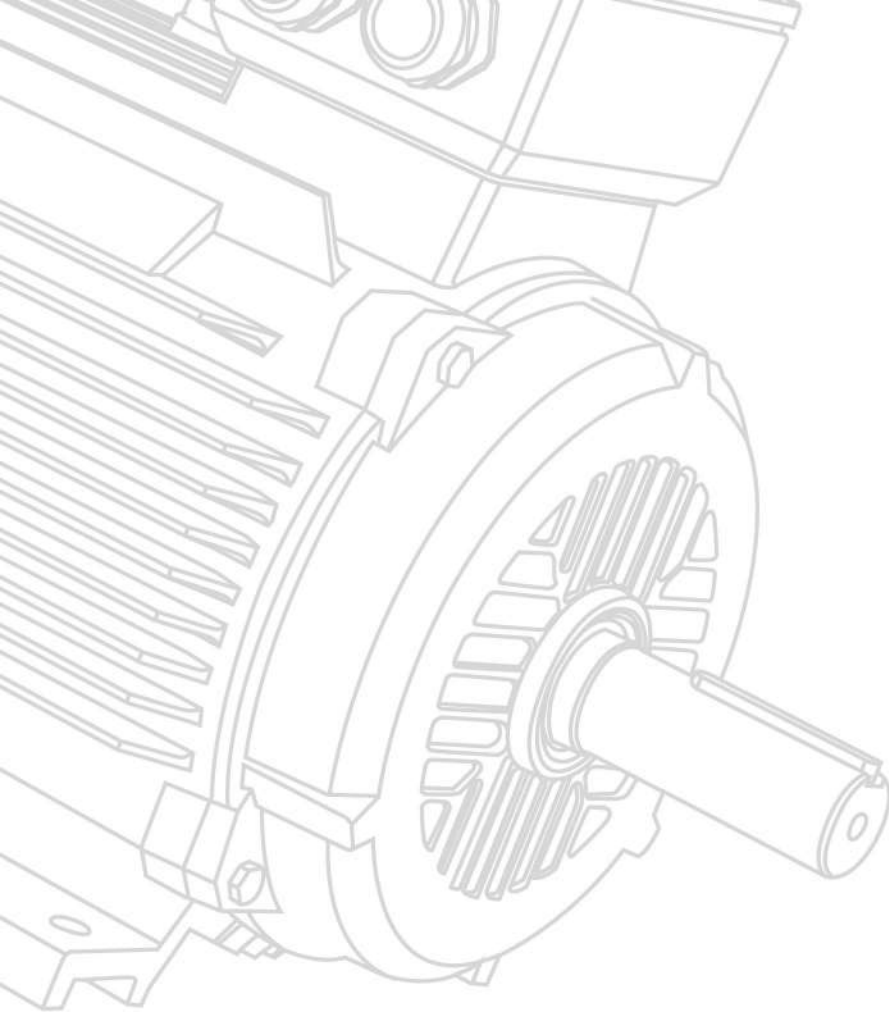
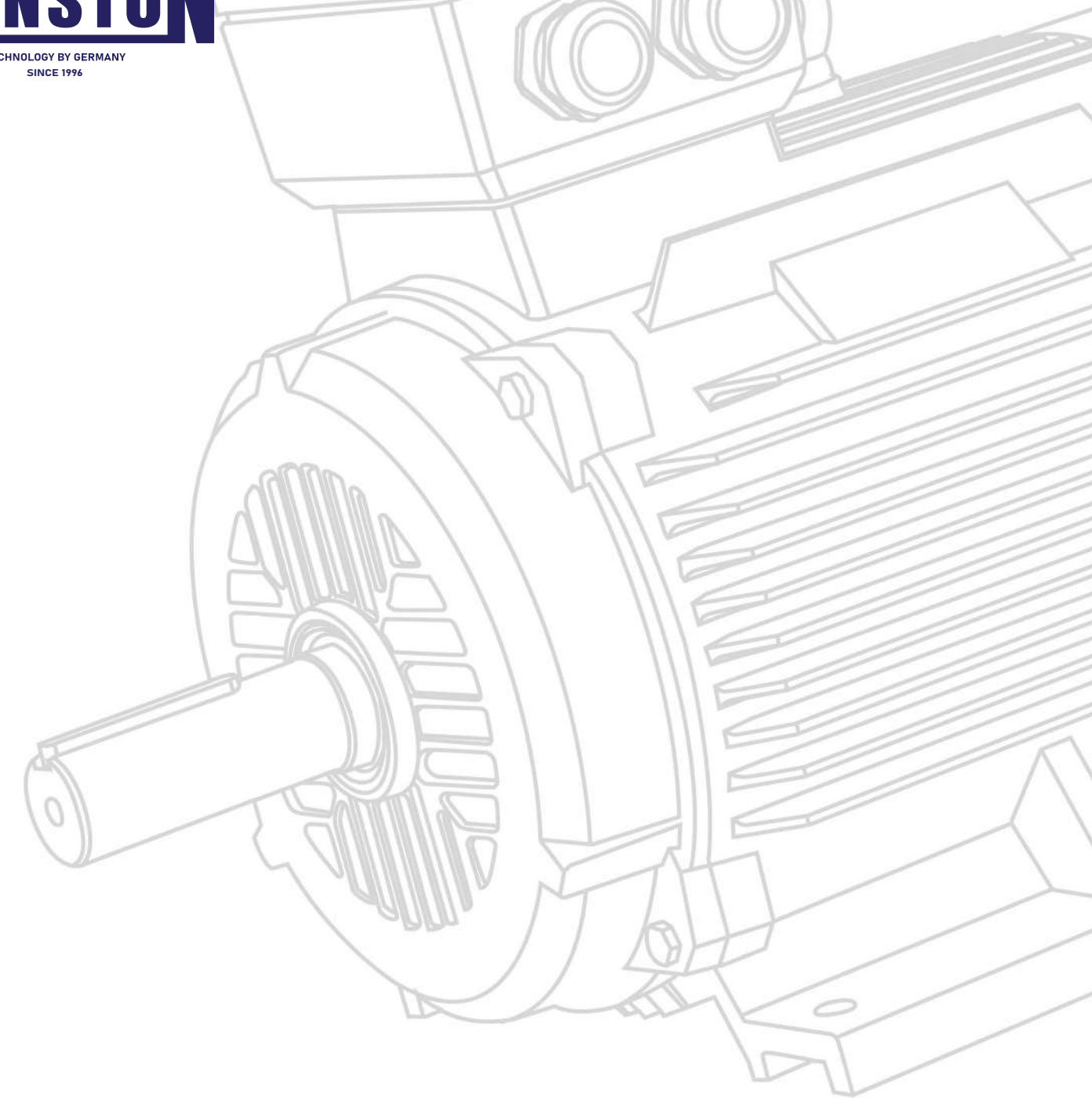




HIGH EFFICIENCY ASYNCHRONOUS MOTOR
WINSTON
TECHNOLOGY BY GERMANY
SINCE 1996



HIGH EFFICIENCY ASYNCHRONOUS MOTOR
WINSTON
TECHNOLOGY BY GERMANY
SINCE 1996

WINSTON MOTOR



WORKSHOP

生产车间



WINSTON CERTIFICATION

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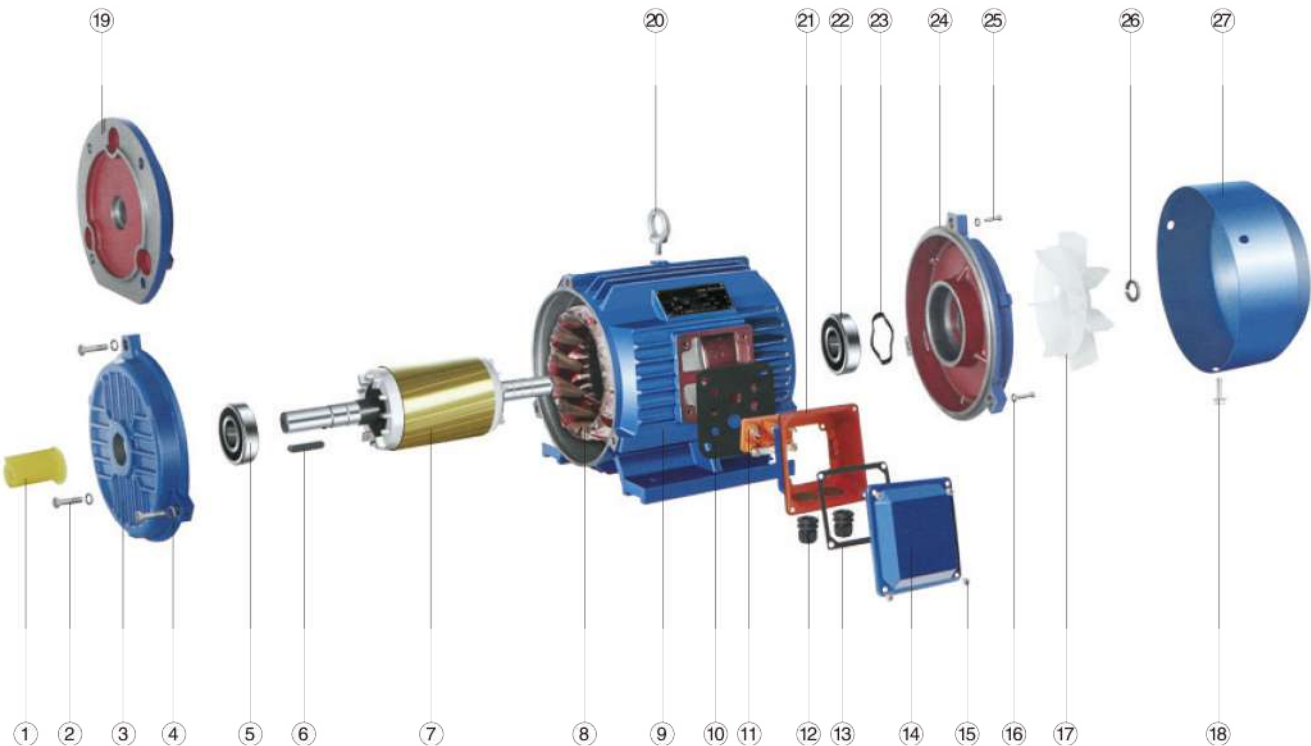
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YE1 系列三相异步电机
YE1 SERIES THREE-PHASE ASYNCHRONOUS MOTOR



产品概述

YE1 系列三相异步电机由全国统一设计，产品达到 90 年代国际先进水平，它全面符合 GB/T25290-2010 和 IEC34-1 标准的有关规定，是 Y 系列电机的更新换代产品，具有结构新颖、造型美观、低振动、低噪音等特点。

PRODUCT OVERVIEW

Adopting the national uniform design, YE1 series three-phase asynchronous motor, are conformity with ICE34-1 and GB/T25290-2010 standards, also up to the international advanced level 90's as substitute of Y series induction motors, It possesses sophisticated features such as new structure, good appearance, slight vibration, low noise etc.

使用条件

环境温度：-15℃ ≤ 0 ≤ 40℃
海拔：不超过 1000m
额定电压：380V，可选 220-760V 之间任何电压值
额定频率：50Hz、60Hz
防护等级：IP55
绝缘等级：F 级、H 级
冷却方式：ICO141
工作方式：S1
连接方式：3kw 及以下 Y 接法、4kw 及以上为 △ 接法

OPERATING CONDITIONS

Ambient temperature：-15℃ ≤ 0 ≤ 40℃
Altitude：not exceeding 1000m
Rated voltage：380V or any voltage between 220-760V
Rated frequency：50Hz、60Hz
Protection class：IP55
Insulation class：F、H
Cooling method：ICO141
Duty：S1(continuous)
Connection：Star-connection for up to 3kw, delta-connection for 4kw and above.

型号 Model	功率Output		电流 Current(A)	满载时Full load			75%负载时75%load		50%负载时50%load		堵转转矩 额定转矩 Tstart/Tn	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tmax/Tn
	kw	HP		转速 Speed(r/min)	效率 Eff(%)	功率因数 Power factor	效率 Eff(%)	功率因数 Power factor	效率 Eff(%)	功率因数 Power factor			
同步转速3000转/分（2极）380V 50Hz Synchronous Speed 3000r/min(2 poles)													
YE1-80M1-2	0.75	1	1.81	2830	75.0	0.84	73.8	0.79	72.0	0.68	2.2	6.5	2.3
YE1-80M2-2	1.1	1.5	2.52	2830	77.0	0.86	76.5	0.81	74.0	0.71	2.2	7.0	2.3
YE1-90S-2	1.5	2	3.44	2840	78.0	0.85	77.5	0.80	76.0	0.71	2.2	7.0	2.3
YE1-90L-2	2.2	3	4.83	2840	80.5	0.86	79.7	0.82	77.6	0.73	2.2	7.0	2.3
YE1-100L-2	3.0	4	6.39	2870	82.0	0.87	81.3	0.83	79.3	0.74	2.2	7.0	2.3
YE1-112M-2	4.0	5.5	8.17	2890	85.5	0.87	84.8	0.83	82.8	0.73	2.2	7.0	2.3
YE1-132S1-2	5.5	7.5	11.1	2900	85.5	0.88	84.9	0.86	83.0	0.79	2.0	7.0	2.3
YE1-132S2-2	7.5	10	15.0	2900	86.2	0.88	85.5	0.86	84.0	0.79	2.0	7.0	2.3
YE1-160M1-2	11	15	21.8	2930	87.2	0.88	86.5	0.86	85.0	0.79	2.0	7.0	2.3
YE1-160M2-2	15	20	29.4	2930	88.2	0.88	87.6	0.85	86.4	0.80	2.0	7.0	2.3
YE1-160L-2	18.5	25	35.5	2930	89.0	0.89	88.5	0.86	87.2	0.81	2.0	7.0	2.2
YE1-180M-2	22	30	42.2	2940	89.0	0.89	88.1	0.87	87.0	0.81	2.0	7.0	2.2
YE1-200L1-2	30	40	56.9	2950	90.0	0.89	88.7	0.86	87.2	0.79	2.0	7.0	2.2
YE1-200L2-2	37	50	69.8	2950	90.5	0.89	89.7	0.86	88.0	0.80	2.0	7.0	2.2
YE1-225M-2	45	60	83.9	2970	91.7	0.89	90.7	0.87	89.7	0.82	2.0	7.0	2.2
YE1-250M-2	55	75	103	2970	91.5	0.89	90.6	0.86	89.5	0.82	2.0	7.0	2.2
YE1-280S-2	75	100	139	2970	92.0	0.89	91.0	0.86	90.1	0.82	2.0	7.0	2.2
YE1-280M-2	90	125	166	2970	92.5	0.89	91.4	0.86	90.9	0.84	2.0	7.0	2.2
YE1-315S-2	110	150	203	2980	92.5	0.89	91.4	0.86	90.9	0.84	1.8	6.8	2.2
YE1-315M-2	132	180	242	2980	93.0	0.89	91.8	0.87	90.8	0.84	1.8	6.8	2.2
YE1-315L1-2	160	220	292	2980	93.5	0.89	91.9	0.87	91.0	0.84	1.8	6.8	2.2
YE1-315L2-2	200	270	365	2980	93.5	0.89	92.3	0.87	91.2	0.84	1.8	6.8	2.2
YE1-355M-2	250	340	444	2980	94.5	0.90	93.3	0.88	92.5	0.85	1.6	7.0	2.2
YE1-355L-2	315	430	556	2980	95.0	0.90	93.9	0.88	92.8	0.85	1.6	7.1	2.2
同步转速1500转/分（4极）380V 50Hz Synchronous Speed 1500r/min(4 poles)													
YE1-80M1-4	0.55	0.75	1.51	1390	73.0	0.76	71.5	0.66	70.0	0.52	2.4	6.0	2.3
YE1-80M2-4	0.75	1	2.01	1390	74.5	0.76	73.0	0.67	74.5	0.56	2.3	6.0	2.3
YE1-90S-4	1.1	1.5	2.75	1400	78.0	0.78	77.0	0.71	74.8	0.58	2.3	6.5	2.3
YE1-90L-4	1.5	2	3.65	1400	79.0	0.79	77.5	0.72	76.0	0.61	2.3	6.5	2.3
YE1-100L1-4	2.2	3	5.03	1430	81.0	0.82	80.3	0.74	78.2	0.61	2.3	7.0	2.3
YE1-100L2-4	3.0	4	6.82	1430	82.5	0.81	81.6	0.75	80.0	0.63	2.2	7.0	2.3
YE1-112M-4	4.0	5.5	8.77	1440	84.5	0.82	83.3	0.76	81.8	0.64	2.2	7.0	2.3
YE1-132S-4	5.5	7.5	11.6	1440	85.5	0.84	84.2	0.78	82.9	0.68	2.2	7.0	2.3
YE1-132M-4	7.5	10	15.4	1440	87.0	0.85	86.1	0.80	84.9	0.70	2.2	7.0	2.3
YE1-160M-4	11	15	22.6	1460	88.0	0.84	87.4	0.79	85.1	0.68	2.2	7.0	2.3
YE1-160L-4	15	20	30.3	1460	88.5	0.85	87.8	0.80	86.1	0.69	2.2	7.0	2.3
YE1-180M-4	18.5	25	35.9	1470	91.0	0.86	89.9	0.81	88.0	0.71	2.2	7.0	2.2
YE1-180L-4	22	30	42.5	1470	91.5	0.86	90.7	0.81	90.1	0.72	2.0	7.0	2.2
YE1-200L-4	30	40	56.8	1470	92.2	0.87	91.3	0.82	90.5	0.73	2.0	7.0	2.2
YE1-225S-4	37	50	70.4	1480	91.8	0.88	91.1	0.84	90.5	0.78	1.9	7.0	2.2
YE1-225M-4	45	60	84.2	1480	92.3	0.88	91.6	0.85	90.6	0.79	1.9	7.0	2.2
YE1-250M-4	55	75	103	1480	92.6	0.88	91.5	0.84	90.9	0.76	2.0	7.0	2.2
YE1-280S-4	75	100	140	1480	92.7	0.88	91.7	0.84	91.0	0.77	1.9	7.0	2.2
YE1-280M-4	90	125	164	1480	93.5	0.89	92.4	0.85	91.6	0.81	1.9	7.0	2.2
YE1-315S-4	110	150	201	1480	93.5	0.89	92.5	0.86	91.6	0.82	1.8	6.8	2.2
YE1-315M-4	132	180	240	1490	94.0	0.89	92.8	0.86	92.0	0.82	1.8	6.8	2.2
YE1-315L1-4	160	220	289	1490	94.5	0.89	93.2	0.86	92.9	0.82	1.8	6.8	2.2
YE1-315L2-4	200	270	361	1490	94.5	0.89	93.2	0.86	92.9	0.82	1.8	6.8	2.2
YE1-355M-4	250	340	459	1485	94.7	0.87	93.6	0.87	93.0	0.83	1.6	6.8	2.2
YE1-355L-4	315	430	576	1485	95.2	0.87	94.1	0.87	93.8	0.83	1.6	6.9	2.2
同步转速1000转/分（6极）380V 50Hz Synchronous Speed 1000r/min(6 poles)													
YE1-80M1-6	0.37	0.5	1.2	900	70.5	0.68	68	0.59	64.7	0.43	2.0	5.5	2.2
YE1-80M2-6	0.55	0.75	1.45	900	71.5	0.68	68	0.59	65.3	0.43	2.0	5.5	2.2
YE1-90S-6	0.75	1	2.25	910	72.5	0.70	70.5	0.61	66.9	0.47	2.0	5.5	2.2
YE1-90L-6	1.1	1.5	3.16	910	73.5	0.72	72.0	0.61	67.7	0.47	2.0	5.5	2.2
YE1-100L-6	1.5	2	3.97	940	77.5	0.74	76.3	0.66	73.5	0.53	2.0	6.0	2.2
YE1-112M-6	2.2	3	5.61	940	80.5	0.74	79.2	0.66	77.3	0.53	2.0	6.0	2.2
YE1-132S-6	3.0	4	7.23	960	83.0	0.76	82.0	0.69	79.2	0.57	2.0	6.5	2.2
YE1-132M1-6	4.0	5.5	9.40	960	84.0	0.77	83.1	0.70	79.9	0.58	2.0	6.5	2.2
YE1-132M2-6	5.5	7.5	12.6	960	85.3	0.78	84.4	0.72	82.1	0.61	2.0	6.5	2.2
YE1-160M-6	7.5	10	17.0	970	86.0	0.78	85.2	0.72	83.6	0.63	2.0	6.5	2.2
YE1-160L-6	11	15	24.6	970	87.0	0.78	86.6	0.72	85.4	0.62	2.0	6.5	2.2
YE1-180L-6	15	20	31.4	970	89.5	0.81	88.5	0.75	86.8	0.63	1.8	6.5	2.0
YE1-200L1-6	18.5	25	37.7	970	89.8	0.83	88.7	0.77	87.5	0.69	1.8	6.5	2.0
YE1-200L2-6	22	30	44.6	970	90.2	0.83	89.3	0.75	87.7	0.65	1.8	6.5	2.0
YE1-225M-6	30	40	59.5	980	90.2	0.85	89.6	0.80	88.6	0.71	1.7	6.5	2.0
YE1-250M-6	37	50	72	980	90.8	0.86	90.4	0.81	89.3	0.73	1.8	6.5	2.0
YE1-280S-6	45	60	85.4	980	92.0	0.87	91.2	0.82	89.7	0.75	1.8	6.5	2.0
YE1-280M-6	55	75	104	980	92.0	0.87	91.5	0.81	90.2	0.74	1.8	6.5	2.0
YE1-315S-6	75	100	141	990	92.8	0.87	92.3	0.82	90.8	0.74	1.6	6.5	2.0
YE1-315M-6	90	125	169	990	93.2	0.87	92.8	0.83	91.2	0.76	1.6	6.5	2.0
YE1-315L1-6	110	150	206	990	93.5	0.87	92.9	0.83	91.8	0.76	1.6	6.5	2.0
YE1-315L2-6	132	180	246	990	93.8	0.87	93.1	0.83	92.0	0.76	1.6	6.5	2.0
YE1-355M1-6	160	220	300	990	94.1	0.86	93.4	0.84	92.6	0.77	1.9	6.7	2.0
YE1-355M2-6	200	270	374	990	94.3	0.86	93.6	0.84	92.8	0.77	1.9	6.7	2.0
YE1-355L-6	250	340	465	990	94.7	0.86	94.0	0.84	93.0	0.77	1.9	6.7	2.0

