	M36X2
180M	2-8	279	70	345	385	300	120	241	420	121	48	M16X36	110	80	14	42.5	9	180	22	480	14.5	818	15	288	300	250	350	18.5	5	M48x2
180L	2-8	279	70	345	385	300	120	279	420	121	48	M16X36	110	80	14	42.5	9	180	22	480	14.5	818	15	288	300	250	350	18.5	5	M48x2
200L	2-8	318	70	390	440	325	120	305	490	133	55	M20X42	110	90	16	49	10	200	25	525	18.5	908.5	17	298	350	300	400	18.5	5	M48X2
225S	4-8	356	75	435	490	370	160	286	475	149	60	M20X42	140	100	18	53	11	225	28	595	18.5	958	19	350	400	350	450	18.5	5	M64X2
225M	2	356	75	435	490	370	160	311	475	149	55	M20X42	110	80	16	49	10	225	28	595	18.5	928	19	320	400	350	450	18.5	5	M64X2
225M	4-8	356	75	435	490	370	160	311	475	149	60	M20X42	140	100	18	53	11	225	28	595	18.5	958	19	350	400	350	450	18.5	5	M64X2
250M	2	406	80	485	545	390	160	349	515	168	60	M20X42	140	100	18	53	11	250	33	645	24	981	22	350	500	450	550	18.5	5	M64X2
250M	4-8	406	80	485	545	390	160	349	515	168	65	M20X42	140	100	18	58	11	250	33	645	24	981	22	350	500	450	550	18.5	5	M64X2
280S	2	457	85	550	610	415	160	368	554	190	65	M20X42	140	100	18	58	11	280	35	700	24	1028	22	350	500	450	550	18.5	5	M64X2
280S	4-8	457	85	550	610	415	160	368	554	190	75	M20X42	140	100	20	67.5	12	280	35	700	24	1042	22	350	500	450	550	18.5	5	M64X2
280M	2	457	85	550	610	415	160	419	554	190	65	M20X42	140	100	18	58	11	280	35	700	24	1028	22	350	500	450	550	18.5	5	M64X2
280M	4-8	457	85	550	610	415	160	419	554	190	75	M20X42	140	100	20	67.5	12	280	35	700	24	1042	22	350	500	450	550	18.5	5	M64X2
315S	2	508	120	635	670	600	260	406	790	216	65	M20X42	140	100	18	58	11	315	35	920	28	1419	24	387	600	550	660	24	6	M72X2
315M	2	508	120	635	670	600	260	457	790	216	65	M20X42	140	100	18	58	11	315	35	920	28	1419	24	387	600	550	660	24	6	M72X2
315L	2	508	120	635	670	600	260	508	790	216	65	M20X42	140	100	18	58	11	315	35	920	28	1419	24	387	600	550	660	24	6	M72X2
315S	4-8	508	120	635	670	600	260	406	790	216	80	M20X42	170	130	22	71	14	315	35	920	28	1492	24	417	600	550	660	24	6	M72X2
315M	4-8	508	120	635	670	600	260	457	790	216	80	M20X42	170	130	22	71	14	315	35	920	28	1492	24	417	600	550	660	24	6	M72X2
315L	4-8	508	120	635	670	600	260	508	790	216	80	M20X42	170	130	22	71	14	315	35	920	28	1492	24	417	600	550	660	24	6	M72X2
355M	2	610	125	735	735	640	260	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	445	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
400	2	686	125	806	860		260	710	1090	280	85	M24X50	170	140	22	76	14	400	52	1080	36	1820	25	532	940	880	1000	28	6	M72X2
400	4-8	686	125	806	860		260	710	1090	280	110	M24X50	210	180	28	100	16	400	52	1080	36	1880	25	572	940	880	1000	28	6	M72X2