型 号 Model	功率Output		电 流 Current(A)	满 载 时Full load			75%负 载 时75%load		50%负 载 时50%load		堵转转矩 额定转矩 Tstart/Tn	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tmax/Tn
	kw	HP		转 速 Speed(r/min)	效 率 Eff(%)	功 率 因 数 Power factor	效 率 Eff(%)	功 率 因 数 Power factor	效 率 Eff(%)	功 率 因 数 Power factor			
同步转速750转/分（8极）380V 50Hz Synchronous Speed 750r/min(8 poles)													
YE1-132S-8	2.2	3	5.85	710	80.5	0.71	79.7	0.62	77.8	0.49	2.0	5.5	2.0
YE1-132M-8	3.0	4	7.72	710	82.0	0.72	81.2	0.64	78.5	0.51	2.0	5.5	2.0
YE1-160M1-8	4.0	5.5	9.91	720	84.0	0.73	83.6	0.64	81.9	0.53	2.0	6.0	2.0
YE1-160M2-8	5.5	7.5	13.3	720	85.0	0.74	84.4	0.66	82.3	0.54	2.0	6.0	2.0
YE1-160L-8	7.5	10	17.7	720	86.0	0.75	85.1	0.68	83.2	0.57	2.0	5.5	2.0
YE1-180L-8	11	15	24.8	730	87.5	0.77	86.9	0.70	85.1	0.57	1.7	6.0	2.0
YE1-200L-8	15	20	34.1	730	88.0	0.76	87.3	0.71	86.4	0.61	1.8	6.0	2.0
YE1-225S-8	18.5	25	41.3	730	89.5	0.76	88.5	0.70	87.3	0.61	1.7	6.0	2.0
YE1-225M-8	22	30	47.6	730	90.0	0.78	88.8	0.71	87.7	0.62	1.8	6.0	2.0
YE1-250M-8	30	40	63.0	740	90.5	0.80	90.0	0.72	88.6	0.62	1.8	6.0	2.0
YE1-280S-8	37	50	78.2	740	91.0	0.79	90.2	0.72	89.0	0.62	1.8	6.0	2.0
YE1-280M-8	45	60	93.2	740	91.7	0.80	91.1	0.74	89.8	0.64	1.8	6.0	2.0
YE1-315S-8	55	75	114	740	92.0	0.80	91.5	0.74	90.1	0.64	1.6	6.5	2.0
YE1-315M-8	75	100	152	740	92.5	0.81	92.0	0.76	90.9	0.68	1.6	6.5	2.0
YE1-315L1-8	90	125	179	740	93.0	0.82	92.6	0.77	91.7	0.69	1.6	6.5	2.0
YE1-315L2-8	110	150	218	740	93.3	0.82	92.8	0.78	91.8	0.70	1.6	6.3	2.0
YE1-355M1-8	132	180	260	740	93.8	0.81	93.3	0.79	92.3	0.71	1.9	6.3	2.0
YE1-355M2-8	160	220	314	740	94.0	0.81	93.5	0.79	92.5	0.71	1.9	6.3	2.0
YE1-355L-8	200	270	392	740	94.3	0.81	93.8	0.79	92.8	0.71	1.9	6.3	2.0

YE2 系列三相异步电机

YE2 SERIES THREE-PHASE ASYNCHRONOUS MOTOR



产品概述

Y2/Y3 系列三相异步电机由全国统一设计，产品达到 90 年代国际先进水平，它全面符合 GB/T25290-2010 和 IEC34-1 标准的有关规定，是 Y 系列电机的更新换代产品，具有结构新颖、造型美观、低振动、低噪音等特点。

PRODUCT OVERVIEW

Adopting the national uniform design, Y2/Y3 series three-phase asynchronous motor, are conformity with ICE34-1 and GB/T25290-2010 standards, also up to the international advanced level 90's as substitute of Y series induction motors, It possesses sophisticated features such as new structure, good appearance, slight vibration, low noise etc.

使用条件

环境温度：-15℃ ≤ 0 ≤ 40℃
海拔：不超过 1000m
额定电压：380V，可选 220-760V 之间任何电压值
额定频率：50Hz、60Hz
防护等级：IP55
绝缘等级：F 级、H 级
冷却方式：ICO141
工作方式：S1
连接方式：3kw 及以下 Y 接法、4kw 及以上为 △接法

OPERATING CONDITIONS

Ambient temperature：-15℃ ≤ 0 ≤ 40℃
Altitude：not exceeding 1000m
Rated voltage：380V or any voltage between 220-760V
Rated frequency：50Hz、60Hz
Protection class：IP55
Insulation class：F、H
Cooling method：ICO141
Duty：S1(continuous)
Connection：Star-connection for up to 3kw,
delta-connection for 4kw and above.

技术参数 / TECHNICAL DATE

型 号 Type	额定功率 Output		满 载 时 Full Load				堵转电流 额定电流 Is/IN	堵转转矩 额定转矩 Ts/IN	最大转矩 额定转矩 Tmax/IN
	KW	HP	转 速 (r/min)	电 流 IN (A)	效 率 η (%)	功率因素 (cos Φ)			
同步转速 Synchronous Speed 3000 转 / 分 rpm									
YE2-63M1-2	0.18	0.25	2720	0.53	65	0.80	5.5	2.2	2.2
YE2-63M2-2	0.25	0.34	2720	0.69	68	0.81	5.5	2.2	2.2
YE2-71M1-2	0.37	0.5	2740	0.99	70	0.81	6.1	2.2	2.2
YE2-71M2-2	0.55	0.75	2740	1.4	73	0.82	6.1	2.2	2.3
YE2-80M1-2	0.75	1	2835	1.83	77.4	0.83	6.1	2.2	2.3
YE2-80M2-2	1.1	1.5	2835	2.58	79.6	0.84	7	2.2	2.3
YE2-90S-2	1.5	2	2845	3.43	81.3	0.84	7	2.2	2.3
YE2-90L-2	2.2	3	2845	4.85	83.2	0.85	7	2.2	2.3
YE2-100L-2	3	4	2875	6.31	84.6	0.87	7.5	2.2	2.3
YE2-112M-2	4	5.5	2895	8.1	85.8	0.88	7.5	2.2	2.3
YE2-132S1-2	5.5	7.5	2905	11	87	0.88	7.5	2.2	2.3
YE2-132S2-2	7.5	10	2905	14.9	88.1	0.88	7.5	2.2	2.3
YE2-160M1-2	11	15	2935	21.3	89.4	0.89	7.5	2.2	2.3
YE2-160M2-2	15	20	2935	28.8	90.3	0.89	7.5	2.2	2.3
YE2-160L-2	18.5	25	2935	34.7	90.9	0.90	7.5	2.2	2.3
YE2-180M-2	22	30	2945	41	91.3	0.90	7.5	2	2.3
YE2-200L1-2	30	40	2955	55.5	92	0.90	7.5	2	2.3
YE2-200L2-2	37	50	2955	67.9	92.5	0.90	7.5	2	2.3
YE2-225M-2	45	60	2975	82.3	92.9	0.90	7.5	2	2.3
YE2-250M-2	55	75	2975	101	93.2	0.90	7.5	2	2.3
YE2-280S-2	75	100	2975	134	93.8	0.90	7.5	2	2.3
YE2-280M-2	90	125	2975	160	94.1	0.91	7.5	2	2.3
YE2-315S-2	110	150	2980	195	94.3	0.91	7.1	1.8	2.2
YE2-315M-2	132	180	2980	233	94.6	0.91	7.1	1.8	2.2
YE2-315L1-2	160	200	2980	279	94.8	0.92	7.1	1.8	2.2
YE2-315L2-2	200	270	2980	348	95	0.92	7.1	1.8	2.2
YE2-355M-2	250	340	2980	433	95	0.92	7.1	1.6	2.2
YE2-355L-2	315	430	2980	544	95	0.92	7.1	1.6	2.2
YE2-400M1-2	355	475	2975	618	95.9	0.91	5.8	1.23	2.53
YE2-400M2-2	400	535	2982	689	96.0	0.92	5.74	1.31	2.43
YE2-400M3-2	450	600	2982	775	96.1	0.92	7.27	1.83	2.98
YE2-400L1-2	500	670	2982	853	96.3	0.92	6.14	1.2	2.9
YE2-400L2-2	560	750	2982	952	96.3	0.92	5.46	0.98	2.57



技术参数 / TECHNICAL DATE

型 号 Type	额定功率 Output		满 载 时 Full Load				堵转电流 额定电流 Ist/TN	堵转转矩 额定转矩 Tst/TN	最大转矩 额定转矩 Tmax/TN
	KW	HP	转 速 (r/min)	电 流 IN (A)	效 率 η (%)	功率因素 (cos Φ)			
同步转速 Synchronous Speed 1500 转 / 分 rpm									
YE2-63M1-4	0.12	0.17	1310	0.44	57	0.72	4.4	2.1	2.2
YE2-63M2-4	0.18	0.25	1310	0.62	60	0.73	4.4	2.1	2.2
YE2-71M1-4	0.25	0.34	1330	0.79	65	0.75	5.2	2.1	2.2
YE2-71M2-4	0.37	0.5	1330	1.12	67	0.74	5.2	2.1	2.2
YE2-80M1-4	0.55	0.75	1395	1.57	71	0.75	5.2	2.4	2.3
YE2-80M2-4	0.75	1	1395	2.03	79.6	0.76	6	2.3	2.3
YE2-90S-4	1.1	1.5	1405	2.89	81.4	0.77	6	2.3	2.3
YE2-90L-4	1.5	2	1405	3.7	82.8	0.79	6	2.3	2.3
YE2-100L1-4	2.2	3	1435	5.16	84.3	0.81	7	2.3	2.3
YE2-100L2-4	3	4	1435	6.78	85.5	0.82	7	2.3	2.3
YE2-112M-4	4	5.5	1445	8.8	86.6	0.82	7	2.3	2.3
YE2-132S-4	5.5	7.5	1445	11.7	87.7	0.83	7	2.3	2.3
YE2-132M-4	7.5	10	1445	15.6	88.7	0.84	7	2.3	2.3
YE2-160M-4	11	15	1460	22.3	89.8	0.84	7	2.2	2.3
YE2-160L-4	15	20	1460	30.1	90.6	0.85	7.5	2.2	2.3
YE2-180M-4	18.5	25	1470	36.5	91.2	0.86	7.5	2.2	2.3
YE2-180L-4	22	30	1470	43.2	91.6	0.86	7.5	2.2	2.3
YE2-200L-4	30	40	1470	57.6	92.3	0.86	7.2	2.2	2.3
YE2-225S-4	37	50	1485	69.9	92.7	0.87	7.2	2.2	2.3
YE2-225M-4	45	60	1485	84.7	93.1	0.87	7.2	2.2	2.3
YE2-250M-4	55	75	1485	103	93.5	0.87	7.2	2.2	2.3
YE2-280S-4	75	100	1485	140	94	0.87	7.2	2.2	2.3
YE2-280M-4	90	125	1490	167	94.2	0.87	7.2	2.2	2.3
YE2-315S-4	110	150	1490	201	94.5	0.88	6.9	2.1	2.2
YE2-315M-4	132	180	1490	240	94.7	0.88	6.9	2.1	2.2
YE2-315L1-4	160	200	1490	287	94.9	0.89	6.9	2.1	2.2
YE2-315L2-4	200	270	1490	359	95.1	0.89	6.9	2.1	2.2
YE2-355M-4	250	340	1485	443	95.1	0.90	6.9	2.1	2.2
YE2-355L-4	315	430	1485	556	95.1	0.90	6.9	2.1	2.2
YE2-400M1-4	355	475	1490	641	95.5	0.88	6.5	2.6	1.93
YE2-400M2-4	400	535	1490	723	95.5	0.88	6.5	2.75	1.8
YE2-400M3-4	450	600	1490	804	95.5	0.89	6.5	2.81	2.03
YE2-400L1-4	500	670	1490	893	95.6	0.89	6.61	2.52	1.83
YE2-400L2-4	560	750	1490	971	96.0	0.89	6.6	2.67	2.02



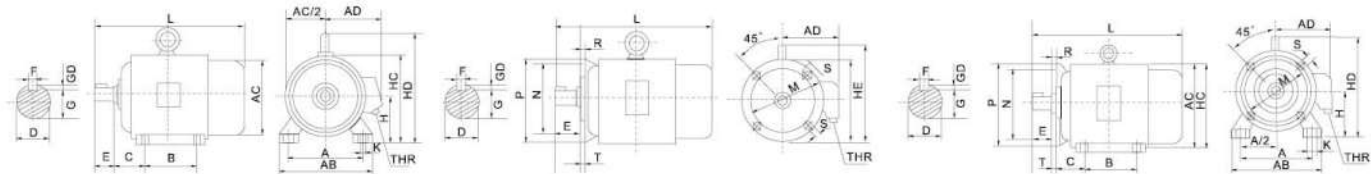
技术参数 / TECHNICAL DATE

型 号 Type	额定功率 Output		满 载 时 Full Load				堵转电流 额定电流 Ist/TN	堵转转矩 额定转矩 Tst/TN	最大转矩 额定转矩 Tmax/TN
	KW	HP	转 速 (r/min)	电 流 IN (A)	效 率 η (%)	功率因素 (cos Φ)			
同步转速 Synchronous Speed 960 转 / 分 rpm									
YE2-71M1-6	0.18	0.25	850	0.74	56	0.66	4	1.9	2
YE2-71M2-6	0.25	0.34	850	0.95	59	0.68	4	1.9	2
YE2-80M1-6	0.37	0.5	890	1.3	62	0.70	4.7	1.9	2
YE2-80M2-6	0.55	0.75	890	1.79	65	0.72	4.7	1.9	2.1
YE2-90S-6	0.75	1	915	2.29	75.9	0.72	5.5	2	2.1
YE2-90L-6	1.1	1.5	915	3.18	78.1	0.73	5.5	2	2.1
YE2-100L-6	1.5	2	945	3.94	79.8	0.75	5.5	2	2.1
YE2-112M-6	2.2	3	945	5.6	81.8	0.76	6.5	2	2.1
YE2-132S-6	3	4	965	7.4	83.3	0.76	6.5	2.1	2.1
YE2-132M1-6	4	5.5	965	9.8	84.6	0.76	6.5	2.1	2.1
YE2-132M2-6	5.5	7.5	965	12.9	86	0.77	6.5	2.1	2.1
YE2-160M-6	7.5	10	975	17	87.2	0.78	6.5	2	2.1
YE2-160L-6	11	15	975	24.2	88.7	0.81	7	2	2.1
YE2-180L-6	15	20	975	31.6	89.7	0.81	7	2	2.1
YE2-200L1-6	18.5	25	975	38.6	90.4	0.83	7	2.1	2.1
YE2-200L2-6	22	30	975	44.7	90.9	0.84	7	2.1	2.1
YE2-225M-6	30	40	980	59.3	91.7	0.86	7	2	2.1
YE2-250M-6	37	50	980	71	92.2	0.86	7	2.1	2.1
YE2-280S-6	45	60	980	86	92.7	0.86	7	2.1	2
YE2-280M-6	55	75	980	105	93.1	0.86	7	2.1	2
YE2-315S-6	75	100	980	141	93.7	0.86	7	2	2
YE2-315M-6	90	125	980	169	94	0.86	7	2	2
YE2-315L1-6	110	150	980	206	94.3	0.86	6.7	2	2
YE2-315L2-6	132	180	980	244	94.6	0.87	6.7	2	2
YE2-355M1-6	160	200	985	292	94.8	0.88	6.7	1.9	2
YE2-355M2-6	200	270	985	365	95	0.88	6.7	1.9	2
YE2-355L-6	250	340	985	455	95	0.88	6.7	1.9	2
YE2-400M1-6	280	380	990	510	95.8	0.87	5.9	2.3	1.8
YE2-400M2-6	315	430	990	574	95.8	0.87	5.9	2.3	1.8
YE2-400M3-6	355	475	990	638	95.8	0.87	5.9	2.3	1.8
YE2-400L1-6	400	535	990	719	96.0	0.88	6.3	2.3	1.8
YE2-400L2-6	450	600	990	796	96.5	0.89	6.3	2.3	1.8
同步转速 Synchronous Speed 750 转 / 分 rpm									
YE2-80M1-8	0.18	0.25	630	0.88	51	0.61	3.3	1.8	1.9
YE2-80M2-8	0.25	0.34	640	1.15	54	0.61	3.3	1.8	1.9
YE2-90S-8	0.37	0.5	660	1.49	62	0.61	4	1.8	1.9
YE2-90L-8	0.55	0.75	660	2.18	63	0.61	4	1.8	2
YE2-100L1-8	0.75	1	680	2.39	71	0.67	4	1.8	2
YE2-100L2-8	1.1	1.5	680	3.32	73	0.69	5	1.8	2
YE2-112M-8	1.5	2	690	4.5	75	0.69	5	1.8	2
YE2-132S-8	2.2	3	690	6	78	0.71	6	1.8	2
YE2-132M-8	3	4	710	7.9	79	0.73	6	1.8	2
YE2-160M1-8	4	5.5	710	10.3	81	0.73	6	1.9	2
YE2-160M2-8	5.5	7.5	720	13.6	83	0.74	6	2	2
YE2-160L-8	7.5	10	720	17.8	85.5	0.75	6	2	2
YE2-180L-8	11	15	730	25.1	87.5	0.76	6.6	2	2
YE2-200L-8	15	20	730	34.1	88	0.76	6.6	2	2
YE2-225S-8	18.5	25	730	40.6	90	0.76	6.6	1.9	2
YE2-225M-8	22	30	740	47.4	90.5	0.78	6.6	1.9	2
YE2-250M-8	30	40	740	64	91	0.79	6.6	1.9	2
YE2-280S-8	37	50	740	78	91.5	0.79	6.6	1.9	2
YE2-280M-8	45	60	740	94	92	0.79	6.6	1.9	2
YE2-315S-8	55	75	740	111	92.8	0.81	6.6	1.8	2
YE2-315M-8	75	100	740	151	93	0.81	6.6	1.8	2
YE2-315L1-8	90	125	740	178	93.8	0.82	6.6	1.8	2
YE2-315L2-8	110	150	740	217	94	0.82	7.2	1.8	2
YE2-355M1-8	132	180	740	261	93.7	0.82	7.2	1.8	2
YE2-355M2-8	160	200	740	315	94.2	0.82	7.2	1.8	2
YE2-355L-8	200	270	740	388	94.5	0.83	7.2	1.8	2
YE2-400M1-8	250	340	745	494	95.0	0.81	6.2	2.3	1.8
YE2-400M2-8	280	380	745	552	95.0	0.82	6.2	2.3	1.8
YE2-400L1-8	315	430	745	592	95.0	0.85	6.2	2.3	1.8
YE2-400L2-8	355	475	745	692	95.0	0.85	6.2	2.3	1.8
YE2-400L3-8	400	535	745	780	95.0	0.85	6.2	2.3	1.8

技术参数 / TECHNICAL DATE

型 号 Type	額定功率 Output		滿 載 時 Full Load				堵轉電流 額定電流 Ist/TN	堵轉转矩 額定转矩 Tst/TN	最大转矩 額定转矩 Tmax/TN
	KW	HP	轉 速 (r/min)	電 流 IN (A)	效 率 η (%)	功率因素 (cos Φ)			
同步轉速 Synchronous Speed 600 轉 / 分 rpm									
YE2-315S-10	45	60	590	100	91.5	0.75	6.2	1.5	2
YE2-315M-10	55	75	590	121	92	0.75	6.2	1.5	2
YE2-315L1-10	75	100	590	162	92.5	0.76	6.2	1.5	2
YE2-315L2-10	90	125	590	191	93	0.77	6.2	1.5	2
YE2-355M1-10	110	150	590	230	93.2	0.78	6	1.3	2
YE2-355M2-10	132	180	590	275	93.5	0.78	6	1.3	2
YE2-355L-10	160	200	590	334	93.5	0.78	6	1.3	2
YE2-400M1-10	200	270	595	404	95.0	0.80	6.2	2.6	1.8
YE2-400M2-10	250	340	595	495	95.0	0.81	6.2	2.6	1.8
YE2-400L1-10	280	380	595	554	95.0	0.82	6.2	2.6	1.8
YE2-400L2-10	315	430	595	630	95.0	0.82	6.2	2.6	1.8

安装尺寸 / OVERALL & INSTALLTION DIEMSIONS



机座号 Frame size	极数 Poles	安装尺寸 Mounting dimensions														外形尺寸 over all dimensions					
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
80	2,4,6	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	175	150	175	290
90S	2,4,6	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	315
90L	2,4,6	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	340
100L	2,4,6	160	140	70	28	60	8	24	100	12	215	180	250	0	15	4.0	205	215	180	245	380
112M	2,4,6	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4.0	245	240	190	265	400
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	275	210	315	475
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	275	210	315	515
160M	2,4,6,8	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5.0	325	325	255	385	600
160L	2,4,6,8	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5.0	325	325	255	385	645
180M	2,4,6,8	279	241	121	48	110	14	42.2	180	15	300	250	350	0	19	5.0	355	360	285	430	670
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5.0	355	360	285	430	710
200L	2,4,6,8	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5.0	395	400	310	475	775
225S	4,8	356	286	149	60	140	18	53	225	19	400	350	450	0	19	5.0	435	470	345	520	820
225M	2	356	311	149	55	110	16	49	225	19	400	350	450	0	19	5.0	435	470	345	520	815
	4,6,8	356	311	149	60	140	18	53	225	19	400	350	550	0	19	5.0	435	515	345	520	845
250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	19	5.0	490	470	385	575	930
	4,6,8	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5.0	490	515	385	575	930
280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	19	5.0	550	585	410	640	1000
	4,6,8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	19	5.0	550	585	410	640	1000
280M	2	457	419	190	65	140	18	58	280	24	500	450	550	0	19	5.0	550	585	410	640	1050
	4,6,8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	19	5.0	550	585	410	640	1050
315S	2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6.0	744	645	576	865	1240
	4,6,8,10	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6.0	744	645	576	865	1270
315M	2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6.0	744	645	576	865	1310
	4,6,8,10	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6.0	744	645	576	865	1340
315L	2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6.0	744	645	576	865	1310
	4,6,8,10	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6.0	744	645	576	865	1340
355M	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6.0	740	750	680	1035	1540
	4,6,8,10	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6.0	740	750	680	1035	1570
355L	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6.0	740	750	680	1035	1540
	4,6,8,10	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6.0	740	750	680	1035	1570

YE3 系列高效率三相异步电动机

YE3 SERIES HIGH EFFICIENCY THREE-PHASE ASYNCHRONOUS MOTOR



产品概述

YE3 系列高效率三相异步电动机依据 GB/T28575-2012 最新开发的全封闭自扇风冷式鼠笼型超高效三相异步电动机，该系列电动机的效率指标达到中国 GB18613-2020《中小型三相异步电动机能效限定值及能效等级》中的 3 级能效等级，符合 IEC60034-30 中的能效等级中的 IE3，和目前国际最先进的美国 NEMA 超高效电机处于一流水平。

相对 YE2 系列，YE3 系列高效电动机更加节能，低碳和环保。安装尺寸、功率等级和普通电机完全相同，符合国际电工委员会 IEC60072-1 标准，可直接替换从而达到节能、节电的目的，便于市场推广。中心高 H160 及以上电机可配装不停机注排油装置，并预留有安装热敏电阻和防潮加热带的空间，方便用户选用。

该系列电动机功率范围：0.75KW-315KW；机座中心高：H80-H355。

PRODUCT OVERVIEW

YE3 series high-efficiency three-phase asynchronous motors are based on the latest development of fully enclosed self-fan air-cooled squirrel-cage ultra-high-efficiency three-phase asynchronous motors based on GB/T28575-2012. The 3-level energy efficiency level in the "Energy Efficiency Limit Values and Energy Efficiency Levels of Asynchronous Motors" is in line with IE3 in the energy efficiency level in IEC60034-30, and it is in the first-class level with the most advanced American NEMA ultra-efficient motor.

Compared with YE2 series, YE3 series high efficiency motor is more energy saving, low carbon and environmental protection. The installation size, power level and ordinary motor are exactly the same, in line with the International Electrotechnical Commission IEC60072-1 standard, can be directly replaced to achieve the purpose of energy saving, power saving, easy to promote the market. The motor with center height H160 and above can be equipped with uninterrupted oil filling and discharging device, and the space for installing thermistor and moisture-proof heating belt is reserved, which is convenient for users to choose.

The power range of this series of motors: 0.75KW-315KW; the center height of the base: H80-H355.

使用条件 Operating Conditions

环境温度：-15℃≤ 0 ≤ 40℃

海拔：不超过 1000m

额定电压：380V

额定频率：50Hz

防护等级：IP55

绝缘等级：F 级

冷却方式：IC411

工作方式：S1

连接方式：3KW 及以下 Y 接法、4KW 及以上为 △接法

Ambient temperature: -15℃≤ 0 ≤ 40℃

Altitude: not exceeding 1000m

Rated voltage: 380V

Rated frequency: 50Hz

Protection class: IP55

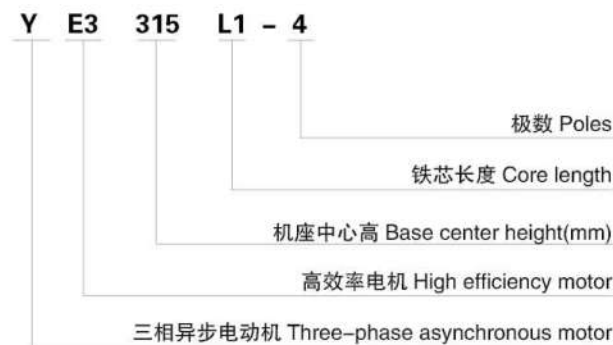
Insulation class: F

Cooling method: IC411

Duty: S1(continuous)

Connection: Star-connection for up to 3KW,
delta-connection for 4KW and above.

型号说明 Model specification





技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output		额定电流			额定 转速 Rated speed (r/min)	额定电流			额定 转速 Rated speed (r/min)	效率 EFF %	功率 因素 Power factor cos Φ	额定 转矩 Rated torque N.m	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	噪声 Noise level LW dB(A)
			Rated current IFL 380V A	Rated current IFL 400V A	Rated current IFL 420V A		Rated current IFL 440V A	Rated current IFL 460V A	Rated current IFL 480V A					Locked torque Rated torque TST/TFL	Locked current Rated torque IST/TFL	Max torque Rated torque TM/TFL	
YE3	(kW)	HP	380~420V/50Hz				440~480V/60Hz										
同步转速3000转/分（2极） 380V 50Hz Synchronous Speed 3000r/min(2 poles)																	
YE3-80M1-2	0.75	1.0	1.7	1.62	1.54	2870	1.47	1.40	1.35	3440	80.7	0.82	2.5	2.2	7.0	2.3	62
YE3-80M2-2	1.1	1.5	2.4	2.28	2.17	2875	2.07	1.98	1.90	3450	82.7	0.83	3.65	2.2	7.3	2.3	62
YE3-90S-2	1.5	2.0	3.2	3.04	2.90	2880	2.76	2.64	2.53	3455	84.2	0.84	4.97	2.2	7.6	2.3	67
YE3-90L-2	2.2	3.0	4.6	4.37	4.16	2880	3.97	3.80	3.64	3455	85.9	0.85	7.3	2.2	7.6	2.3	67
YE3-100L-2	3	4.0	6	5.70	5.43	2880	5.18	4.96	4.75	3455	87.1	0.87	9.95	2.2	7.8	2.3	74
YE3-112M-2	4	5.5	7.8	7.41	7.06	2915	6.74	6.44	6.18	3495	88.1	0.88	13.1	2.2	8.3	2.3	77
YE3-132S1-2	5.5	7.5	10.6	10.1	9.59	2935	9.15	8.76	8.39	3520	89.2	0.88	17.9	2.0	8.3	2.3	79
YE3-132S2-2	7.5	10	14.4	13.7	13.0	2930	12.4	11.9	11.4	3515	90.1	0.88	24.4	2.0	7.9	2.3	79
YE3-160M1-2	11	15	20.6	19.6	18.6	2950	17.8	17.0	16.3	3540	91.2	0.89	35.6	2.0	8.1	2.3	81
YE3-160M2-2	15	20	27.9	26.5	25.2	2945	24.1	23.1	22.1	3530	91.9	0.89	48.6	2.0	8.1	2.3	81
YE3-160L2-2	18.5	25	34.2	32.5	30.9	2945	29.5	28.3	27.1	3530	92.4	0.89	60	2.0	8.2	2.3	81
YE3-180M-2	22	30	40.5	38.5	36.6	2950	35.0	33.5	32.1	3540	92.7	0.89	71.2	2.0	8.2	2.3	83
YE3-200L1-2	30	40	54.9	52.2	49.7	2965	47.4	45.4	43.5	3555	93.3	0.89	96.6	2.0	7.6	2.3	84
YE3-200L2-2	37	50	67.4	64.0	61.0	2965	58.2	55.7	53.4	3555	93.7	0.89	119	2.0	7.6	2.3	84
YE3-225M-2	45	60	80.8	76.8	73.1	2965	69.8	66.8	64.0	3555	94.0	0.90	145	2.0	7.7	2.3	86
YE3-250M-2	55	75	98.5	93.6	89.1	2975	85.1	81.4	78.0	3570	94.3	0.90	177	2.0	7.1	2.3	89
YE3-280S-2	75	100	134	127.3	121.2	2975	115.7	110.7	106.1	3570	94.7	0.90	241	1.8	7.1	2.3	91
YE3-280M-2	90	120	160	152.0	144.8	2975	138.2	132.2	126.7	3570	95.0	0.90	289	1.8	7.1	2.3	91
YE3-315S-2	110	150	195	185.3	176.4	2985	168.4	161.1	154.4	3580	95.2	0.90	352	1.8	7.1	2.3	92
YE3-315M-2	132	180	234	222.3	211.7	2985	202.1	193.3	185.3	3580	95.4	0.90	422	1.8	7.1	2.3	92
YE3-315L1-2	160	220	279	265.1	252.4	2985	241.0	230.5	220.9	3580	95.6	0.91	512	1.8	7.2	2.3	92
YE3-315L2-2	200	270	349	331.6	315.8	2985	301.4	288.3	276.3	3580	95.8	0.91	640	1.8	7.2	2.2	92
YE3-355M-2	250	340	436	414.2	394.5	2985	376.6	360.2	345.2	3580	95.8	0.91	800	1.6	7.2	2.2	100
YE3-355L-2	315	430	549	521.6	496.7	2985	474.1	453.5	434.6	3580	95.8	0.91	1008	1.6	7.2	2.2	100



技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output		额定电流			额定 转速 Rated speed (r/min)	额定电流			额定 转速 Rated speed (r/min)	效率 EFF %	功率 因素 Power factor cos Φ	额定 转矩 Rated torque N.m	堵转转矩 额定转矩	堵转电流 额定电流	最大转矩 额定转矩	噪声 Noise level LW dB(A)
			Rated current IFL 380V A	Rated current IFL 400V A	Rated current IFL 420V A		Rated current IFL 440V A	Rated current IFL 460V A	Rated current IFL 480V A					Locked torque	Locked current	Max torque	
YE3	(kW)	HP	380~420V/50Hz				440~480V/60Hz										
同步转速1500转/分（4极）380V 50Hz Synchronous Speed 1500r/min(4 poles)																	
YE3-80M2-4	0.75	1.0	1.80	1.71	1.63	1430	1.55	1.49	1.43	1715	82.5	0.75	5.01	2.3	6.6	2.3	56
YE3-90S-4	1.1	1.5	2.60	2.47	2.35	1430	2.25	2.15	2.06	1715	84.1	0.76	7.35	2.3	6.8	2.3	59
YE3-90L-4	1.5	2.0	3.50	3.33	3.17	1430	3.02	2.89	2.77	1715	85.3	0.77	10	2.3	7.0	2.3	59
YE3-100L1-4	2.2	3.0	4.80	4.56	4.34	1440	4.15	3.97	3.80	1725	86.7	0.81	14.6	2.3	7.6	2.3	64
YE3-100L2-4	3	4.0	6.30	5.99	5.70	1455	5.44	5.20	4.99	1725	87.7	0.82	19.9	2.2	7.6	2.3	64
YE3-112M-4	4	5.5	8.40	7.98	7.60	1465	7.25	6.94	6.65	1745	88.6	0.82	26.3	2.0	7.8	2.3	65
YE3-132S-4	5.5	7.5	11.2	10.6	10.1	1465	9.67	9.25	8.87	1755	89.6	0.83	35.9	2.0	7.9	2.3	71
YE3-132M-4	7.5	10	15.0	14.3	13.6	1470	13.0	12.4	11.9	1755	90.4	0.84	48.9	2.0	7.5	2.3	71
YE3-160M-4	11	15	21.5	20.4	19.5	1470	18.6	17.8	17.0	1760	91.4	0.85	71.5	2.0	7.7	2.3	73
YE3-160L-4	15	20	28.8	27.4	26.1	1470	24.9	23.8	22.8	1760	92.1	0.86	97.4	2.0	7.8	2.3	73
YE3-180M-4	18.5	25	35.3	33.5	31.9	1470	30.5	29.2	28.0	1760	92.6	0.86	120	2.0	7.8	2.3	76
YE3-180L-4	22	30	41.8	39.7	37.8	1475	36.1	34.5	33.1	1760	93.0	0.86	143	2.0	7.8	2.3	76
YE3-200L-4	30	40	56.6	53.8	51.2	1480	48.9	46.8	44.8	1770	93.6	0.86	194	2.0	7.3	2.3	76
YE3-225S-4	37	50	69.6	66.1	63.0	1480	60.1	57.5	55.1	1775	93.9	0.86	239	2.0	7.4	2.3	78
YE3-225M-4	45	60	84.4	80.2	76.4	1485	72.9	69.7	66.8	1775	94.2	0.86	290	2.0	7.4	2.3	78
YE3-250M-4	55	75	103.0	97.9	93.2	1490	89.0	85.1	81.5	1780	94.6	0.86	354	2.0	7.4	2.3	79
YE3-280S-4	75	100	136.0	129.2	123.1	1490	117.5	112.4	107.7	1785	95.0	0.88	481	2.0	6.7	2.3	80
YE3-280M-4	90	120	163.0	154.9	147.5	1490	140.8	134.7	129.0	1785	95.2	0.88	577	2.0	6.9	2.3	80
YE3-315S-4	110	150	197.0	187.2	178.2	1490	170.1	162.7	156.0	1785	95.4	0.89	705	2.0	7.0	2.2	88
YE3-315M-4	132	180	236.0	224.2	213.5	1490	203.8	195.0	186.8	1785	95.6	0.89	846	2.0	7.0	2.2	88
YE3-315L1-4	160	220	285.0	270.8	257.9	1490	246.1	235.4	225.6	1785	95.8	0.89	1026	2.0	7.1	2.2	88
YE3-315L2-4	200	270	352.0	334.4	318.5	1490	304.0	290.8	278.7	1785	96.0	0.89	1282	2.0	7.1	2.2	88
YE3-355M-4	250	340	440.0	418.0	398.1	1495	380.0	363.5	348.3	1790	96.0	0.90	1597	2.0	7.1	2.2	95
YE3-355L-4	315	430	554.0	526.3	501.2	1495	478.5	457.7	438.6	1790	96.0	0.90	2012	2.0	7.1	2.2	95



技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output		额定电流			额定 转速 Rated speed (r/min)	额定电流			额定 转速 Rated speed (r/min)	效率 EFF %	功率 因素 Power factor cos Φ	额定 转矩 Rated torque N.m	堵转转矩 额定转矩 Locked torque	堵转电流 额定电流 Locked current	最大转矩 额定转矩 Max torque	噪声 Noise level LW dB(A)
			Rated current IFL 380V A	Rated current IFL 400V A	Rated current IFL 420V A		Rated current IFL 440V A	Rated current IFL 460V A	Rated current IFL 480V A					Rated torque TST/TFL	Rated torque IST/TFL	Rated torque TM/TFL	
YE3	(kW)	HP	380~420V/50Hz				440~480V/60Hz										
同步转速1000转/分（6极）380V 50Hz Synchronous Speed 1000r/min(6poles)																	
YE3-90S-6	0.75	1.0	2	1.90	1.81	945	1.73	1.65	1.58	1130	78.9	0.71	7.58	2.0	6.0	2.1	57
YE3-90L-6	1.1	1.5	2.8	2.66	2.53	950	2.42	2.31	2.22	1140	81.0	0.73	11.1	2.0	6.0	2.1	57
YE3-100L-6	1.5	2.0	3.8	3.61	3.44	950	3.28	3.14	3.01	1140	82.5	0.73	15.1	2.0	6.5	2.1	61
YE3-112M-6	2.2	3.0	5.4	5.13	4.89	965	4.66	4.46	4.28	1155	84.3	0.74	21.8	2.0	6.6	2.1	65
YE3-132S-6	3	4.0	7.2	6.84	6.51	975	6.22	5.95	5.70	1170	85.8	0.74	29.4	1.9	6.8	2.1	69
YE3-132M1-6	4	5.5	9.5	9.03	8.60	975	8.20	7.85	7.52	1170	86.8	0.74	39.2	1.9	6.8	2.1	69
YE3-132M2-6	5.5	7.5	12.7	12.1	11.5	975	11.0	10.5	10.1	1170	88.0	0.75	53.9	1.9	7.0	2.1	69
YE3-160M-6	7.5	10	16.2	15.4	14.7	980	14.0	13.4	12.8	1175	89.1	0.79	73.1	2.0	7.0	2.1	70
YE3-160L-6	11	15	23.1	22.0	20.9	980	20.0	19.1	18.3	1175	90.3	0.80	107	2.0	7.2	2.1	70
YE3-180L-6	15	20	30.9	29.4	28.0	980	26.7	25.5	24.5	1175	91.2	0.81	146	1.9	7.3	2.1	73
YE3-200L1-6	18.5	25	37.8	35.9	34.2	985	32.7	31.2	29.9	1180	91.7	0.81	197	1.9	7.3	2.1	73
YE3-200L2-6	22	30	44.8	42.6	40.5	985	38.7	37.0	35.5	1180	92.2	0.81	213	1.9	7.4	2.1	73
YE3-225M-6	30	40	59.1	56.2	53.5	985	51.0	48.8	46.8	1180	92.9	0.83	291	1.9	6.9	2.1	74
YE3-250M-6	37	50	71.7	68.1	64.9	985	61.9	59.2	56.8	1180	93.3	0.84	359	1.9	7.1	2.1	76
YE3-280S-6	45	60	85.8	81.5	77.6	990	74.1	70.9	67.9	1185	93.7	0.85	434	1.9	7.3	2.0	78
YE3-280M-6	55	75	103	97.9	93.2	990	89.0	85.1	81.5	1185	94.1	0.86	531	1.9	7.3	2.0	78
YE3-315S-6	75	100	143	135.9	129.4	990	123.5	118.1	113.2	1185	94.6	0.84	723	1.9	6.6	2.0	83
YE3-315M-6	90	120	170	161.5	153.8	990	146.8	140.4	134.6	1185	94.9	0.85	868	1.9	6.7	2.0	83
YE3-315L1-6	110	150	207	196.7	187.3	990	178.8	171.0	163.9	1185	95.1	0.85	1061	1.9	6.7	2.0	83
YE3-315L2-6	132	180	244	231.8	220.8	990	210.7	201.6	193.2	1185	95.4	0.86	1273	1.9	6.8	2.0	83
YE3-355M1-6	160	220	296	281.2	267.8	995	255.6	244.5	234.3	1190	95.6	0.86	1536	1.9	6.8	2.0	85
YE3-355M2-6	200	270	365	346.8	330.2	995	315.2	301.5	289.0	1190	95.8	0.87	1920	1.9	6.8	2.0	85
YE3-355L-6	250	340	456	433.2	412.6	995	393.8	376.7	361.0	1190	95.8	0.87	2390	1.9	6.8	2.0	85