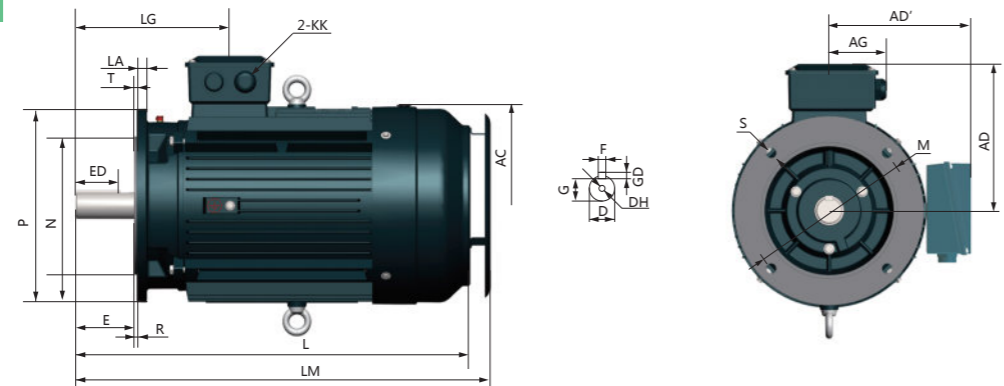
注：1. 图中R尺寸值均为0。The 'R' dimensions is zero.  
 2. 图中DH默认为不带螺纹的中心孔，可根据需要加工成螺纹孔。  
 The 'DH' defaults to a non-threaded center hole and it can be machined into a threaded hole as required.  
 3. 80-132机座号的L尺寸公差±5，160-355机座号的L尺寸公差±8。  
 The dimension of 'L' with tolerance ±5 for frame 80-132, tolerance ±8 for frame 160-355.