技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output	额定 转速 Rated speed (r/min)	电流 In (A)	效率 EFF %	功率 因素 Power factor cos Φ	堵转转矩 额定转矩 Locked torque TST/TFL	堵转电流 额定电流 Locked current Rated current IST/TFL	最大转矩 额定转矩 Max torque Rated torque TM/TFL
YE3	(kW)		(A)					
同步转速750转/分（8极）380V 50Hz Synchronous Speed 750r/min(8poles)								
YE3-80M1-8	0.18	630	0.88	51	0.61	1.8	3.3	1.9
YE3-80M2-8	0.25	640	1.15	54	0.61	1.8	3.3	1.9
YE3-90S-8	0.37	660	1.49	62	0.61	1.8	4.0	1.9
YE3-90L-8	0.55	660	2.17	63	0.61	1.8	4.0	1.9
YE3-100L1-8	0.75	690	2.40	71	0.67	1.8	4.0	2.0
YE3-100L2-8	1.1	690	3.32	73	0.69	1.8	5.0	2.0
YE3-112M-8	1.5	700	4.40	75	0.69	1.8	5.0	2.0
YE3-132S-8	2.2	710	6.04	78	0.71	1.8	6.0	2.0
YE3-132M-8	3.0	710	7.90	79	0.73	1.8	6.0	2.0
YE3-160M1-8	4.0	720	10.3	81	0.73	1.9	6.0	2.0
YE3-160M2-8	5.5	720	13.6	83	0.74	2.0	6.0	2.0
YE3-160L-8	7.5	720	17.8	85.5	0.75	2.0	6.0	2.0
YE3-180L-8	11	730	25.1	87.5	0.76	2.0	6.6	2.0
YE3-200L-8	15	730	34.1	88	0.76	2.0	6.6	2.0
YE3-225S-8	18.5	730	41.1	90	0.76	1.9	6.6	2.0
YE3-225M-8	22	740	47.4	90.5	0.78	1.9	6.6	2.0
YE3-250M-8	30	740	63.4	91	0.79	1.9	6.6	2.0
YE3-280S-8	37	740	77.8	91.5	0.79	1.9	6.6	2.0
YE3-280M-8	45	740	94.1	92	0.79	1.9	6.6	2.0
YE3-315S-8	55	740	111	92.8	0.81	1.8	6.6	2.0
YE3-315M-8	75	740	151	93	0.81	1.8	6.6	2.0
YE3-315L1-8	90	740	178	93.8	0.82	1.8	6.6	2.0
YE3-315L2-8	110	740	217	94	0.82	1.8	6.6	2.0
YE3-355M1-8	132	740	261	94.2	0.82	1.8	6.4	2.0
YE3-355M2-8	160	740	315	94.2	0.82	1.8	6.4	2.0
YE3-355L-8	200	740	387	94.5	0.83	1.8	6.4	2.0
同步转速 600 转 / 分（10）380V 50Hz Synchronous Speed 600r/min(10poles)								
YE3-315S-10	45	590	99.6	91.5	0.75	1.5	6.2	2.0
YE3-315M-10	55	590	121	92	0.75	1.5	6.2	2.0
YE3-315L1-10	75	590	162	92.5	0.76	1.5	6.2	2.0
YE3-315L2-10	90	590	191	93	0.77	1.5	6.2	2.0
YE3-355M1-10	110	590	230	93.2	0.78	1.3	6.0	2.0
YE3-355M2-10	132	590	275	93.5	0.78	1.3	6.0	2.0
YE3-355L-10	160	590	333	93.5	0.78	1.3	6.0	2.0

YE4 系列超高效率三相异步电动机

YE4 SERIES ULTRA HIGH EFFICIENCY THREE PHASE ASYNCHRONOUS MOTOR



产品概述

YE4 系列超高效率三相异步电动机是我公司自主开发的高效新型升级产品，效率符合 GB 18613-2020 中 2 级能效标准，并满足 IEC60034-30-1 IE4 效率指标。安装尺寸符合 IEC 标准和国家标准，客户可实现快速切换。YE4 系列电机具有外形美观、低损耗、低噪音、低振动、安全可靠、维护方便等特点。

产品主要配套风机、水泵、压缩机、工程机械等设备，广泛 应用于通风制冷、建筑楼宇、油气、石化、煤炭煤化、冶金、电力核电、船舶、工业自动化等领域。

PRODUCT OVERVIEW

YE4 series ultra-high efficiency three-phase asynchronous motor is a highly efficient new upgraded product independently developed by our company. Its efficiency meets the level 2 energy efficiency standard of GB 18613-2020 and IEC60034-30-1 IE4 efficiency index. The installation size conforms to IEC standard and national standard, customers can realize fast switching. YE4 series motor has the characteristics of beautiful appearance, low loss, low noise, low vibration, safe and reliable, easy maintenance, etc.

The products are mainly equipped with fans, water pumps, compressors, engineering machinery and other equipment, which are widely used in ventilation and refrigeration, building, oil and gas, petrochemical, coal gasification, metallurgy, electric power, nuclear power, shipbuilding, industrial automation and other fields.

使用条件 Operating Conditions

环境温度：-15℃ ≤ 0 ≤ 40℃

海拔：不超过 1000m

※ 对于现场运行条件偏差的修正，按 GB/T 755-2008 的规定

湿度：月平均最高相对湿度不超过 90%

※ 电机可根据用户使用环境的要求进行定制

Ambient temperature: - 15 °C ≤ 0 ≤ 40 °C

Altitude: no more than 1000M

※ for the correction of deviation of on-site operating conditions,

it shall be in accordance with the provisions of GB / T 755-2008

Humidity: the monthly average maximum relative humidity shall not exceed 90%

※ the motor can be customized according to the requirements of the user's

use environment

型号说明 Model specification



技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output	转速 Speed	电压 Voltage	额定电流 IN	效率 EFF	功率因素 Power factor	额定转矩 Rated torque (Tn)	堵转转矩 Locked torque Rated torque TST/TFL	堵转电流 Locked current Rated torque IST/TFL	最大转矩 Max torque Rated torque TM/TFL	噪声 Noise level LW dB(A)
YE4	(kW)	(r/min)	(V)	(A)	(%)	(cos Φ)	N.m				
同步转速3000转/分（2极）380V 50Hz Synchronous Speed 3000r/min(2 poles)											
YE4-80M1-2	0.75	2875	380	1.62	83.5	0.83	2.5	2.2	8.5	2.3	62
YE4-80M2-2	1.1	2885	380	2.32	85.2	0.83	3.65	2.2	8.5	2.3	62
YE4-90S-2	1.5	2890	380	3.06	86.5	0.85	4.97	2.2	9.0	2.3	67
YE4-90L-2	2.2	2895	380	4.36	88.0	0.86	7.32	2.2	9.0	2.3	67
YE4-100L-2	3	2900	380	5.84	89.1	0.87	9.88	2.2	9.5	2.3	74
YE4-112M-2	4	2915	380	7.64	90.0	0.88	13.2	2.2	9.5	2.3	77
YE4-132S1-2	5.5	2925	380	10.3	90.9	0.88	18	2.0	9.5	2.3	79
YE4-132S2-2	7.5	2925	380	13.9	91.7	0.89	24.7	2.0	9.5	2.3	79
YE4-160M1-2	11	2940	380	20.2	92.6	0.89	35.7	2.0	9.5	2.3	81
YE4-160M2-2	15	2940	380	27.4	93.3	0.89	48.9	2.0	9.5	2.3	81
YE4-160L-2	18.5	2940	380	33.6	93.7	0.89	60.3	2.0	9.5	2.3	81
YE4-180M-2	22	2945	380	39.8	94.0	0.89	71.3	2.0	9.5	2.3	83
YE4-200L1-2	30	2970	380	54.2	94.5	0.89	96.5	2.0	9.0	2.3	84
YE4-200L2-2	37	2970	380	66.6	94.8	0.89	119	2.0	9.0	2.3	84
YE4-225M-2	45	2970	380	80.8	95.0	0.89	145	2.0	9.0	2.3	86
YE4-250M-2	55	2970	380	98.5	95.3	0.89	177	2.0	9.0	2.3	89
YE4-280S-2	75	2980	380	134	95.6	0.89	241	1.8	8.5	2.3	91
YE4-280M-2	90	2980	380	160	95.8	0.89	289	1.8	8.5	2.3	91
YE4-315S-2	110	2985	380	196	96.0	0.89	353	1.8	8.5	2.3	92
YE4-315M-2	132	2985	380	235	96.2	0.89	423	1.8	8.5	2.3	92
YE4-315L1-2	160	2985	380	284	96.3	0.89	513	1.8	8.5	2.2	92
YE4-315L2-2	185	2985	380	328	96.5	0.89	593	1.8	8.5	2.2	92
YE4-315L3-2	200	2985	380	355	96.5	0.89	641	1.8	8.5	2.2	92
YE4-355M1-2	220	2990	380	381	96.5	0.91	705	1.6	8.5	2.2	100
YE4-355M2-2	250	2990	380	433	96.5	0.91	801	1.6	8.5	2.2	100
YE4-355L1-2	280	2990	380	484	96.5	0.91	897	1.6	8.5	2.2	100
YE4-355L2-2	315	2990	380	545	96.5	0.91	1009	1.6	8.5	2.2	100
YE4-3551-2	355	2990	380	613	96.5	0.91	1138	0.9	8.6	1.8	104
YE4-3552-2	375	2990	380	655	96.5	0.90	1202	0.9	8.6	1.8	104

技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output	转速 Speed	电压 Voltage	额定电流 IN	效率 EFF	功率因素 Power factor	额定转矩 Rated torque (Tn)	堵转转矩 额定转矩 Locked torque Rated torque TST/TFL	堵转电流 额定电流 Locked current Rated torque IST/TFL	最大转矩 额定转矩 Max torque Rated torque TM/TFL	噪声 Noise level LW dB(A)
YE4	(kW)	(r/min)	(V)	(A)	(%)	(cos Φ)	N.m				
同步转速1500转/分（4极）380V 50Hz Synchronous Speed 1500r/min(4 poles)											
YE4-80M1-4	0.55	1425	380	1.35	83.9	0.74	3.69	2.4	9.8	2.2	56
YE4-80M2-4	0.75	1425	380	1.80	85.7	0.74	5.03	2.3	8.5	2.3	56
YE4-90S-4	1.1	1430	380	2.55	87.5	0.75	7.35	2.3	8.5	2.3	59
YE4-90L-4	1.5	1430	380	3.31	88.2	0.78	10.1	2.3	9.0	2.3	59
YE4-100L1-4	2.2	1435	380	4.71	89.5	0.79	14.5	2.3	9.0	2.3	64
YE4-100L2-4	3	1440	380	6.31	90.4	0.80	20.2	2.3	9.5	2.3	64
YE4-112M-4	4	1450	380	8.35	91.1	0.80	26.3	2.2	9.5	2.3	65
YE4-132S-4	5.5	1460	380	11.3	91.9	0.80	36.0	2.0	9.5	2.3	71
YE4-132M-4	7.5	1460	380	15.2	92.6	0.81	49.6	2.0	9.5	2.3	71
YE4-160M-4	11	1470	380	21.5	93.3	0.83	71.5	2.2	9.5	2.3	73
YE4-160L-4	15	1470	380	28.8	93.9	0.84	97.4	2.2	9.5	2.3	73
YE4-180M-4	18.5	1475	380	35.1	94.2	0.85	120	2.0	9.5	2.3	76
YE4-180L-4	22	1475	380	41.5	94.5	0.85	142	2.0	9.5	2.3	76
YE4-200L-4	30	1475	380	56.4	94.9	0.85	194	2.0	9.0	2.3	76
YE4-225S-4	37	1480	380	69.4	95.2	0.85	239	2.0	9.0	2.3	78
YE4-225M-4	45	1480	380	84.1	95.4	0.85	290	2.0	9.0	2.3	78
YE4-250M-4	55	1480	380	101	95.7	0.86	355	2.0	9.0	2.3	79
YE4-280S-4	75	1485	380	136	96.0	0.87	484	2.0	8.5	2.3	80
YE4-280M-4	90	1485	380	162	96.1	0.88	579	2.0	8.5	2.3	80
YE4-315S-4	110	1490	380	195	96.3	0.89	707	2.0	8.5	2.2	88
YE4-315M-4	132	1490	380	234	96.4	0.89	849	2.0	8.5	2.2	88
YE4-315L1-4	160	1490	380	280	96.6	0.90	1029	2.0	8.5	2.2	88
YE4-315L2-4	185	1490	380	323	96.7	0.90	1190	2.0	8.5	2.2	88
YE4-315L3-4	200	1490	380	349	96.7	0.90	1286	2.0	8.5	2.2	88
YE4-355M1-4	220	1495	380	384	96.7	0.90	1412	2.0	8.5	2.2	95
YE4-355M2-4	250	1495	380	436	96.7	0.90	1597	2.0	8.5	2.2	95
YE4-355L1-4	280	1495	380	488	96.7	0.90	1797	2.0	8.5	2.2	95
YE4-355L2-4	315	1495	380	549	96.7	0.90	2022	2.0	8.5	2.2	95
YE4-3551-4	355	1495	380	619	96.7	0.90	2275	1.7	8.5	2.2	102
YE4-3552-4	375	1495	380	669	96.7	0.88	2395	1.7	8.5	2.2	102

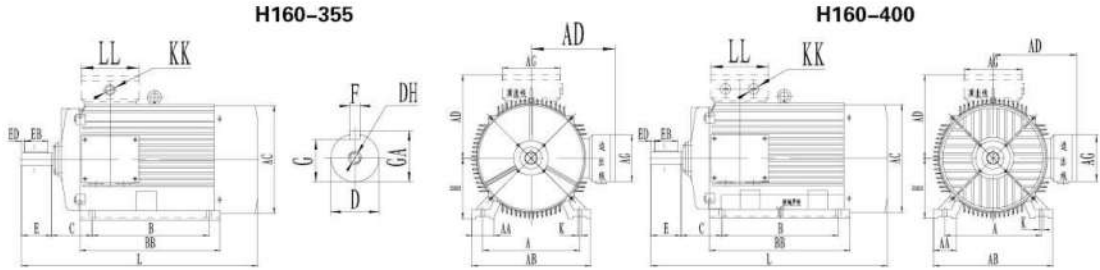
技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output	转速 Speed	电压 Voltage	额定电流 IN	效率 EFF(%)	功率因素 Power factor(cos Φ)	额定转矩 Rated torque (Tn)	堵转转矩 额定转矩 Locked torque Rated torque TST/TFL	堵转电流 额定电流 Locked current Rated torque IST/TFL	最大转矩 额定转矩 Max torque Rated torque TM/TFL	噪声 Noise level LW dB(A)
YE4	(kW)	(r/min)	(V)	(A)	(%)	(cos Φ)	N.m				
同步转速1000转/分（6极）380V 50Hz Synchronous Speed 1000r/min(6poles)											
YE4-80M1-6	0.37	930	380	1.06	78.0	0.68	3.82	2.0	9.7	2.1	54
YE4-80M2-6	0.55	930	380	1.48	80.9	0.70	5.68	2.0	9.0	2.1	54
YE4-90S-6	0.75	940	380	2.03	82.7	0.70	7.62	2.0	7.5	2.1	57
YE4-90L-6	1.1	945	380	2.84	84.5	0.70	11.1	2.0	7.5	2.1	57
YE4-100L-6	1.5	950	380	3.72	85.9	0.71	14.9	2.0	7.5	2.1	61
YE4-112M-6	2.2	950	380	5.40	87.4	0.71	22.1	2.0	7.5	2.1	65
YE4-132S-6	3	960	380	7.24	88.6	0.71	29.8	2.0	7.5	2.1	69
YE4-132M1-6	4	960	380	9.41	89.5	0.72	39.8	2.0	8.0	2.1	69
YE4-132M2-6	5.5	965	380	13.0	90.5	0.72	54.4	2.0	8.0	2.1	69
YE4-160M-6	7.5	970	380	16.6	91.3	0.76	73.8	2.0	8.0	2.1	73
YE4-160L-6	11	970	380	23.7	92.3	0.77	108	2.0	8.5	2.1	73
YE4-180L-6	15	975	380	30.8	92.9	0.80	147	2.0	8.5	2.1	73
YE4-200L1-6	18.5	980	380	37.7	93.4	0.80	180	2.0	8.5	2.1	73
YE4-200L2-6	22	980	380	43.9	93.7	0.81	214	2.0	8.5	2.1	73
YE4-225M-6	30	980	380	58.9	94.2	0.82	292	2.0	8.3	2.1	74
YE4-250M-6	37	985	380	71.6	94.5	0.83	361	2.0	8.3	2.1	76
YE4-280S-6	45	985	380	86.8	94.8	0.83	439	2.0	8.5	2.0	78
YE4-280M-6	55	985	380	104	95.1	0.84	536	2.0	8.5	2.0	78
YE4-315S-6	75	990	380	142	95.4	0.84	727	1.6	8.0	2.0	83
YE4-315M-6	90	990	380	169	95.6	0.85	873	1.6	8.0	2.0	83
YE4-315L1-6	110	990	380	206	95.8	0.85	1066	1.6	8.0	2.0	83
YE4-315L2-6	132	990	380	244	96.0	0.86	1280	1.6	8.0	2.0	83
YE4-355M1-6	160	995	380	295	96.2	0.86	1551	1.6	8.0	2.0	85
YE4-355M2-6	185	995	380	340	96.3	0.86	1793	1.6	8.0	2.0	85
YE4-355M3-6	200	995	380	368	96.3	0.86	1939	1.6	8.0	2.0	85
YE4-355L1-6	220	995	380	400	96.5	0.87	2112	1.6	8.0	2.0	85
YE4-355L2-6	250	995	380	460	96.5	0.86	2424	1.6	8.0	2.0	85
YE4-3551-6	280	995	380	540	96.5	0.82	2687	1.6	8.0	2.0	91
YE4-3552-6	315	995	380	607	96.6	0.82	3054	1.6	7.9	1.8	91

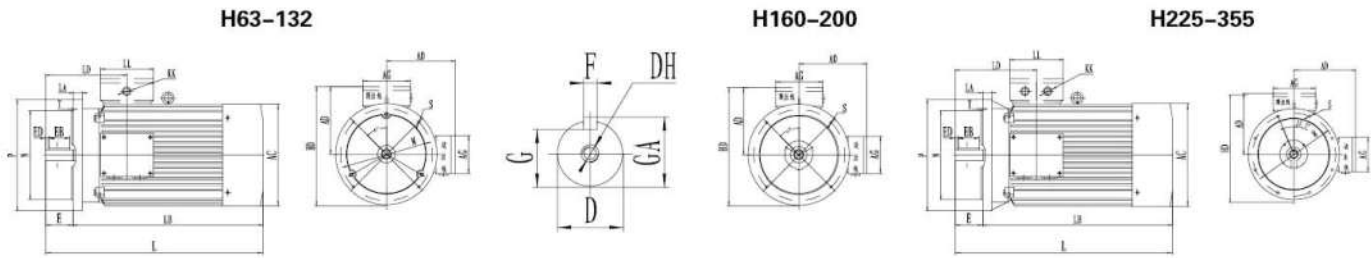
技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output	转速 Speed	电压 Voltage	额定电流 IN	效率 EFF(%)	功率因素 Power factor(cosΦ)	额定转矩 Rated torque (Tn)	堵转转矩 Locked torque Rated torque TST/TFL	堵转电流 Locked current Rated torque IST/TFL	最大转矩 Max torque Rated torque TM/TFL	噪声 Noise level LW dB(A)
YE4	(kW)	(r/min)	(V)	(A)	(%)	(cosΦ)	N.m				
同步转速750转/分 (8极) 380V 50Hz Synchronous Speed 750r/min(8poles)											
YE4-80M1-8	0.18	695	380	0.67	67.2	0.61	2.47	2.0	7.5	1.9	52
YE4-80M2-8	0.25	695	380	0.88	70.8	0.61	3.43	2.0	7.9	1.9	52
YE4-90S-8	0.37	700	380	1.24	74.3	0.61	5.05	2.0	8.3	1.9	56
YE4-90L-8	0.55	700	380	1.78	77.0	0.61	7.50	2.0	7.4	2.0	56
YE4-100L1-8	0.75	710	380	2.20	78.4	0.66	10.1	2.0	7.0	2.0	59
YE4-100L2-8	1.1	710	380	3.09	80.8	0.67	14.8	2.0	7.0	2.0	59
YE4-112M-8	1.5	710	380	4.00	82.6	0.69	20.2	2.0	7.0	2.0	61
YE4-132S-8	2.2	720	380	5.65	84.5	0.70	29.2	1.8	7.5	2.0	64
YE4-132M-8	3	720	380	7.58	85.9	0.70	43.3	1.8	7.8	2.0	64
YE4-160M1-8	4	730	380	9.83	87.1	0.71	52.3	1.8	7.9	2.0	68
YE4-160M2-8	5.5	730	380	13.1	88.3	0.72	71.9	1.8	8.1	2.0	68
YE4-160L-8	7.5	730	380	17.2	89.3	0.74	98.1	1.8	7.8	2.0	68
YE4-180L-8	11	735	380	24.9	90.4	0.74	143	1.8	7.9	2.0	70
YE4-200L-8	15	735	380	33.3	91.2	0.75	195	1.8	8.0	2.0	73
YE4-225S-8	18.5	740	380	40.8	91.7	0.75	238	1.8	8.1	2.0	73
YE4-225M-8	22	740	380	47.8	92.1	0.76	284	1.8	8.3	2.0	73
YE4-250M-8	30	740	380	63.8	92.7	0.77	387	1.8	7.9	2.0	75
YE4-280S-8	37	740	380	77.4	93.1	0.78	477	1.8	7.9	2.0	76
YE4-280M-8	45	740	380	93.8	93.4	0.78	580	1.8	7.9	2.0	76
YE4-315S-8	55	745	380	112	93.7	0.80	705	1.6	8.2	2.0	82
YE4-315M-8	75	745	380	151	94.2	0.80	961	1.6	7.6	2.0	82
YE4-315L1-8	90	745	380	179	94.4	0.81	1154	1.6	7.7	2.0	82
YE4-315L2-8	110	745	380	218	94.7	0.81	1410	1.6	7.7	2.0	82
YE4-355M1-8	132	745	380	261	94.9	0.81	1692	1.6	7.7	2.0	90
YE4-355M2-8	160	745	380	312	95.1	0.82	2051	1.6	7.7	2.0	90
YE4-355L-8	200	745	380	388	95.4	0.82	2563	1.6	7.8	2.0	90

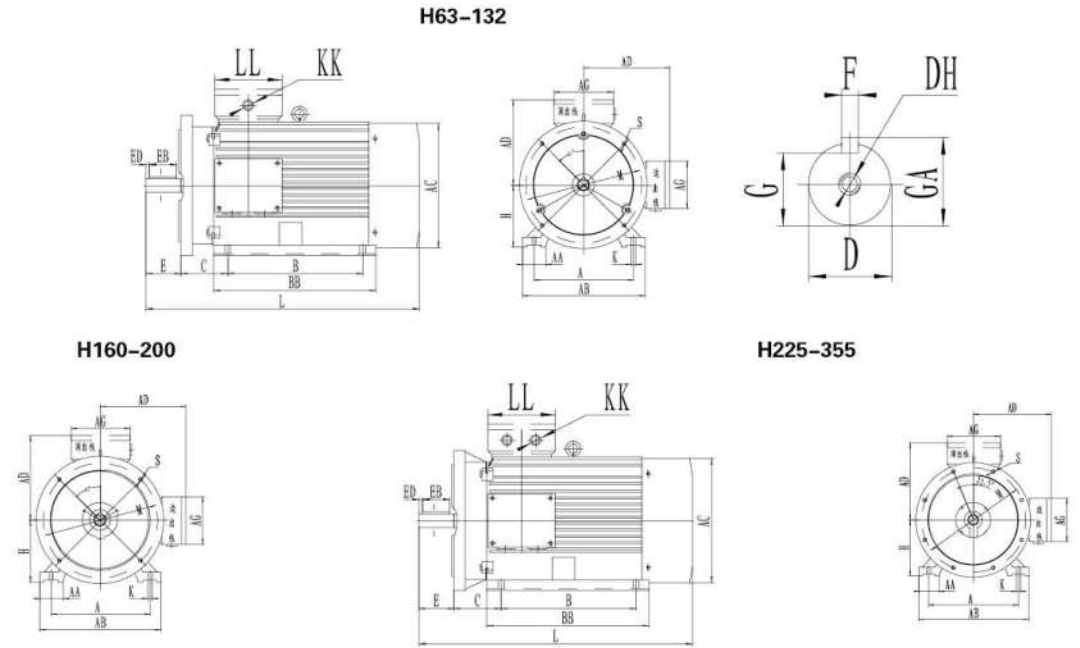
IM B3 H63-400



型号	级数	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LD	LL
63	2,4	100	30	130	115	120	92	80	115	40	11	M5X12	23	13	5	4	8.5	13	63	8	4-Φ7	1-M25X1.5	225	90	92
71	2,4,6	112	32	144	135	124	92	90	120	45	14	M5X12	30	20	5	5	11	16.5	71	71	4-Φ7	1-M25X1.5	250	102	92
80	2,4,6,8	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	5	6	15.5	21.5	80	10	4-Φ10	1-M25X1.5	304	119	102
90S	2,4,6,8	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4-Φ10	1-M25X1.5	336	143	102
90L	2,4,6,8	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-Φ10	1-M25X1.5	361	143	102
100L	2,4,6,8	160	40	200	205.4	166	102	140	213	63	28	M8X22	60	50	5	8	24	31	100	14	4-Φ12	1-M32X1.5	406	147	102
112M	2,4,6,8	190	50	240	219.4	182	118	140	225	70	28	M8X22	60	50	5	8	24	31	112	15	4-Φ12	2-M32X1.5	452	147	110
132S	2,4,6,8	216	55	262	258.4	203	118	140	200	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-Φ12	2-M32X1.5	470	172	110
132M	4,6,8	216	55	262	258.4	203	118	178	238	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-Φ12	M-M32X1.5	508	172	110
160M	2,4,6,8	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	10	12	37	45	160	20	4-Φ14.5	2-M40X1.5	608	256	152
160L	2,4,6,8	254	65	314	314	251	162	254	304	108	42	M16X36	110	90	10	12	37	45	160	20	4-Φ14.5	2-M40X1.5	652	256	152
180M	2,4,8	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Φ14.5	2-M40X1.5	688	271	152
180L	4,6,8	279	70	349	355	267	162	279	349	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Φ14.5	2-M40X1.5	726	271	152
200L	2,4,6,8	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	5	16	49	59	200	25	4-Φ16.5	2-M50X1.5	779	296	190
225S	4,8	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-Φ18.5	2-M50X1.5	824	329	190
225M	2	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	5	16	49	59	225	28	4-Φ18.5	2-M50X1.5	819	299	190
225M	4,6,8	356	75	431	446	322	210	311	393	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-Φ18.5	2-M50X1.5	849	329	190
250M	2	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	7.5	18	53	64	250	30	4-Φ24	2-M63X1.5	910	347	218
250M	4,6,8	406	80	484	485	358	248	349	445	168	65	M20X42	140	125	7.5	18	58	69	250	30	4-Φ24	2-M63X1.5	910	347	218
280S	2	457	85	542	547	387	248	368	485	190	75	M20X42	140	125	7.5	18	58	69	280	35	4-Φ24	2-M63X1.5	982	355.5	218
280S	4,6,8	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-Φ24	2-M63X1.5	982	355.5	218
280M	2	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-Φ24	2-M63X1.5	1033	355.5	218
280M	4,6,8	457	85	542	547	387	248	419	536	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-Φ24	2-M63X1.5	1033	355.5	218
315S	2	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.4	18	58	69	315	45	4-Φ28	2-M63X1.5	1194	397	280
315S	4,6,8,10	508	120	628	620	527	320	406	570	216	80	M20X42	170	160	5	22	71	85	315	45	4-Φ28	2-M63X1.5	1224	427	280
315M	2	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1304	397	280
315M	4,6,8,10	508	120	628	620	527	320	457	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-Φ28	2-M63X1.5	1334	427	280
315L	2	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1304	397	280
315L	4,6,8,10	508	120	628	620	527	320	508	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-Φ28	2-M63X1.5	1334	427	280
355M	2	610	116	726	698	642	380	560	750	254	75	M20X50	140	130	5	20	67.5	79.5	355	52	6-Φ28	2-M63X1.5	1486	414	330
355M	4,6,8,10	610	116	726	698	642	380	560	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-Φ28	2-M63X1.5	1516	444	330
355L	2	610	116	726	698	642	380	630	750	254	75	M20X50	140	130	5	20	67.5	79.5	355	52	6-Φ28	2-M63X1.5	1486	414	330
355L	4,6,8,10	610	116	726	398	642	380	630	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-Φ28	2-M63X1.5	1516	444	330
400M	2	686	120	806	860	680	485	630	1090	280	85	M24	170	160	5	22	76	90	400	52	6-Φ36	3-M63X1.5	1820	530	430
400M	4,6,8,10	686	120	806	860	680	485	630	1090	280	110	M24	210	200	5	28	100	116	400	52	6-Φ36	3-M63X1.5	1881	570	430
400L	2	686	120	806	860	680	485	710	1090	280	85	M24	170	160	5	22	76	90	400	52	6-Φ36	3-M63X1.5	1820	530	430
400L	4,6,8,10	686	120	806	860	680	485	710	1090	280	110	M24	210	200	5	28	100	116	400	52	6-Φ36	3-M63X1.5	1881	570	430



型号	级数	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	KK	L	LA	LB	LD	LL	M	N	P	S	T
63	2,4	120	120	92	11	M4X12	23	13	5	4	8.5	13	190	1-M25X1.5	225	11	202	90	92	115	95	140	10	3
71	2,4,6	136	124	92	14	M5X13	30	20	5	5	11	16.5	204	1-M25X1.5	250	11	220	102	92	130	110	160	10	3
80	2,4,6,8	167	154.5	102	19	M6X16	40	30	5	6	15.5	21.5	254.5	1-M25X1.5	304	12	264	112	102	165	130	200	12	3.5
90S	2,4,6,8	182.4	162	102	24	M8X19	50	40	5	8	20	27	262	1-M25X1.5	336	12	286	130	102	165	130	200	12	3.5
90L	2,4,6,8	182.4	162	102	24	M8X19	50	40	5	8	20	27	262	1-M25X1.5	361	12	311	130	102	165	130	200	12	3.5
100L	2,4,6,8	205.4	173.5	102	28	M8X22	60	50	5	8	24	31	298.5	1-M32X1.5	406	13	346	139	102	215	180	250	14.5	4
112M	2,4,6,8	219.4	190	118	28	M8X22	60	50	5	8	24	31	315	2-M32X1.5	452	14	392	147	110	215	180	250	14.5	4
132S	2,4,6,8	258.4	203	118	38	M12X28	80	65	7.5	10	33	41	353	2-M32X1.5	470	14	390	172	110	265	230	300	14.5	4
132M	4,6,8	258.4	203	118	38	M12X28	80	65	7.5	10	33	41	353	2-M32X1.5	508	14	428	172	110	265	230	300	14.5	4
160M	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	608	15	498	256	152	300	250	350	18.5	5
160L	2,4,6,8	314	251	162	42	M16X36	110	90	10	12	37	45	426	2-M40X1.5	652	15	524	256	152	300	250	350	18.5	5
180M	2,4,8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	444.5	2-M40X1.5	688	15	578	271	152	300	250	350	18.5	5
180L	4,6,8	355	267	162	48	M16X36	110	90	10	14	42.5	51.5	444.5	2-M40X1.5	726	15	616	271	152	300	250	350	18.5	5
200L	2,4,6,8	397	299	210	55	M20X42	110	100	5	16	49	59	499	2-M50X1.5	779	17	669	296	190	350	300	400	18.5	5
225S	4,8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	824	20	684	329	190	400	350	450	18.5	5
225M	2	446	322	210	55	M20X42	110	100	5	16	49	59	547	2-M50X1.5	819	20	709	299	190	400	350	450	18.5	5
225M	4,6,8	446	322	210	60	M20X42	140	125	7.5	18	53	64	547	2-M50X1.5	849	20	709	329	190	400	350	450	18.5	5
250M	2	485	358	248	60	M20X42	140	125	7.5	18	53	64	633	2-M63X1.5	910	22	770	347	218	500	450	550	18.5	5
250M	4,6,8	485	358	248	65	M20X42	140	125	7.5	18	58	69	633	2-M63X1.5	910	22	7700	347	218	500	450	550	18.5	5
280S	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2-M63X1.5	982	22	842	355.5	218	500	450	550	18.5	5
280S	4,6,8	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2-M63X1.5	982	22	842	355.5	218	500	450	550	18.5	5
280M	2	547	387	248	65	M20X42	140	125	7.5	18	58	69	662	2-M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
280M	4,6,8	547	387	248	75	M20X42	140	125	7.5	20	67.5	79.5	662	2-M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
315S	2	620	527	320	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1194	22	1054	397	280	600	550	660	24	6
315S	4,6,8,10	620	527	320	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1224	22	1054	427	280	600	550	660	24	6
315M	2	620	527	320	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315M	4,6,8,10	620	527	320	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
315L	2	620	527	320	65	M20X42	140	125	7.5	18	58	69	857	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315L	4,6,8,10	620	527	320	80	M20X42	170	160	5	22	71	85	857	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
355M	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355M	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6
355L	2	698	642	380	75	M20X50	140	130	5	20	67.5	79.5	1042	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355L	4,6,8,10	698	642	380	95	M24X50	170	160	5	25	86	100	1042	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6



型号	级数	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LA	LB	LD	LL	M	N	P	S	T
63	2,4	100	30	130	115	120	92	80	115	40	11	M4X12	23	13	5	4	8.5	13	63	8	4-φ7	1-M25X1.5	225	11	202	90	92	115	95	140	10	3
71	2,4,6	112	32	144	135	124	92	90	120	45	14	M5X13	30	20	5	5	11	16.5	71	8	4-φ7	1-M25X1.5	250	11	220	102	92	130	110	160	10	3
80	2,4,6,8	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	5	6	15.5	21.5	80	10	4-φ10	1-M25X1.5	304	12	264	112	102	165	130	200	12	3.5
90S	2,4,6,8	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4-φ10	1-M25X1.5	336	12	286	130	102	165	130	200	12	3.5
90L	2,4,6,8	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-φ10	1-M25X1.5	361	12	311	130	102	165	130	200	12	3.5
100L	2,4,6,8	160	40	200	205.4	166	102	140	213	63	28	M8X22	60	50	5	8	24	31	100	14	4-φ12	1-M32X1.5	406	13	346	139	102	215	180	250	14.5	4
112M	2,4,6,8	190	50	240	219.4	182	118	140	225	70	28	M8X22	60	50	5	8	24	31	112	15	4-φ12	2-M32X1.5	452	14	392	147	110	215	180	250	14.5	4
132S	2,4,6,8	216	55	262	258.4	203	118	140	200	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-φ12	2-M32X1.5	470	14	390	172	110	265	230	300	14.5	4
132M	4,6,8	216	55	262	258.4	203	118	178	238	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-φ12	2-M32X1.5	508	14	428	172	110	265	230	300	14.5	4
160M	2,4,6,8	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	10	12	37	45	160	20	4-φ14.5	2-M40X1.5	608	15	498	256	152	300	250	350	18.5	5
160L	2,4,6,8	254	65	314	314	251	162	254	304	108	42	M16X36	110	90	10	12	37	45	160	20	4-φ14.5	2-M40X1.5	652	15	542	256	152	300	250	350	18.5	5
180M	2,4,8	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-φ14.5	2-M40X1.5	688	15	578	271	152	300	250	350	18.5	5
180L	4,6,8	279	70	349	355	267	162	279	349	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-φ14.5	2-M40X1.5	726	15	616	271	152	300	250	350	18.5	5
200L	2,4,6,8	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	5	16	49	59	200	25	4-φ16.5	2-M50X1.5	779	17	669	296	190	350	300	400	18.5	5
225S	4,8	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-φ18.5	2-M50X1.5	824	20	684	329	190	400	350	450	18.5	5
225M	2	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	5	16	49	59	225	28	4-φ18.5	2-M50X1.5	819	20	709	299	190	400	350	450	18.5	5
225M	4,6,8	356	75	431	446	322	210	311	393	149	60	M20X42	140	125	7.5	18	53	64	225	28	4-φ18.5	2-M50X1.5	849	20	709	329	190	400	350	450	18.5	5
250M	2	406	80	484	485	358	248	349	445	168	65	M20X42	140	125	7.5	18	53	64	250	30	4-φ24	2-M63X1.5	910	22	770	347	218	500	450	550	18.5	5
250M	4,6,8	406	80	484	485	358	248	349	445	168	65	M20X42	140	125	7.5	18	58	69	250	30	4-φ24	2-M63X1.5	910	22	770	347	218	500	450	550	18.5	5
280S	2	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-φ24	2-M63X1.5	982	22	842	355.5	218	500	450	550	18.5	5
280S	4,6,8	457	85	542	547	387	248	368	485	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-φ24	2-M63X1.5	982	22	842	355.5	218	500	450	550	18.5	5
280M	2	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-φ24	2-M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
280M	4,6,8	457	85	542	547	387	248	419	536	190	75	M20X42	140	125	7.5	20	67.5	79.5	280	35	4-φ24	2-M63X1.5	1033	22	893	355.5	218	500	450	550	18.5	5
315S	2	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-φ28	2-M63X1.5	1194	22	1054	397	280	600	550	660	24	6
315S	4,6,8,10	508	120	628	620	527	320	406	570	216	80	M20X42	170	160	5	22	71	85	315	45	4-φ28	2-M63X1.5	1224	22	1054	427	280	600	550	660	24	6
315M	2	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-φ28	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315M	4,6,8,10	508	120	628	620	527	320	457	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-φ28	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
315L	2	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-φ28	2-M63X1.5	1304	22	1164	397	280	600	550	660	24	6
315L	4,6,8,10	508	120	628	620	527	320	508	680	216	80	M20X42	170	160	5	22	71	85	315	45	4-φ28	2-M63X1.5	1334	22	1164	427	280	600	550	660	24	6
355M	2	610	116	726	698	642	380	560	750	254	75	M20X50	140	130	5	20	67.5	79.5	355	52	6-φ28	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355M	4,6,8,10	610	116	726	698	642	380	560	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-φ28	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6
355L	2	610	116	726	698	642	380	630	750	254	75	M24X50	140	130	5	20	67.5	79.5	355	52	6-φ28	2-M63X1.5	1486	25	1346	414	330	740	680	800	24	6
355L	4,6,8,10	610	116	726	698	642	380	630	750	254	95	M24X50	170	160	5	25	86	100	355	52	6-φ28	2-M63X1.5	1516	25	1346	444	330	740	680	800	24	6

MS 系列铝壳高效三相异步电动机

MS SERIES ALUMINUM SHELL HIGH EFFICIENCY
THREE-PHASE ASYNCHRONOUS MOTOR



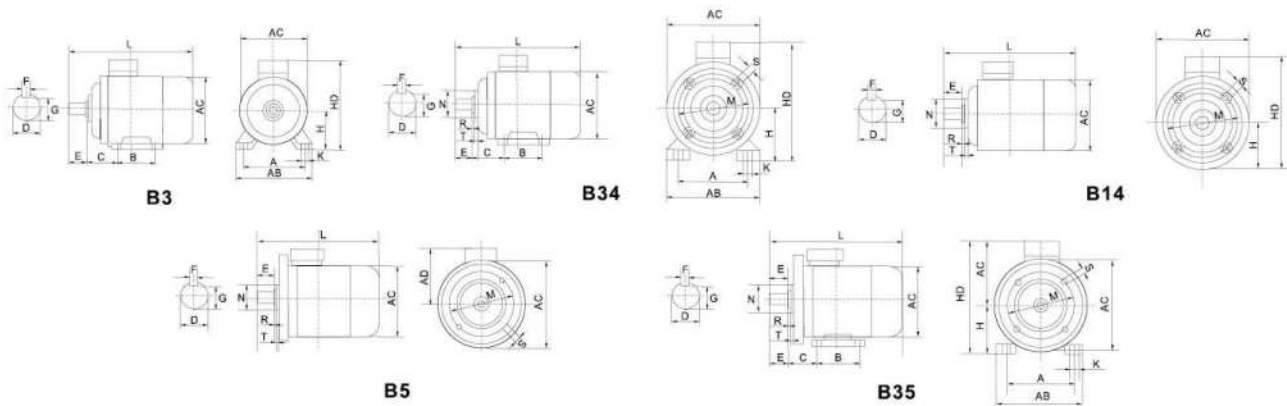
产品概述

MS 系列铝壳三相异步电动机符合国家电工协会 IEC 有关规定，选用优质原材料进行最新式整体设计，具有性能好、噪声低、振动小、运行安全可靠、外形美观、体积小、重量轻、结构简单、维修方便等优点。

PRODUCT OVERVIEW

MS series aluminum housing three-phase asynchronous motors, with latest design in entirety, are made of selected quality materials and conform to IEC standard. MS motor have good performance, safety and reliable operation, nice appearance, and can be maintained very conveniently, while with low noise, little vibration and at the same time light weight and simple construction. These motors can be used for general drive.