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

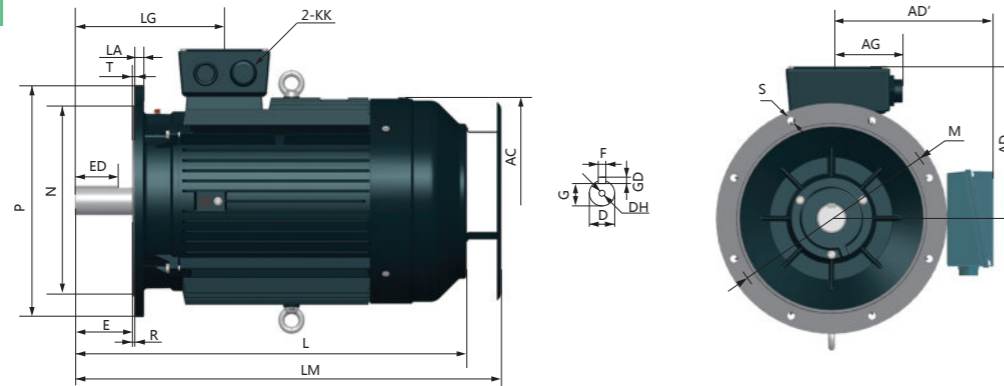
YE4-80~132



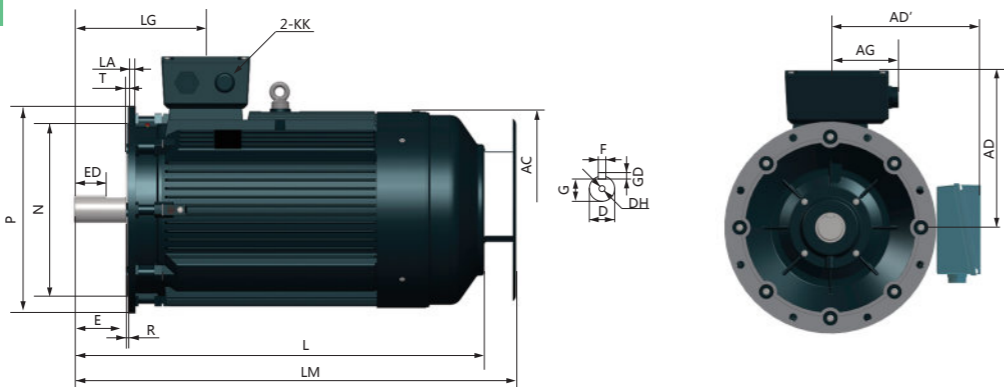
YE4-160~200



YE4-225~280



YE4-315~355



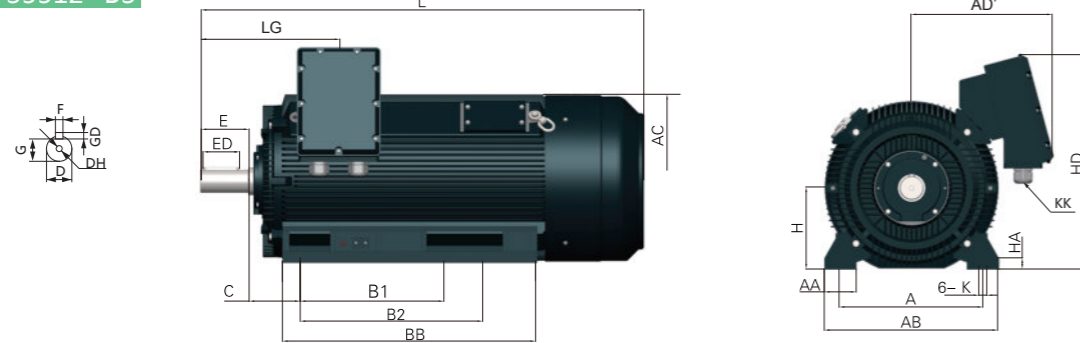
▶ B5&V1外形及安装尺寸 *Dimensions Flange Mount B5&V1*

机座号	极数	AC	D	AD	AD'	AG	DH*	E	ED	F	G	GD	LA	LG	M	N	P	S	T	KK	L*	LM*
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	215	75	M12X28	80	56	10	33	8	14	250	265	230	300	14.5	4	M30X2	477	-
132M	2-8	275	38	215	215	75	M12X28	80	56	10	33	8	14	250	265	230	300	14.5	4	M30X2	515	-
160M	2-8	340	42	270	255	95	M16X36	110	80	12	37	8	15	270	300	250	350	18.5	5	M36X2	656.5	701.5
160L	2-8	340	42	270	255	95	M16X36	110	80	12	37	8	15	270	300	250	350	18.5	5	M36X2	678.5	723.5
180M	2-8	385	48	300	300	120	M16X36	110	80	14	42.5	9	15	288	300	250	350	18.5	5	M48X2	818	863
180L	2-8	385	48	300	300	120	M16X36	110	80	14	42.5	9	15	288	300	250	350	18.5	5	M48X2	818	863
200L	2-8	440	55	325	325	120	M20X42	110	90	16	49	10	17	298	350	300	400	18.5	5	M48X2	908.5	984
225S	4-8	490	60	370	370	160	M20X42	140	100	18	53	11	19	350	400	350	450	18.5	5	M64X2	958	1033
225M	2	490	55	370	370	160	M20X42	110	80	16	49	10	19	320	400	350	450	18.5	5	M64X2	928	1003
225M	4-8	490	60	370	370	160	M20X42	140	100	18	53	11	19	350	400	350	450	18.5	5	M64X2	958	1033
250M	2	545	60	390	390	160	M20X42	140	100	18	53	11	22	350	500	450	550	18.5	5	M64X2	981	1056
250M	4-8	545	65	390	390	160	M20X42	140	100	18	58	11	22	350	500	450	550	18.5	5	M64X2	981	1056
280S	2	610	65	415	415	160	M20X42	140	100	18	58	11	22	350	500	450	550	18.5	5	M64X2	1028	1113
280S	4-8	610	75	415	415	160	M20X42	140	100	20	67.5	12	22	350	500	450	550	18.5	5	M64X2	1042	1127
280M	2	610	65	415	415	160	M20X42	140	100	18	58	11	22	350	500	450	550	18.5	5	M64X2	1028	1113
280M	4-8	610	75	415	415	160	M20X42	140	100	20	67.5	12	22	350	500	450	550	18.5	5	M64X2	1042	1127
315S	2	670	65	600	600	260	M20X42	140	100	18	58	11	24	387	600	550	660	24	6	M72X2	1419	1504
315M	2	670	65	600	600	260	M20X42	140	100	18	58	11	24	387	600	550	660	24	6	M72X2	1419	1504
315L	2	670	65	600	600	260	M20X42	140	100	18	58	11	24	387	600	550	660	24	6	M72X2	1419	1504
315S	4-8	670	80	600	600	260	M20X42	170	130	22	71	14	24	417	600	550	660	24	6	M72X2	1492	1577
315M	4-8	670	80	600	600	260	M20X42	170	130	22	71	14	24	417	600	550	660	24	6	M72X2	1492	1577
315L	4-8	670	80	600	600	260	M20X42	170	130	22	71	14	24	417	600	550	660	24	6	M72X2	1492	1577
355M(V1)	2	735	75	645	640	260	M24X50	140	110	20	67.5	12	25	415	740	680	800	24	6	M72X2	1490	1590
355L(V1)	2	735	75	645	640	260	M24X50	140	110	20	67.5	12	25	415	740	680	800	24	6	M72X2	1490	1590
355M(V1)	4-8	735	95	645	640	260	M24X50	170	140	25	86	14	25	445	740	680	800	24	6	M72X2	1520	1620
355L(V1)	4-8	735	95	645	640	260	M24X50	170	140	25	86	14	25	445	740	680	800	24	6	M72X2	1520	1620
355L加长	2	735	75	645	640	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	645	640	260	M24X50	170	140	25	86	14	25	445	740	680	800	24	6	M72X2	1620	1720

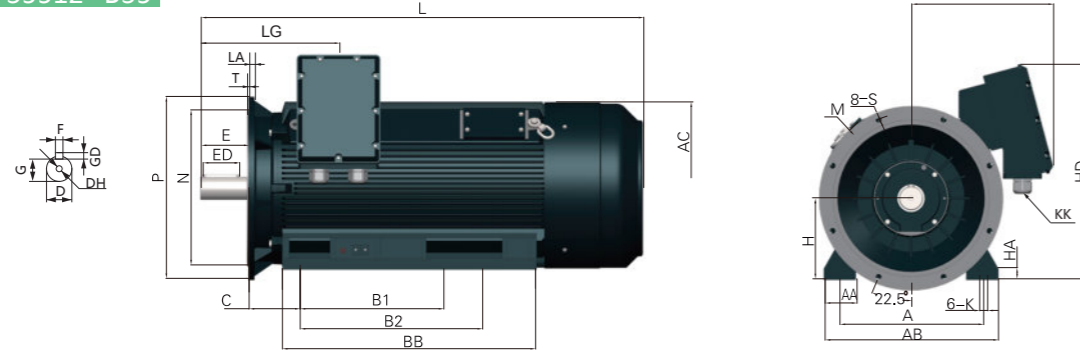
注：1. 图中R尺寸值均为0。The 'R' dimensions is zero.  
 2. 图中DH默认为不带螺纹的中心孔，可根据需要加工成螺纹孔。  
 The 'DH' defaults to a non-threaded center hole and it can be machined into a threaded hole as required.  
 3. 80-132机座号的L和LM尺寸公差±5，160-355机座号的L和LM尺寸公差±8。  
 The dimension of 'L' and 'LM' with tolerance ±5 for frame 80-132, tolerance ±8 for frame 160-355.

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

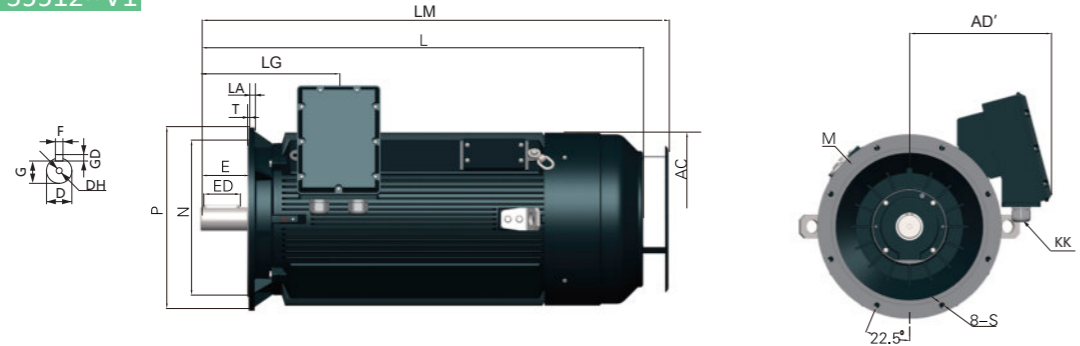
YE4-35512~B3



YE4-35512~B35



YE4-35512~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	900	24	6	M72*2
35512-4-6	4-8	630	140	760	760	630	630	800	1110	224	110	M24X50	210	160	28	100	16	355	49	950	35	28	1940	2040	585	840	780	900	24	6	M72*2