安装尺寸 Overall & installtion diemsions



Frame No.	Installation Size								Installation Size IMB14						Installation Size IMB5						Overall Dimension					
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	M	N	P	S	T	AB	AC	AD	HD	L		
56	90	71	36	9	20	3	7.2	56	6	65	50	80	M5	2	100	80	120	8.5	3	112	108	93	149	192		
63	100	80	40	11	23	4	8.5	63	7	75	60	90	M5	2.5	115	95	140	10	3	120	120	97	160	211		
71	112	90	45	14	30	5	11	71	7	85	70	105	M6	2.5	130	110	160	10	3.5	135	140	104	175	240		
80	125	100	50	19	40	6	15.5	80	10	100	80	120	M6	3	165	130	200	12	3.5	155	160	113	193	284		
90S	140	100	56	24	50	8	20	90	10	115	95	140	M8	3	165	130	200	12	3.5	175	175	123	213	316		
90L	140	125	56	24	50	8	20	90	10	115	95	140	M8	3	165	130	200	12	3.5	175	175	123	213	341		
100L	160	140	63	28	60	8	24	100	12	130	110	160	M8	3.5	215	180	250	15	4	200	195	157	257	377		
112M	190	140	70	28	60	8	24	112	12	130	110	160	M8	3.5	215	180	250	15	4	226	220	163	275	392		
132S	216	140	89	38	80	10	33	132	12	165	130	200	M10	3.5	265	230	300	15	4	265	265	183	315	463		
132M	216	178	89	38	80	10	33	132	12	165	130	200	M10	3.5	265	230	300	15	4	265	265	183	315	501		
160M	254	210	108	42	110	12	37	160	15	215	180	250	M12	4	300	250	350	19	5	310	320	223	383	606		
160L	254	254	108	42	110	12	37	160	15	215	180	250	M12	4	300	250	350	19	5	310	320	223	383	650		

技术参数 / TECHNICAL DATE

型号 Model	功率Output		满载时Full load				75%负载时75%load		50%负载时50%load		堵转转矩	堵转电流	最大转矩
	kW	HP	电流 Current (A)	转速 Speed (r/min)	效率 Eff (%)	功率因数 Power factor	效率 Eff (%)	功率因数 Power factor	效率 Eff (%)	功率因数 Power factor	额定转矩 Tstart/Tn	额定电流 Ist/In	额定转矩 Tmax/Tn
同步转速3000转/分 (2极) 380V 50Hz Synchronous Speed 3000r/min(2 poles)													
MS56M1-2	0.09	0.12	0.30	2700	58.0	0.78	56.2	0.77	54.0	0.74	2.3	6.0	2.4
MS56M2-2	0.12	0.18	0.38	2700	60.0	0.79	58.5	0.78	56.0	0.75	2.3	6.0	2.4
MS63M1-2	0.18	0.25	0.53	2720	63.0	0.80	62.0	0.80	60.5	0.76	2.3	6.0	2.4
MS63M2-2	0.25	0.33	0.69	2720	65.0	0.81	64.0	0.80	62.5	0.77	2.3	6.0	2.4
MS71M1-2	0.37	0.50	0.99	2740	66.0	0.81	65.0	0.80	63.5	0.78	2.3	6.0	2.4
MS71M2-2	0.55	0.75	1.40	2740	71.0	0.82	70.0	0.82	68.5	0.79	2.3	6.0	2.4
MS80M1-2	0.75	1	1.83	2835	77.4	0.83	72.0	0.83	70.2	0.80	2.3	6.0	2.4
MS80M2-2	1.1	1.5	2.58	2835	79.6	0.84	75.1	0.83	73.0	0.80	2.3	6.5	2.4
MS90S-2	1.5	2	3.43	2845	81.3	0.84	77.0	0.85	70.0	0.81	2.3	6.5	2.4
MS90L-2	2.2	3	4.85	2845	83.2	0.85	80.0	0.85	78.0	0.84	2.3	6.5	2.4
MS100L-2	3.0	4	6.31	2875	84.6	0.87	81.0	0.86	79.3	0.86	2.3	7.0	2.4
MS112M-2	4.0	5.5	8.10	2895	85.8	0.88	83.5	0.87	81.0	0.84	2.3	7.0	2.4
MS132S1-2	5.5	7.5	11.0	2905	87.0	0.88	84.3	0.89	83.0	0.84	2.3	7.0	2.4
MS132S2-2	7.5	10	14.9	2905	88.1	0.88	85.9	0.87	83.7	0.84	2.3	7.0	2.4
MS160M1-2	11	15	21.3	2935	89.4	0.89	86.8	0.89	84.1	0.84	2.3	7.0	2.4
MS160M2-2	15	20	28.8	2935	90.3	0.89	88.0	0.89	86.4	0.85	2.3	7.0	2.4
MS160L-2	18.5	25	34.7	2935	90.9	0.90	89.0	0.88	86.8	0.86	2.3	7.0	2.4
同步转速1500转/分 (4极) 380V 50Hz Synchronous Speed 1500r/min(4 poles)													
MS56M1-4	0.06	0.08	0.26	1300	53.0	0.70	51.8	0.65	50.0	0.53	2.2	5.5	2.3
MS56M2-4	0.09	0.12	0.35	1300	55.0	0.71	53.8	0.67	52.0	0.55	2.2	5.5	2.3
MS63M1-4	0.12	0.18	0.42	1310	57.0	0.72	56.1	0.69	53.9	0.57	2.2	5.5	2.3
MS63M2-4	0.18	0.25	0.62	1310	60.0	0.73	58.5	0.70	56.7	0.59	2.2	5.5	2.3
MS71M1-4	0.25	0.33	0.79	1330	65.0	0.74	62.4	0.73	59.3	0.59	2.2	5.5	2.3
MS71M2-4	0.37	0.50	1.12	1330	67.0	0.75	65.3	0.74	60.8	0.63	2.2	5.5	2.3
MS80M1-4	0.55	0.75	1.57	1395	71.0	0.75	69.2	0.74	67.2	0.64	2.3	6.0	2.4
MS80M2-4	0.75	1.0	2.03	1395	79.6	0.76	71.7	0.75	69.8	0.67	2.3	6.0	2.4
MS90S-4	1.1	1.5	2.89	1405	81.4	0.77	73.1	0.75	70.8	0.67	2.3	6.0	2.4
MS90L-4	1.5	2	3.70	1405	82.8	0.79	76.1	0.76	73.7	0.69	2.3	6.0	2.4
MS100L1-4	2.2	3	5.16	1435	84.3	0.81	78.0	0.79	75.5	0.69	2.3	7.0	2.4
MS100L2-4	3.0	4	6.78	1435	85.5	0.82	79.9	0.78	77.5	0.70	2.3	7.0	2.4
MS112M-4	4.0	5.5	8.80	1445	86.6	0.82	81.9	0.79	79.6	0.70	2.3	7.0	2.4
MS132S-4	5.5	7.5	11.7	1445	87.7	0.83	82.8	0.81	80.4	0.73	2.3	7.0	2.4
MS132M-4	7.5	10	15.6	1445	88.7	0.84	84.8	0.82	82.6	0.74	2.3	7.0	2.4
MS160M-4	11	15	22.3	1465	89.8	0.84	85.8	0.83	83.8	0.75	2.2	7.0	2.4
MS160L-4	15	20	30.1	1465	90.6	0.85	90.0	0.83	88.5	0.75	2.2	7.0	2.3
同步转速1000转/分 (6极) 380V 50Hz Synchronous Speed 1000r/min(6poles)													
MS71M1-6	0.18	0.25	0.74	850	56.0	0.66	54.6	0.66	53.0	0.65	2.0	5.5	2.2
MS71M2-6	0.25	0.33	0.95	850	59.0	0.68	57.5	0.68	56.1	0.62	2.0	5.5	2.2
MS80M1-6	0.37	0.50	1.30	895	62.0	0.70	60.5	0.69	59.1	0.64	2.0	5.5	2.2
MS80M2-6	0.55	0.75	1.79	895	65.0	0.72	63.3	0.71	60.1	0.64	2.0	5.5	2.2
MS90S-6	0.75	1	2.29	915	75.9	0.72	67.3	0.72	66.3	0.65	2.1	5.5	2.2
MS90L-6	1.1	1.5	3.18	915	78.1	0.73	70.2	0.72	68.0	0.66	2.1	5.5	2.2
MS100L-6	1.5	2	3.94	945	79.8	0.75	74.0	0.75	71.0	0.68	2.1	5.5	2.2
MS112M-6	2.2	3	5.60	945	81.8	0.73	77.1	0.77	75.1	0.69	2.2	6.5	2.3
MS132S-6	3.0	4	7.40	965	83.3	0.76	78.9	0.77	76.1	0.69	2.2	6.5	2.3
MS132M1-6	4.0	5.5	9.80	965	84.6	0.76	80.0	0.76	77.5	0.70	2.2	6.5	2.3
MS132M2-6	5.5	7.5	12.9	965	86.0	0.77	82.1	0.77	79.4	0.70	2.2	6.5	2.3
MS160M-6	7.5	10	17.0	975	87.2	0.77	83.4	0.77	82.4	0.70	2.2	6.5	2.3
MS160L-6	11	15	24.2	975	88.7	0.78	86.6	0.78	84.8	0.72	2.2	6.5	2.3
同步转速750转/分 (8极) 380V 50Hz Synchronous Speed 750r/min(8poles)													
MS80M1-8	0.18	0.25	0.88	630	51.0	0.61	47.9	0.52	44.6	0.54	1.8	4.0	1.9
MS80M2-8	0.25	0.33	1.15	640	54.0	0.61	48.9	0.54	45.3	0.55	1.8	4.0	1.9
MS90S-8	0.37	0.50	1.49	660	62.0	0.61	55.6	0.57	50.7	0.56	1.8	4.0	1.9
MS90L-8	0.55	0.75	2.18	660	63.0	0.61	55.9	0.58	50.9	0.59	1.8	4.0	2.0
MS100L1-8	0.75	1	2.17	690	71.0	0.67	60.9	0.65	59.7	0.56	1.8	4.0	2.0
MS100L2-8	1.1	1.5	2.39	690	73.0	0.69	72.0	0.61	59.8	0.57	1.8	5.0	2.0
MS112M-8	1.5	2	4.50	680	75.0	0.69	74.2	0.64	59.8	0.58	1.8	5.0	2.0
MS132S-8	2.2	3	6.00	710	78.0	0.71	77.2	0.61	60.1	0.58	1.8	6.0	2.0
MS132M-8	3.0	4	7.90	710	79.0	0.73	78.2	0.62	60.0	0.59	1.8	6.0	2.0
MS160M1-8	4.0	5.5	10.3	720	81.0	0.73	80.2	0.63	61.0	0.58	1.9	6.0	2.0
MS160M2-8	5.5	7.5	13.6	720	83.0	0.74	81.2	0.61	62.0	0.59	2.0	6.0	2.0
MS160L-8	7.5	10	17.8	720	85.5	0.75	84.5	0.63	65.9	0.59	2.0	6.0	2.0

YBE4 系列超高效率隔爆型三相异步电动机

YBE4 SERIES ULTRA HIGH EFFICIENCY FLAMEPROOF
THREE-PHASE ASYNCHRONOUS MOTOR



产品概述

YBE4 系列超高效率隔爆型三相异步电动机是我公司自主研发设计的全封闭超高效率隔爆型三相异步电动机。效率指标符合 GB 18613–2020《电动机能效限定值及能效等级》中 2 级电动机节能价值的规定。

本系列电动机符合国际标准 GB/T 3836.1 《爆炸性环境第 1 部分：通过要求》和 GB/T 3836.2 《爆炸性环境第 2 部分：由隔爆外壳 “d” 保护的设

备》的规定。
本系列电动机制成隔爆型，适用于爆炸性气体环境中机械设备的电力驱动。防爆标志为 Ex db I Mb, Ex db IIA T (1–4) Gb, Ex db IIB T (1–4) Gb, Ex db IIC T (1–4) Gb, 温度组别为 T1、T2、T3、T4。

本系列电动机机座号范围为 80~355，功率等级和安装尺寸符合 GB/T4772.1/IEC60072–1 和 GB/T4772.2/IEC60072–2 标志的规定

PRODUCT OVERVIEW

YBE4 series ultra high efficiency flameproof three-phase asynchronous motors are fully enclosed ultra high efficiency flameproof three-phase asynchronous motors independently developed and designed by our company. The efficiency index conforms to the energy saving value of grade 2 motors stipulated in GB 18613–2020 Limited Values and Grades of Energy Efficiency for Motors.

This series of motors complies with the international standards GB/T 3836.1 "Explosive Atmospheres Part 1: Pass Requirements" and GB/T 3836.2 "Explosive Atmospheres Part 2: Equipment Protected by Flameproof Enclosure "d".

This series of motors are made of flameproof type and are suitable for electric drive of mechanical equipment in explosive gas environment. Explosion proof marks are Ex db I Mb, Ex db IIA T (1–4) Gb, Ex db IIB T (1–4) Gb, Ex db IIC T (1–4) Gb, temperature groups are T1, T2, T3 , T4.

The frame size of this series of motors ranges from 80 to 355, and the power level and installation dimensions comply with the requirements of GB/T4772.1/IEC 60072–1 and GB/T4772.2/IEC60072–2 marks

型号含义 Types of meaning

Y B E4 250 M – 4 – WF1

环境代号：F1– 户内防中等腐蚀型
F2– 户内防强腐蚀性
WF1– 户外防中等腐蚀型
WF1– 户外防强腐蚀性
TH– 湿热带
TA– 干热带
G– 高原

Environment code: F1– Indoor medium corrosion resistant type
F2– Indoor strong corrosion proof type
WF1– Outdoor medium corrosion resistant type
WF1– Outdoor strong corrosion resistant type
TH– Humid tropics
TA– Dry tropics
G– Plateau

极数
机座长度（S 表示机座、M 表示
中机座、L 表示长机座）
中心高

Poles
Frame length (S stands for frame,
M stands for middle frame, L stands for long frame)
Center height

超高效电动机
隔爆型
异步电动机

ultra high efficiency motor
Flameproof type
Asynchronous motor

技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output	转速 Speed	电压 Voltage	额定电流 IN	效率 EFF	功率因素 Power factor	额定转矩 Rated torque (Tn)	堵转转矩 Locked torque Rated torque TST/TFL	堵转电流 Locked current Rated torque IST/TFL	最大转矩 Max torque Rated torque TM/TFL	噪声 Noise level LW dB(A)
YBE4	(kW)	(r/min)	(V)	(A)	(%)	(cos Φ)	N.m				
同步转速3000转/分（2极）380V 50Hz Synchronous Speed 3000r/min(2 poles)											
YBE4–80M1–2	0.75	2875	380	1.62	83.5	0.83	2.5	2.2	8.5	2.3	62
YBE4–80M2–2	1.1	2885	380	2.32	85.2	0.83	3.65	2.2	8.5	2.3	62
YBE4–90S–2	1.5	2890	380	3.06	86.5	0.85	4.97	2.2	9.0	2.3	67
YBE4–90L–2	2.2	2895	380	4.36	88.0	0.86	7.32	2.2	9.0	2.3	67
YBE4–100L–2	3	2900	380	5.84	89.1	0.87	9.88	2.2	9.5	2.3	74
YBE4–112M–2	4	2915	380	7.64	90.0	0.88	13.2	2.2	9.5	2.3	77
YBE4–132S1–2	5.5	2925	380	10.3	90.9	0.88	18	2.0	9.5	2.3	79
YBE4–132S2–2	7.5	2925	380	13.9	91.7	0.89	24.7	2.0	9.5	2.3	79
YBE4–160M1–2	11	2940	380	20.2	92.6	0.89	35.7	2.0	9.5	2.3	81
YBE4–160M2–2	15	2940	380	27.4	93.3	0.89	48.9	2.0	9.5	2.3	81
YBE4–160L–2	18.5	2940	380	33.6	93.7	0.89	60.3	2.0	9.5	2.3	81
YBE4–180M–2	22	2945	380	39.8	94.0	0.89	71.3	2.0	9.5	2.3	83
YBE4–200L1–2	30	2970	380	54.2	94.5	0.89	96.5	2.0	9.0	2.3	84
YBE4–200L2–2	37	2970	380	66.6	94.8	0.89	119	2.0	9.0	2.3	84
YBE4–225M–2	45	2970	380	80.8	95.0	0.89	145	2.0	9.0	2.3	86
YBE4–250M–2	55	2970	380	98.5	95.3	0.89	177	2.0	9.0	2.3	89
YBE4–280S–2	75	2980	380	134	95.6	0.89	241	1.8	8.5	2.3	91
YBE4–280M–2	90	2980	380	160	95.8	0.89	289	1.8	8.5	2.3	91
YBE4–315S–2	110	2985	380	196	96.0	0.89	353	1.8	8.5	2.3	92
YBE4–315M–2	132	2985	380	235	96.2	0.89	423	1.8	8.5	2.3	92
YBE4–315L1–2	160	2985	380	284	96.3	0.89	513	1.8	8.5	2.2	92
YBE4–315L2–2	185	2985	380	328	96.5	0.89	593	1.8	8.5	2.2	92
YBE4–315L3–2	200	2985	380	355	96.5	0.89	641	1.8	8.5	2.2	92
YBE4–355M1–2	220	2990	380	381	96.5	0.91	705	1.6	8.5	2.2	100
YBE4–355M2–2	250	2990	380	433	96.5	0.91	801	1.6	8.5	2.2	100
YBE4–355L1–2	280	2990	380	484	96.5	0.91	897	1.6	8.5	2.2	100
YBE4–355L2–2	315	2990	380	545	96.5	0.91	1009	1.6	8.5	2.2	100
YBE4–3551–2	355	2990	380	613	96.5	0.91	1138	0.9	8.6	1.8	104
YBE4–3552–2	375	2990	380	655	96.5	0.90	1202	0.9	8.6	1.8	104