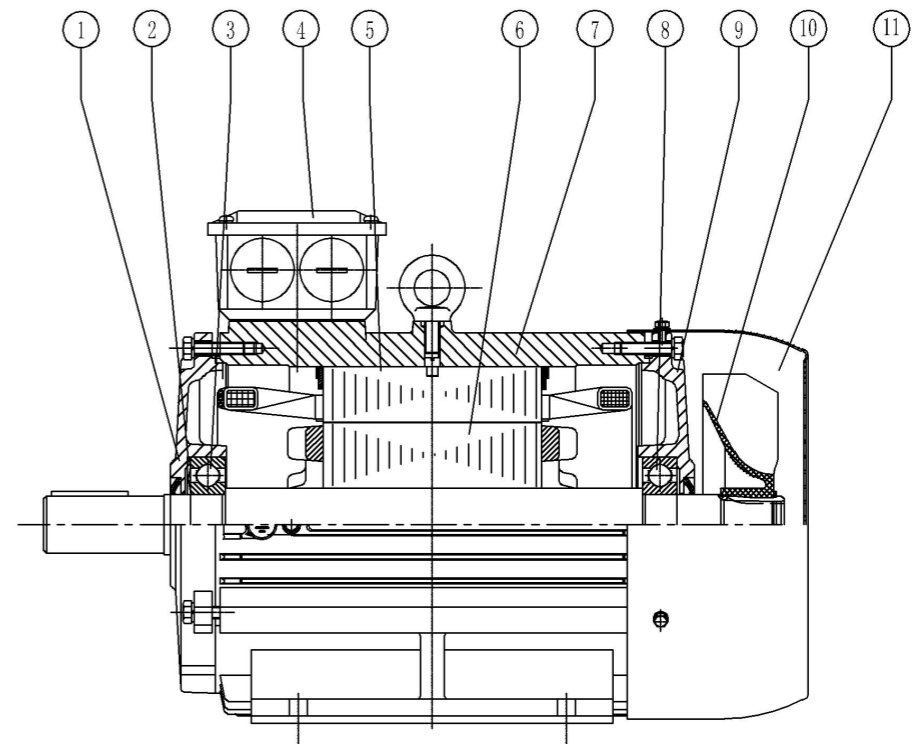
注：1. 图中DH默认为不带螺纹的中心孔，可根据需要加工成螺纹孔。  
The 'DH' defaults to a non-threaded center hole and it can be machined into a threaded hole as required.  
2. 图中L和LM尺寸公差±8。  
The dimension of 'L' and 'LM' with tolerance ±8.

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

YE4 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	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	

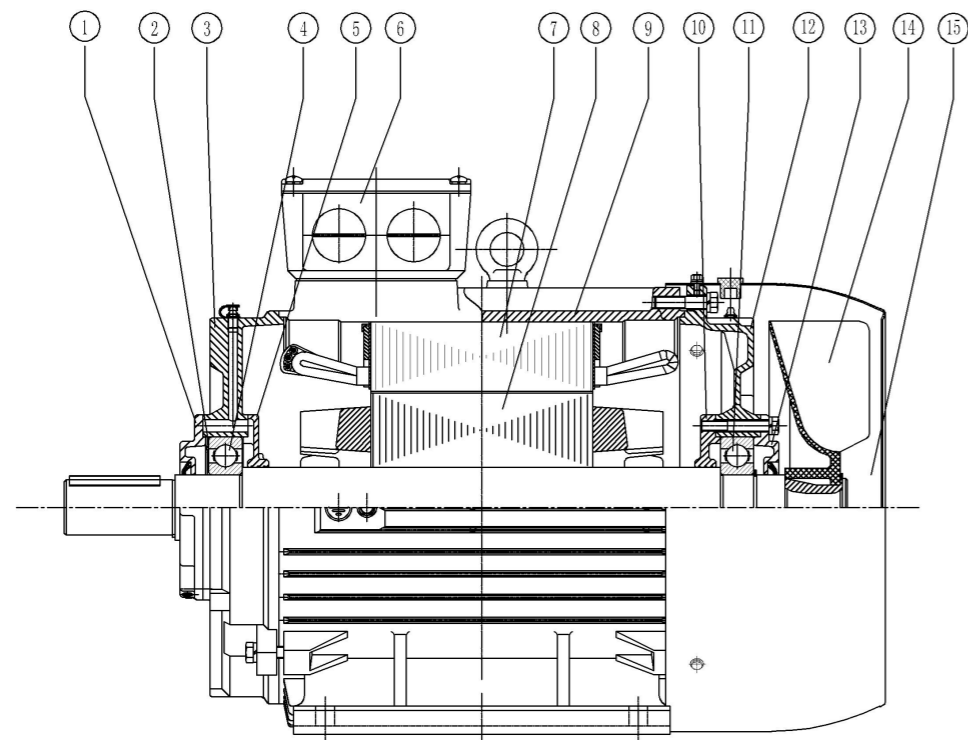


▶ 装配图及零部件明细表 Arrangement And Parts List

**YE4 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.	
<b>特性</b> 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	
<b>安装</b> 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	

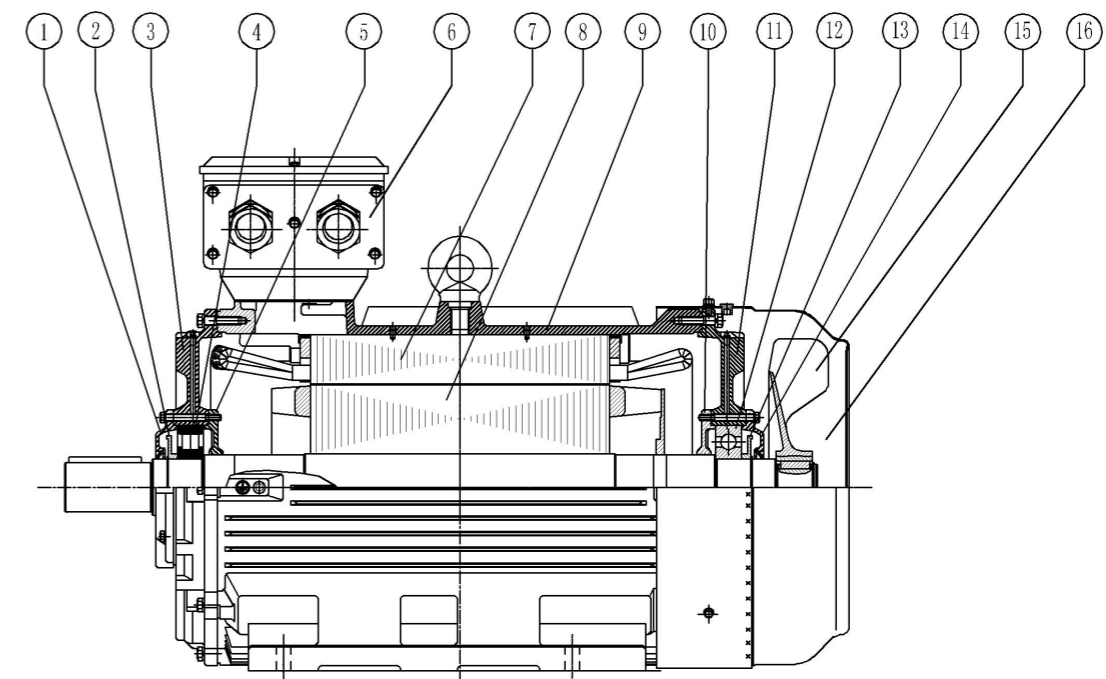


▶ 装配图及零部件明细表 Arrangement And Parts List

**YE4 315~400FRAME**

零部件名称		Parts Description
1	驱动端轴承外盖	Outer bearing cap D.E.
2	驱动端油盘	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.	
<b>特性</b> 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	
<b>安装</b> 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 ingress 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。 Ingress 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