技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output	转速 Speed	电压 Voltage	额定电流 IN	效率 EFF	功率因素 Power factor	额定转矩 Rated torque (Tn)	堵转转矩 Locked torque Rated torque TST/TFL	堵转电流 Locked current Rated torque IST/TFL	最大转矩 Max torque Rated torque TM/TFL	噪声 Noise level LW dB(A)
YBE4	(kW)	(r/min)	(V)	(A)	(%)	(cos Φ)	N.m				
同步转速1500转/分（4极）380V 50Hz Synchronous Speed 1500r/min(4 poles)											
YBE4-80M1-4	0.55	1425	380	1.35	83.9	0.74	3.69	2.4	9.8	2.2	56
YBE4-80M2-4	0.75	1425	380	1.80	85.7	0.74	5.03	2.3	8.5	2.3	56
YBE4-90S-4	1.1	1430	380	2.55	87.5	0.75	7.35	2.3	8.5	2.3	59
YBE4-90L-4	1.5	1430	380	3.31	88.2	0.78	10.1	2.3	9.0	2.3	59
YBE4-100L1-4	2.2	1435	380	4.71	89.5	0.79	14.5	2.3	9.0	2.3	64
YBE4-100L2-4	3	1440	380	6.31	90.4	0.80	20.2	2.3	9.5	2.3	64
YBE4-112M-4	4	1450	380	8.35	91.1	0.80	26.3	2.2	9.5	2.3	65
YBE4-132S-4	5.5	1460	380	11.3	91.9	0.80	36.0	2.0	9.5	2.3	71
YBE4-132M-4	7.5	1460	380	15.2	92.6	0.81	49.6	2.0	9.5	2.3	71
YBE4-160M-4	11	1470	380	21.5	93.3	0.83	71.5	2.2	9.5	2.3	73
YBE4-160L-4	15	1470	380	28.8	93.9	0.84	97.4	2.2	9.5	2.3	73
YBE4-180M-4	18.5	1475	380	35.1	94.2	0.85	120	2.0	9.5	2.3	76
YBE4-180L-4	22	1475	380	41.5	94.5	0.85	142	2.0	9.5	2.3	76
YBE4-200L-4	30	1475	380	56.4	94.9	0.85	194	2.0	9.0	2.3	76
YBE4-225S-4	37	1480	380	69.4	95.2	0.85	239	2.0	9.0	2.3	78
YBE4-225M-4	45	1480	380	84.1	95.4	0.85	290	2.0	9.0	2.3	78
YBE4-250M-4	55	1480	380	101	95.7	0.86	355	2.0	9.0	2.3	79
YBE4-280S-4	75	1485	380	136	96.0	0.87	484	2.0	8.5	2.3	80
YBE4-280M-4	90	1485	380	162	96.1	0.88	579	2.0	8.5	2.3	80
YBE4-315S-4	110	1490	380	195	96.3	0.89	707	2.0	8.5	2.2	88
YBE4-315M-4	132	1490	380	234	96.4	0.89	849	2.0	8.5	2.2	88
YBE4-315L1-4	160	1490	380	280	96.6	0.90	1029	2.0	8.5	2.2	88
YBE4-315L2-4	185	1490	380	323	96.7	0.90	1190	2.0	8.5	2.2	88
YBE4-315L3-4	200	1490	380	349	96.7	0.90	1286	2.0	8.5	2.2	88
YBE4-355M1-4	220	1495	380	384	96.7	0.90	1412	2.0	8.5	2.2	95
YBE4-355M2-4	250	1495	380	436	96.7	0.90	1597	2.0	8.5	2.2	95
YBE4-355L1-4	280	1495	380	488	96.7	0.90	1797	2.0	8.5	2.2	95
YBE4-355L2-4	315	1495	380	549	96.7	0.90	2022	2.0	8.5	2.2	95
YBE4-3551-4	355	1495	380	619	96.7	0.90	2275	1.7	8.5	2.2	102
YBE4-3552-4	375	1495	380	669	96.7	0.88	2395	1.7	8.5	2.2	102



技术参数 / TECHNICAL DATE

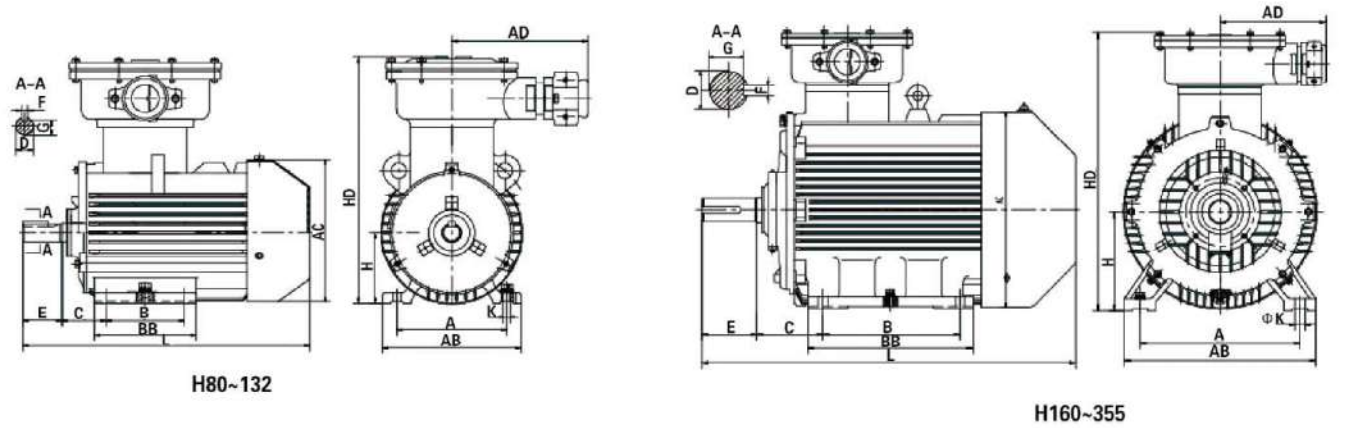
电机型号 Type No.	额定功率 Rated output	转速 Speed	电压 Voltage	额定电流 IN	效率 EFF	功率因素 Power factor(cos Φ)	额定转矩 Rated torque (Tn)	堵转转矩 Locked torque Rated torque TST/TFL	堵转电流 Locked current Rated torque IST/TFL	最大转矩 Max torque Rated torque TM/TFL	噪声 Noise level LW dB(A)
YBE4	(kW)	(r/min)	(V)	(A)	(%)	(cos Φ)	N.m				
同步转速1000转/分（6极）380V 50Hz Synchronous Speed 1000r/min(6poles)											
YBE4-80M1-6	0.37	930	380	1.06	78.0	0.68	3.82	2.0	9.7	2.1	54
YBE4-80M2-6	0.55	930	380	1.48	80.9	0.70	5.68	2.0	9.0	2.1	54
YBE4-90S-6	0.75	940	380	2.03	82.7	0.70	7.62	2.0	7.5	2.1	57
YBE4-90L-6	1.1	945	380	2.84	84.5	0.70	11.1	2.0	7.5	2.1	57
YBE4-100L-6	1.5	950	380	3.72	85.9	0.71	14.9	2.0	7.5	2.1	61
YBE4-112M-6	2.2	950	380	5.40	87.4	0.71	22.1	2.0	7.5	2.1	65
YBE4-132S-6	3	960	380	7.24	88.6	0.71	29.8	2.0	7.5	2.1	69
YBE4-132M1-6	4	960	380	9.41	89.5	0.72	39.8	2.0	8.0	2.1	69
YBE4-132M2-6	5.5	965	380	13.0	90.5	0.72	54.4	2.0	8.0	2.1	69
YBE4-160M-6	7.5	970	380	16.6	91.3	0.76	73.8	2.0	8.0	2.1	73
YBE4-160L-6	11	970	380	23.7	92.3	0.77	108	2.0	8.5	2.1	73
YBE4-180L-6	15	975	380	30.8	92.9	0.80	147	2.0	8.5	2.1	73
YBE4-200L1-6	18.5	980	380	37.7	93.4	0.80	180	2.0	8.5	2.1	73
YBE4-200L2-6	22	980	380	43.9	93.7	0.81	214	2.0	8.5	2.1	73
YBE4-225M-6	30	980	380	58.9	94.2	0.82	292	2.0	8.3	2.1	74
YBE4-250M-6	37	985	380	71.6	94.5	0.83	361	2.0	8.3	2.1	76
YBE4-280S-6	45	985	380	86.8	94.8	0.83	439	2.0	8.5	2.0	78
YBE4-280M-6	55	985	380	104	95.1	0.84	536	2.0	8.5	2.0	78
YBE4-315S-6	75	990	380	142	95.4	0.84	727	1.6	8.0	2.0	83
YBE4-315M-6	90	990	380	169	95.6	0.85	873	1.6	8.0	2.0	83
YBE4-315L1-6	110	990	380	206	95.8	0.85	1066	1.6	8.0	2.0	83
YBE4-315L2-6	132	990	380	244	96.0	0.86	1280	1.6	8.0	2.0	83
YBE4-355M1-6	160	995	380	295	96.2	0.86	1551	1.6	8.0	2.0	85
YBE4-355M2-6	185	995	380	340	96.3	0.86	1793	1.6	8.0	2.0	85
YBE4-355M3-6	200	995	380	368	96.3	0.86	1939	1.6	8.0	2.0	85
YBE4-355L1-6	220	995	380	400	96.5	0.87	2112	1.6	8.0	2.0	85
YBE4-355L2-6	250	995	380	460	96.5	0.86	2424	1.6	8.0	2.0	85
YBE4-3551-6	280	995	380	540	96.5	0.82	2687	1.6	8.0	2.0	91
YBE4-3552-6	315	995	380	607	96.6	0.82	3054	1.6	7.9	1.8	91

技术参数 / TECHNICAL DATE

电机型号 Type No.	额定功率 Rated output	转速 Speed	电压 Voltage	额定电流 IN	效率 EFF	功率因素 Power factor(cosΦ)	额定转矩 Rated torque (Tn)	堵转转矩 Locked torque Rated torque TST/TFL	堵转电流 Locked current Rated torque IST/TFL	最大转矩 Max torque Rated torque TM/TFL	噪声 Noise level LW dB(A)
YBE4	(kW)	(r/min)	(V)	(A)	(%)	(cosΦ)	N.m				
同步转速750转/分〈8极〉380V 50Hz Synchronous Speed 750r/min(8poles)											
YBE4-80M1-8	0.18	695	380	0.67	67.2	0.61	2.47	2.0	7.5	1.9	52
YBE4-80M2-8	0.25	695	380	0.88	70.8	0.61	3.43	2.0	7.9	1.9	52
YBE4-90S-8	0.37	700	380	1.24	74.3	0.61	5.05	2.0	8.3	1.9	56
YBE4-90L-8	0.55	700	380	1.78	77.0	0.61	7.50	2.0	7.4	2.0	56
YBE4-100L1-8	0.75	710	380	2.20	78.4	0.66	10.1	2.0	7.0	2.0	59
YBE4-100L2-8	1.1	710	380	3.09	80.8	0.67	14.8	2.0	7.0	2.0	59
YBE4-112M-8	1.5	710	380	4.00	82.6	0.69	20.2	2.0	7.0	2.0	61
YBE4-132S-8	2.2	720	380	5.65	84.5	0.70	29.2	1.8	7.5	2.0	64
YBE4-132M-8	3	720	380	7.58	85.9	0.70	43.3	1.8	7.8	2.0	64
YBE4-160M1-8	4	730	380	9.83	87.1	0.71	52.3	1.8	7.9	2.0	68
YBE4-160M2-8	5.5	730	380	13.1	88.3	0.72	71.9	1.8	8.1	2.0	68
YBE4-160L-8	7.5	730	380	17.2	89.3	0.74	98.1	1.8	7.8	2.0	68
YBE4-180L-8	11	735	380	24.9	90.4	0.74	143	1.8	7.9	2.0	70
YBE4-200L-8	15	735	380	33.3	91.2	0.75	195	1.8	8.0	2.0	73
YBE4-225S-8	18.5	740	380	40.8	91.7	0.75	238	1.8	8.1	2.0	73
YBE4-225M-8	22	740	380	47.8	92.1	0.76	284	1.8	8.3	2.0	73
YBE4-250M-8	30	740	380	63.8	92.7	0.77	387	1.8	7.9	2.0	75
YBE4-280S-8	37	740	380	77.4	93.1	0.78	477	1.8	7.9	2.0	76
YBE4-280M-8	45	740	380	93.8	93.4	0.78	580	1.8	7.9	2.0	76
YBE4-315S-8	55	745	380	112	93.7	0.80	705	1.6	8.2	2.0	82
YBE4-315M-8	75	745	380	151	94.2	0.80	961	1.6	7.6	2.0	82
YBE4-315L1-8	90	745	380	179	94.4	0.81	1154	1.6	7.7	2.0	82
YBE4-315L2-8	110	745	380	218	94.7	0.81	1410	1.6	7.7	2.0	82
YBE4-355M1-8	132	745	380	261	94.9	0.81	1692	1.6	7.7	2.0	90
YBE4-355M2-8	160	745	380	312	95.1	0.82	2051	1.6	7.7	2.0	90
YBE4-355L-8	200	745	380	388	95.4	0.82	2563	1.6	7.8	2.0	90

外形及安装尺寸

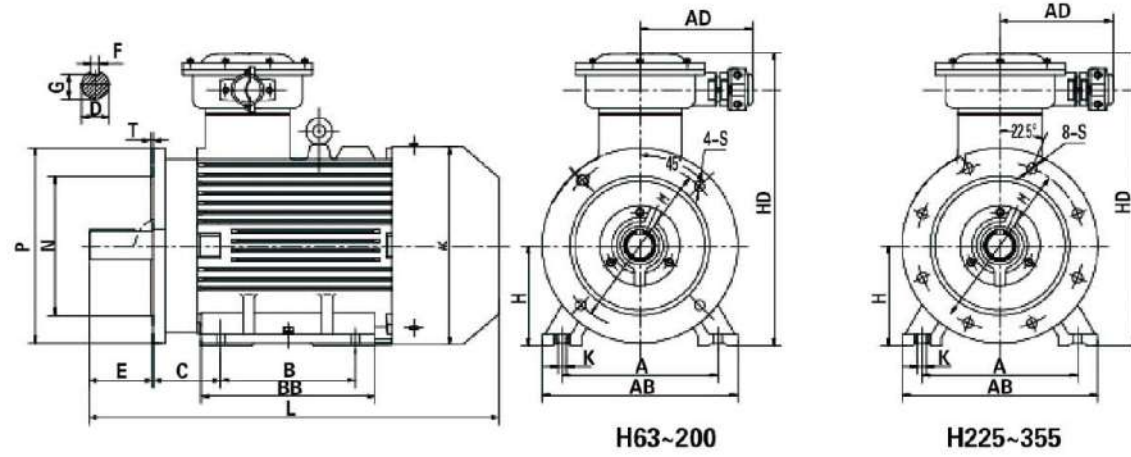
B3 安装，机座带底脚，端盖无凸缘



机座号 Frame size	级数 Poles	安装尺寸 Mounting Dimensions(mm)										外形尺寸 Overall Dimensions(mm)					
		A	B	C	D	E	F	G	H	K		AB	AC	AD	BB	HD	L
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	10		165	172	-	130	320	330
90S	2.4.6.8	140	100	56	24	50	8	20	90	12		180	180	-	155	330	375
90L	2.4.6.8	140	125	56	24	50	8	20	90	12		180	180	-	180	330	400
100L	2.4.6.8	160	140	63	28	60	8	24	100	12		200	214	-	185	357	445
112M	2.4.6.8	190	140	70	28	60	8	24	112	12		240	223	241	180	377	495
132S	2.4.6.8	216	140	89	38	80	10	33	132	15		264	270	241	200	420	536
132M	2.4.6.8	216	178	89	38	80	10	33	132	15		264	270	241	240	420	561
160M	2.4.6.8	254	210	108	42	110	12	37	160	15		330	325	260	270	475	677
160L	2.4.6.8	254	254	108	42	110	12	37	160	15		330	325	260	314	475	717
180M	2.4.6.8	279	241	121	48	110	14	37	180	19		355	360	260	311	515	742
180L	2.4.6.8	279	279	121	48	110	14	42.5	180	19		355	360	260	349	515	762
200L	2.4.6.8	318	305	133	55	110	16	42.5	200	19		390	400	276	366	598	855
225S	4.8	356	286	149	60	140	18	49	225	19		435	450	300	355	648	881
225M	2	356	311	149	55	110	16	53	225	19		435	450	300	380	648	895
	4.6.8	356	311	149	60	140	18	49	225	19		435	450	300	380	648	926
250M	2	406	349	168	60	140	18	53	250	24		490	500	360	420	740	960
	4.6.8	406	349	168	65	140	18	53	250	24		490	500	360	420	740	960
280S	2	457	368	190	65	140	18	58	280	24		545	560	360	438	810	1150
	4.6.8	457	368	190	75	140	20	58	280	24		545	560	360	438	810	1150
280M	2	457	419	190	65	140	18	67.5	280	24		545	560	360	493	810	1180
	4.6.8	457	419	190	75	140	20	58	280	24		545	560	360	493	810	1180
315S	2	508	406	216	65	140	18	67.5	315	28		640	630	385	550	940	1227
	4.6.8.10	508	406	216	80	170	22	58	315	28		640	630	385	550	940	1357
315M	2	508	457	216	65	140	18	71	315	28		640	630	385	680	940	1357
	4.6.8.10	508	457	216	80	170	22	58	315	28		640	630	385	680	940	1380
315L	2	508	508	216	65	140	18	71	315	28		640	630	385	680	940	1400
	4.6.8.10	508	508	216	80	170	22	58	315	28		640	630	385	680	940	1520
355S	2	610	500	254	75	140	20	67.5	355	28		740	720	430	710	1020	1455
	4.6.8.10	610	500	254	95	170	25	86	355	28		740	720	430	710	1020	1455
355M	2	610	560	254	75	140	20	67.5	355	28		740	720	430	710	1020	1500
	4.6.8.10	610	560	254	95	170	25	86	355	28		740	720	430	840	1020	1500
355L	2	610	630	254	75	140	20	67.5	355	28		740	720	430	840	1020	1630
	4.6.8.10	610	630	254	95	170	25	86	355	28		740	720	430	840	1020	1630

外形及安装尺寸

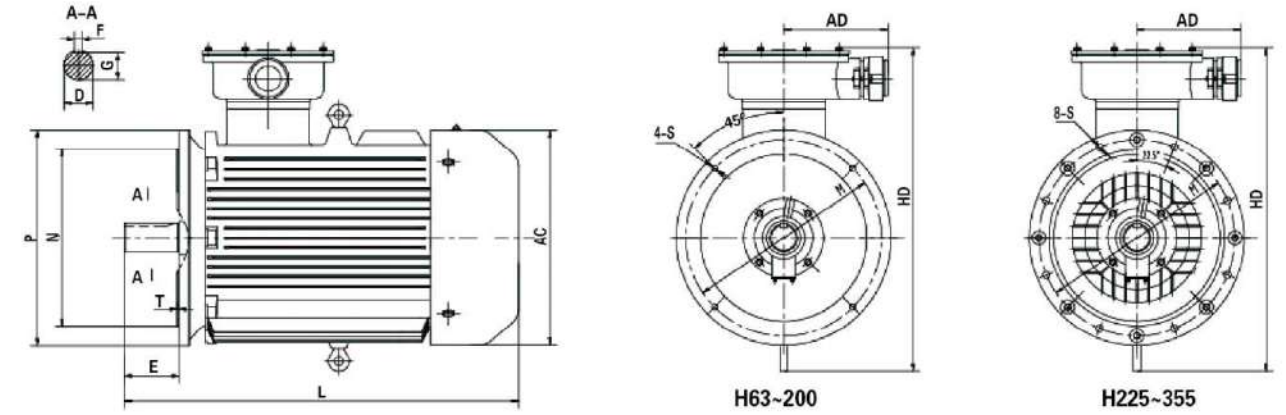
B35 安装，机座号带底脚、端盖上有凸缘的电动机（带通孔）



机座号 Frame size	级数 Poles	安装尺寸 Mounting Dimensions(mm)															凸缘孔数	外形尺寸 Overall Dimensions(mm)					
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T		AB	AC	AD	BB	HD	L
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	4	165	172	-	130	320	330
90S	2.4.6.8	140	100	56	24	50	8	20	90	12	165	130	200	0	12	3.5	4	180	180	-	155	330	375
90L	2.4.6.8	140	125	56	24	50	8	20	90	12	165	130	200	0	12	3.5	4	180	180	-	180	330	400
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	4	200	214	-	185	357	445
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	4	240	223	-	180	377	495
132S	2.4.6.8	216	140	89	38	80	10	33	132	15	265	230	300	0	15	4	4	264	270	-	200	420	536
132M	2.4.6.8	216	178	89	38	80	10	33	132	15	265	230	300	0	15	4	4	264	270	-	240	420	561
160M	2.4.6.8	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5	4	324	325	241	270	475	677
160L	2.4.6.8	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	4	324	325	241	314	475	717
180M	2.4.6.8	279	241	121	48	110	14	37	180	19	300	250	350	0	19	5	4	349	360	260	311	515	742
180L	2.4.6.8	279	279	121	48	110	14	42.5	180	19	300	250	350	0	19	5	4	349	360	260	349	515	762
200L	2.4.6.8	318	305	133	55	110	16	42.5	200	19	350	300	400	0	19	5	4	390	400	276	366	598	855
225S	4.8	356	286	149	60	140	18	49	225	19	400	350	450	0	19	5	8	431	450	276	355	648	881
225M	2	356	311	149	55	110	16	53	225	19	400	350	450	0	19	5	8	431	450	300	380	648	895
	4.6.8	356	311	149	60	140	18	49	225	19	400	350	450	0	19	5	8	431	450	300	380	648	926
250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	19	5	8	486	500	360	420	740	960
	4.6.8	406	349	168	65	140	18	53	250	24	500	450	550	0	19	5	8	486	500	360	420	740	960
280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	19	5	8	545	560	360	438	810	1150
	4.6.8	457	368	190	75	140	20	58	280	24	500	450	550	0	19	5	8	545	560	360	438	810	1150
280M	2	457	419	190	65	140	18	67.5	280	24	500	450	550	0	19	5	8	545	560	360	493	810	1180
	4.6.8	457	419	190	75	140	20	58	280	24	500	450	550	0	19	5	8	545	560	360	493	810	1180
315S	2	508	406	216	65	140	18	67.5	315	28	600	550	660	0	24	6	8	630	630	385	550	940	1227
	4.6.8.10	508	406	216	80	170	22	58	315	28	600	550	660	0	24	6	8	630	630	385	550	940	1357
315M	2	508	457	216	65	140	18	71	315	28	600	550	660	0	24	6	8	630	630	385	680	940	1357
	4.6.8.10	508	457	216	80	170	22	58	315	28	600	550	660	0	24	6	8	630	630	385	680	940	1380
315L	2	508	508	216	65	140	18	71	315	28	600	550	660	0	24	6	8	630	630	385	680	940	1400
	4.6.8.10	508	508	216	80	170	22	58	315	28	600	550	660	0	24	6	8	630	630	385	680	940	1520
355S	2	610	500	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	720	710	710	1020	1455
	4.6.8.10	610	500	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	720	710	710	1020	1455
355M	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	720	710	710	1020	1500
	4.6.8.10	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	720	840	840	1020	1500
355L	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	720	840	840	1020	1630
	4.6.8.10	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	720	840	840	1020	1630