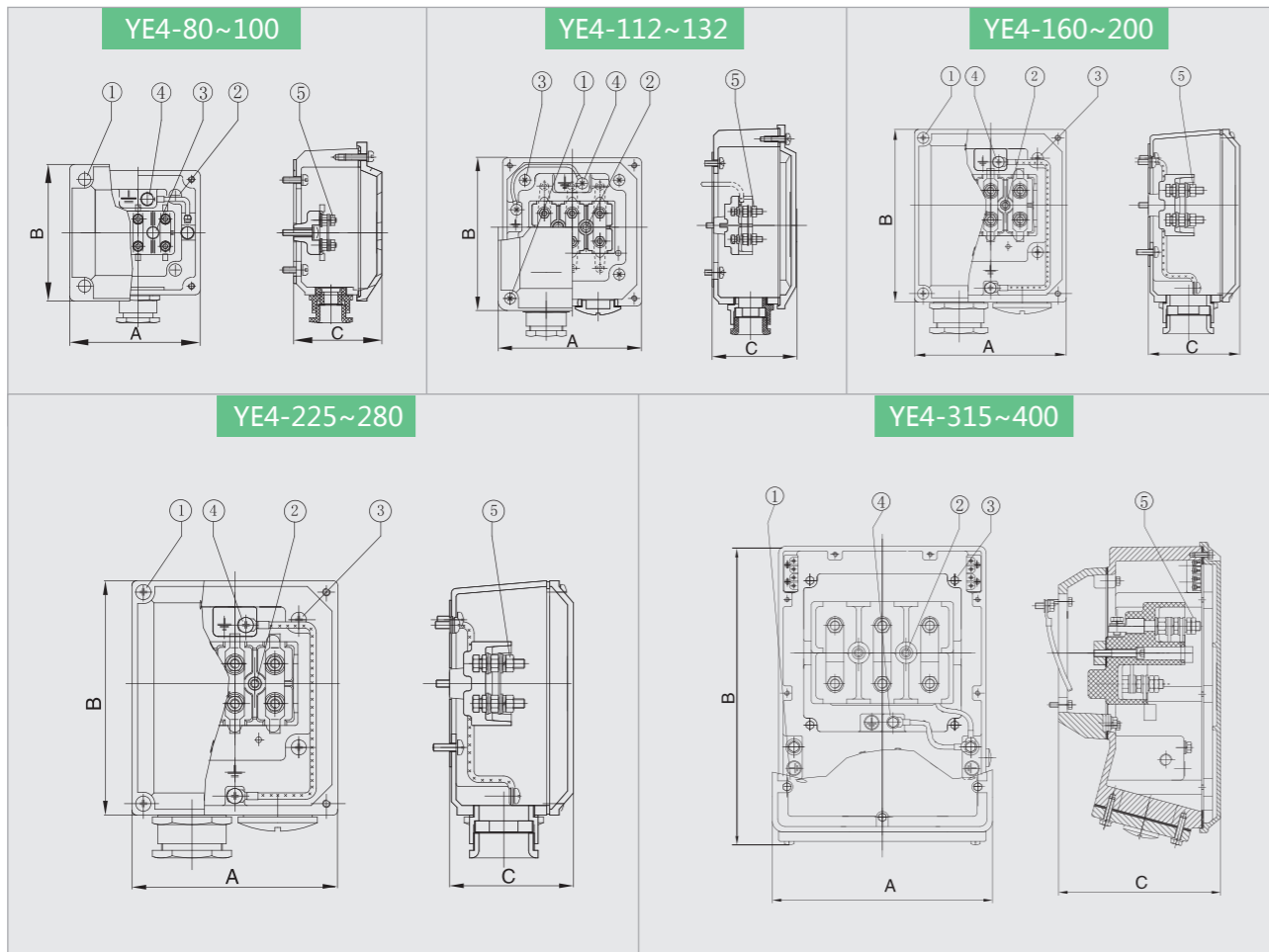
安装型式 Mounting Arrangements

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 ~ 400 	B5 IM3001 H80 ~ 280 	B35 IM2001 H80 ~ 400 	
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

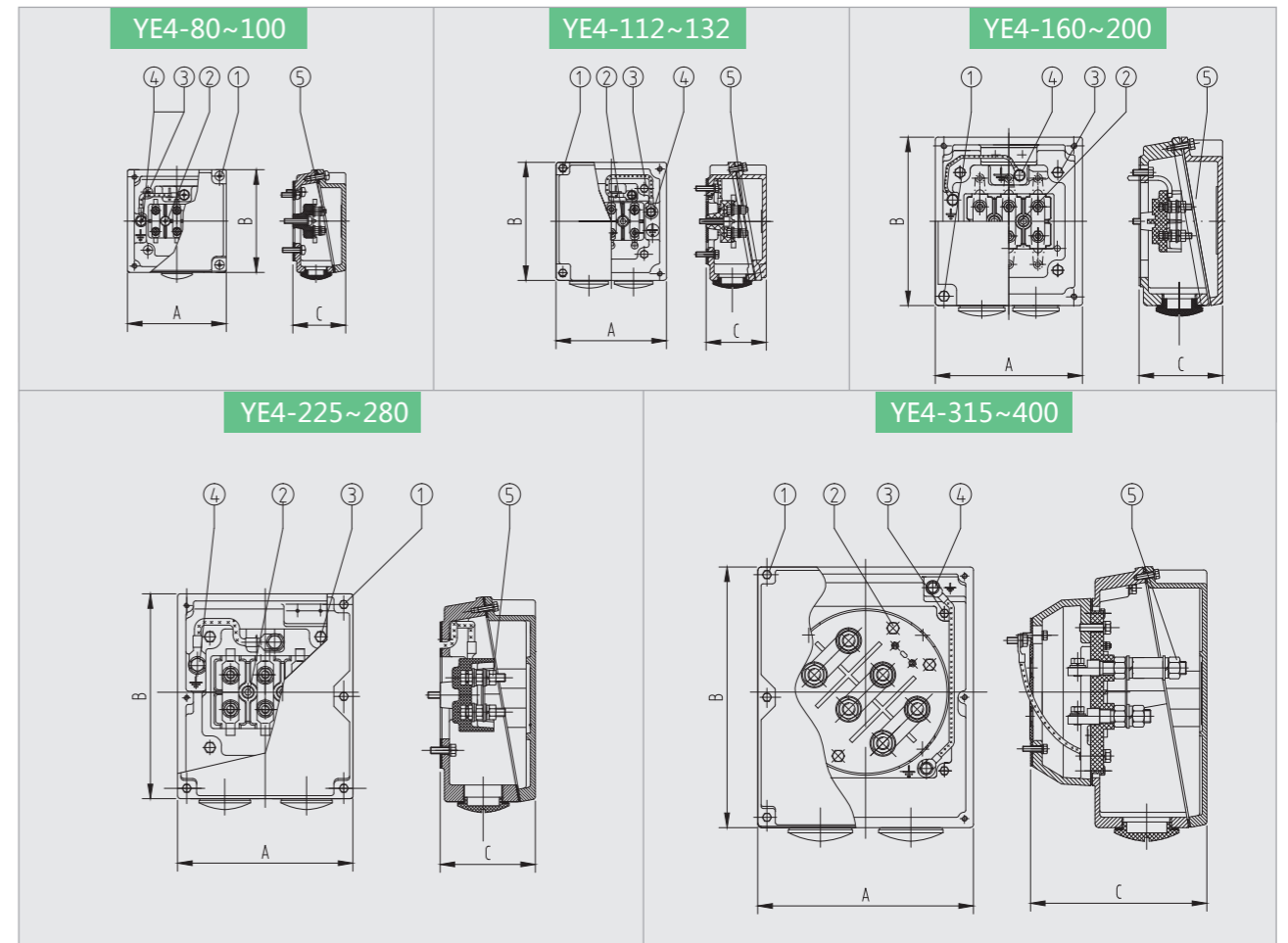
Y接 Star Connection	△接 Delta Connection	Y-△启动连接 Star-Delta Connection

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.)
YE4-80	105	105	65	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE4-90~100	113	113	72	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE4-112~132	121	129	80	M5X16	M5X25	M5X20	M5X16	M5	2XM30X2	2XΦ15
YE4-160	163	173	92	M6X16	M6X25	M6X16	M6X12	M6	2XM36X2	2XΦ25
YE4-180~200	188	208	107	M8x25	M8x35	M8x25	M8x16	M8	2XM48x2	2XΦ36
YE4-225~280	217	246	120	M8x25	M8x35	M8x25	M8x16	M10	2XM64x2	2XΦ51
YE4-315~400	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.)
YE4-80	95	95	56	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE4-90~100	105	109	56	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE4-112~132	117	125	65	M5X16	M5X25	M5X20	M5X16	M5	2XM30X2	2XΦ15
YE4-160	155	177	87	M6X16	M6X25	M6X16	M6X12	M6	2XM36X2	2XΦ25
YE4-180~200	176	212	107	M6X20	M8X35	M8X20	M8X16	M8	2XM48X2	2XΦ36
YE4-225~280	212	248	115	M6X20	M8X35	M8X30	M8x16	M10	2XM64x2	2XΦ51
YE4-315~400	340	410	275	M8X30	M12X40	M12X30	M10X25	M20	2XM72X2	2XΦ52