外形及安装尺寸

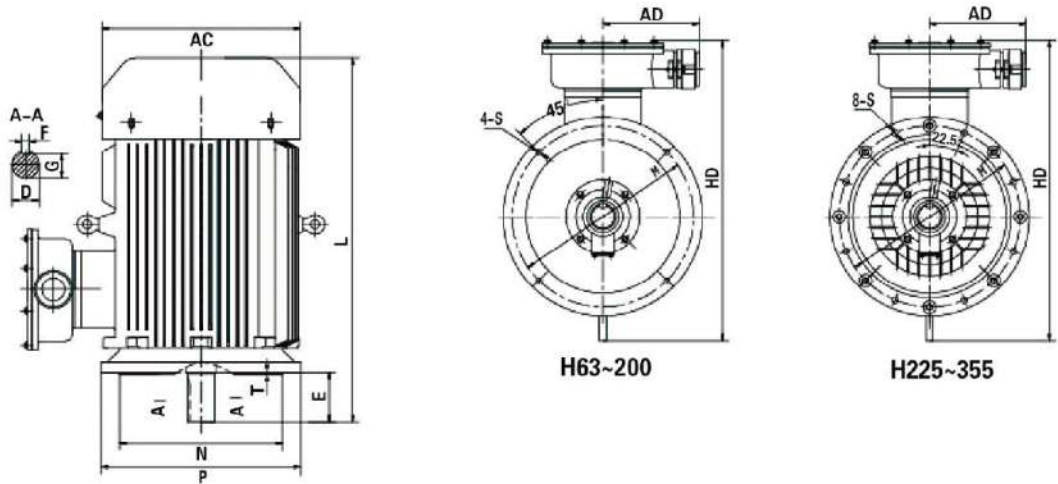
B5，机座不带底脚，端盖上有凸缘的电动机



机座号 Frame size	级数 Poles	安装尺寸 Mounting Dimensions(mm)										凸缘孔数	外形尺寸 Overall Dimensions(mm)		
		D	E	F	G	M	N	P	R	S	T		AC	AD	L
80M	2.4.6.8	19	40	6	15.5	165	130	200	0	12	3.5	4	172	-	330
90S	2.4.6.8	24	50	8	20	165	130	200	0	12	3.5	4	178	-	375
90L	2.4.6.8	24	50	8	20	165	130	200	0	12	3.5	4	178	-	400
100L	2.4.6.8	28	60	8	24	215	180	250	0	15	4	4	214	-	445
112M	2.4.6.8	28	60	8	24	215	180	250	0	15	4	4	223	-	486
132S	2.4.6.8	38	80	10	33	265	230	300	0	15	4	4	262	-	536
132M	2.4.6.8	38	80	10	33	265	230	300	0	15	4	4	262	-	561
160M	2.4.6.8	42	110	12	37	300	250	350	0	19	5	4	322	210	667
160L	2.4.6.8	42	110	12	37	300	250	350	0	19	5	4	322	210	707
180M	2.4.6.8	48	110	14	42.5	300	250	350	0	19	5	4	362	210	742
180L	2.4.6.8	48	110	14	42.5	300	250	350	0	19	5	4	362	210	762
200L	2.4.6.8	55	110	16	49	350	300	400	0	19	5	4	403	256	851
225S	4.8	60	140	18	53	400	350	450	0	19	5	8	460	256	881
225M	2	55	110	16	49	400	350	450	0	19	5	8	460	256	886
	4.6.8	60	140	18	53	400	350	450	0	19	5	8	460	256	911

外形及安装尺寸

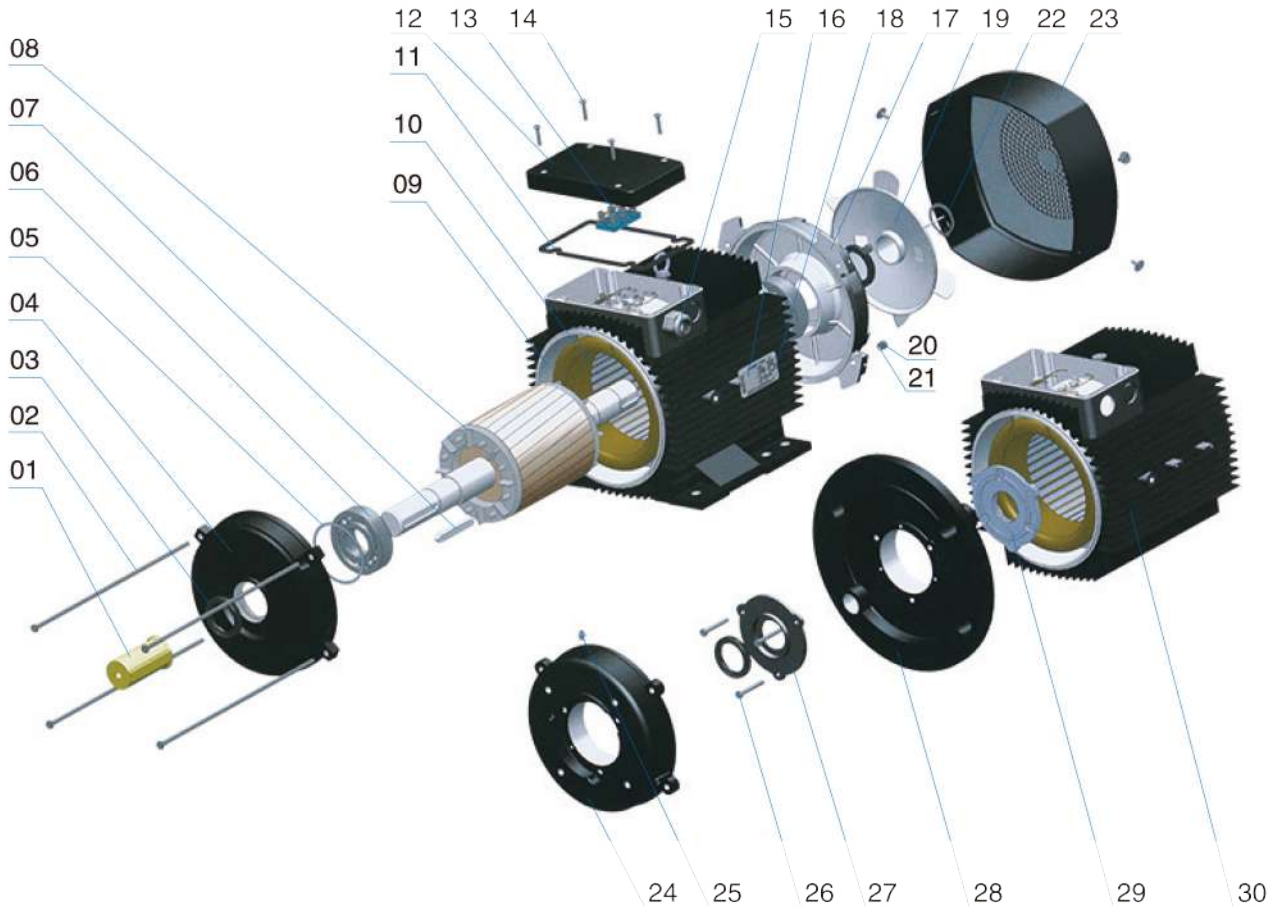
V1 安装，机座不带底脚，端盖上有凸缘的电动机



机座号 Frame size	级数 Poles	安装尺寸 Mounting Dimensions(mm)										凸缘 孔数	外形尺寸 Overall Dimensions(mm)		
		D	E	F	G	M	N	P	R	S	T		AC	AD	L
80M	2.4.6.8	19	40	6	15.5	165	130	200	0	12	3.5	4	172	—	330
90S	2.4.6.8	24	50	8	20	165	130	200	0	12	3.5	4	180	—	375
90L	2.4.6.8	24	50	8	20	165	130	200	0	12	3.5	4	180	—	400
100L	2.4.6.8	28	60	8	24	215	180	250	0	15	4	4	214	—	445
112M	2.4.6.8	28	60	8	24	215	180	250	0	15	4	4	223	—	486
132S	2.4.6.8	38	80	10	33	265	230	300	0	15	4	4	270	—	536
132M	2.4.6.8	38	80	10	33	265	230	300	0	15	4	4	270	—	561
160M	2.4.6.8	42	110	12	37	300	250	350	0	19	5	4	325	210	667
160L	2.4.6.8	42	110	12	37	300	250	350	0	19	5	4	325	210	707
180M	2.4.6.8	48	110	14	37	300	250	350	0	19	5	4	360	210	742
180L	2.4.6.8	48	110	14	42.5	300	250	350	0	19	5	4	360	210	762
200L	2.4.6.8	55	110	16	42.5	350	300	400	0	19	5	4	400	256	851
225S	4.8	60	140	18	49	400	350	450	0	19	5	4	450	256	881
225M	2	55	110	16	53	400	350	450	0	19	5	4	450	256	886
	4.6.8	60	140	18	49	400	350	450	0	19	5	8	450	256	911
250M	2	60	140	18	53	500	450	550	0	19	5	8	500	320	960
	4.6.8	65	140	18	53	500	450	550	0	19	5	8	500	320	960
280S	2	65	140	18	58	500	450	550	0	19	5	8	560	320	1050
	4.6.8	75	140	20	58	500	450	500	0	19	5	8	560	320	1050
280M	2	65	140	18	67.5	500	450	500	0	19	5	8	560	320	1080
	4.6.8	75	140	20	58	500	450	500	0	19	5	8	560	320	1080
315S	2	65	140	18	67.5	600	550	660	0	24	6	8	630	385	1226
	4.6.8.10	80	170	22	58	600	550	660	0	24	6	8	630	385	1356
315M	2	65	140	18	71	600	550	660	0	24	6	8	630	385	1356
	4.6.8.10	80	170	22	58	600	550	660	0	24	6	8	630	385	1490
315L	2	65	140	18	71	600	550	660	0	24	6	8	630	385	1490
	4.6.8.10	80	170	22	58	600	550	660	0	24	6	8	630	385	1575
355S	2	75	140	20	67.5	740	680	800	0	24	6	8	720	430	1570
	4.6.8.10	95	170	25	86	740	680	800	0	24	6	8	720	430	1570
355M	2	75	140	20	67.5	740	680	800	0	24	6	8	720	430	1650
	4.6.8.10	95	170	25	86	740	680	800	0	24	6	8	720	430	1650
355L	2	75	140	20	67.5	740	680	800	0	24	6	8	720	430	1750
	4.6.8.10	95	170	25	86	740	680	800	0	24	6	8	720	430	1750

产品分解图

EXPLODED VIEW



1. 轴套 (Shaft cover)	11. 接线盒密封圈 (Seal)	21. 弹簧垫圈 (Washer)
2. 螺栓 (Bolt)	12. 接线盒盖 (Electrical wiring lid)	22. 轴用挡圈 (Ring-shield)
3. 油封 (Oil seal)	13. 接线板 (Wiring board)	23. 风罩 (Fan cowl)
4.B3 前端盖 (B3 shield)	14. 螺钉 (Bolt)	24.B14 前端盖 (B14 flange)
5. 波纹垫圈 (Wave washer)	15. 螺套 (Barrel)	25. 油嘴 (Nozzle)
6. 轴承 (Bearing)	16. 铭牌 (Nameplate)	26. 螺栓 (Bolt)
7. 轴键 (Shaft key)	17. 铆钉 (Rivet)	27. 轴承外盖 (Outer bearing cover)
8. 转子 (Rotor)	18. 后端盖 (Rear endshield)	28.B5 前端盖 (B5 flange)
9.B3 机壳 (B3 motor casing)	19. 风叶 (Fan)	29. 轴承内盖 (Internal bearing cover)
10. 定子绕组 (Winding)	20. 螺母 (Nut)	30.B5 机壳 (B5 motor casing)

YE3/YE4 系列方型款铝壳电机

YE3/YE4 SERIES SQUARE TYPE ALUMINUM MOTOR



产品概述

YE3/YE4 系列 – 立式多级泵专用电机，在结合 CDL 不锈钢立式多级泵的基础上开发的新产品，该产品设计新颖、美观，电机防护等级达到 IP55、F 级绝缘、节能效率可达到国际的 IE3 标准既中国的 2 级能效，是理想的节能产品。而且有启动转矩较大、噪音小、震动低、结构合理、适用方便等特点。

电动机效率指标符合 GB/18613–2020《中小型三相异步电动机能效限定值及能效等级》中的 3 级或 2 级。

YE3 系列 – 格兰款铝壳三相异步电动机，为了更好配套解决大转矩、振动小、噪音小，前法兰及后端盖全部采用铸铁材料，这样可以满足该水泵的使用条件。

PRODUCT OVERVIEW

IE3/IE4 Series – special motor for vertical multi-stage pump, a new product developed on the basis of combining CDL stainless steel vertical multi-stage pump, the product has a novel design, beautiful appearance, motor protection grade reaches IP55, F-class insulation, energy-saving efficiency can be Reaching the international IE3 standard is China's level 2 energy efficiency, which is an ideal energy-saving product. And it has the characteristics of large starting torque, low noise, low noise, low vibration, reasonable structure and convenient application.

The motor efficiency index conforms to Level 3 or Level 2 in GB/18613–2020 "Limited Values and Energy Efficiency Levels of Small and Medium-sized Three-phase Asynchronous Motors".

IE3 series–grand aluminum shell three–phase asynchronous motor, in order to better solve the problem of large torque, low vibration and low noise, the front flange and rear end cover are all made of cast iron, which can meet the operating conditions of the pump.

使用条件

环境温度：–15℃ < 40℃

海拔：不超过 1000m

额定电压：380V、400V、415V

频率：50Hz、60Hz

接法：额定功率 3kW 及以下电机为 Y 接法

额定功率 4kW 及以上电机为 Δ 接法

工作制：连续工作制（S1）

防护等级：机壳 IP54/IP55、接线盒 IP55

绝缘等级：F 级

冷却方式：IC411

OPERATING CONDITIONS

Ambient temperature：–15℃ ≤ 0 ≤ 40℃

Altitude：Not exceeding 1000m

Rated voltage：380V 400V 415V

Rated frequency：50Hz 60Hz

Connection：Star–connection for 3kw or less whereas
delta–connection for 4kw or More.

Duty：Continuous (S1)

Insulation Class：Class F

Protection Class：The main body of the motor is IP54, IP55,
but the terminal box reaches IP55.

Cooling Type：IC411

技术参数 / TECHNICAL DATE

IE3

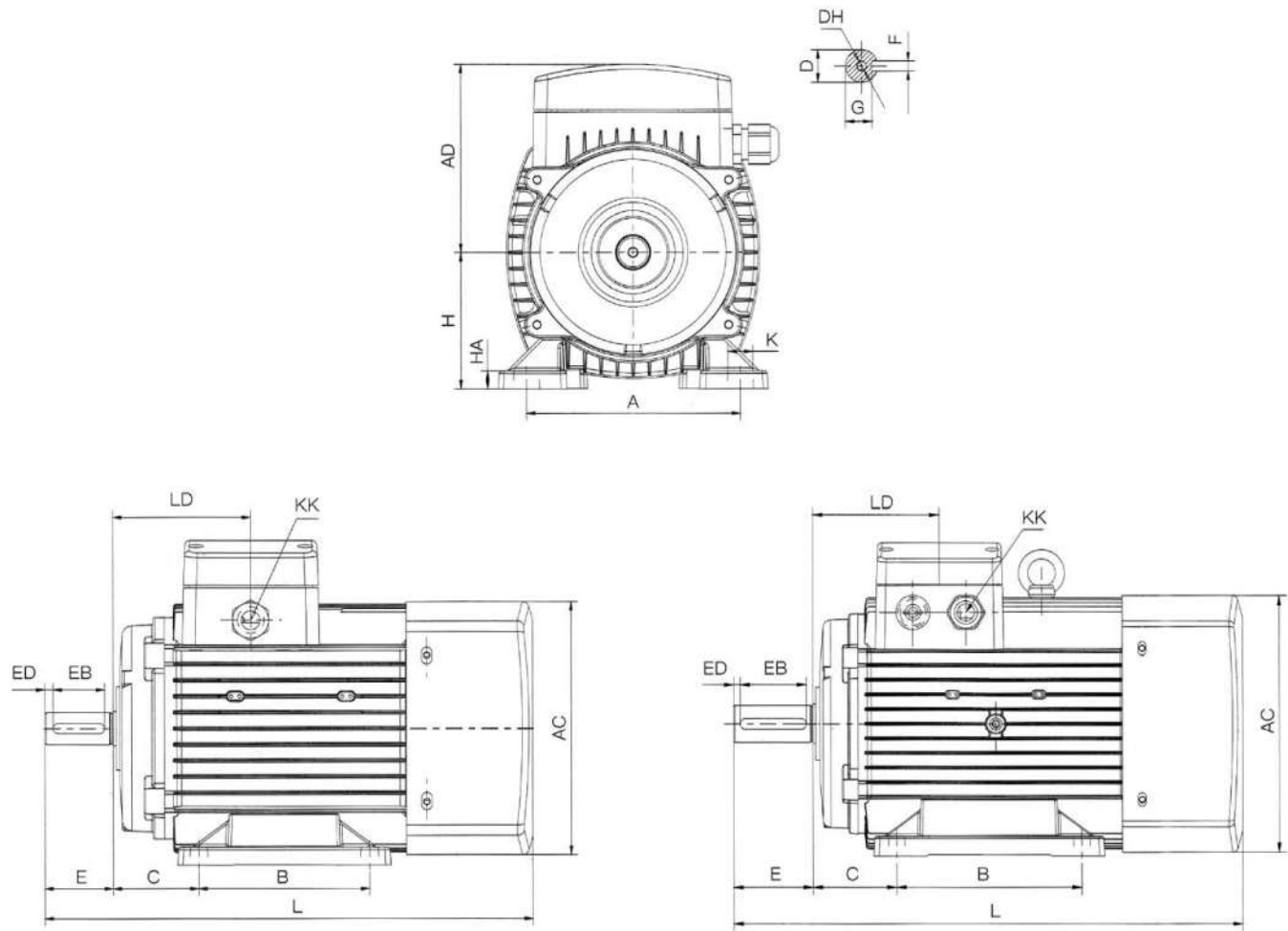
电机型号 Type No.	额定功率 Rated output		转速 Speed	额定电流 IN (A)	效率 EFF(%)	功率因素 Power factor(cos Φ)	额定转矩 Rated torque (Tn)	堵转转矩 额定转矩 TST/TFL	最大转矩 额定转矩 TM/TFL	堵转电流 额定电流 IST/TFL
	KW	HP								
同步转速 Synchronous Speed 3000 转 / 分 rpm										
YE3-71M1-2	0.37	0.5	2800	0.99	74.8	0.80	1.26	2.3	2.3	6.1
YE3-71M2-2	0.55	0.75	2800	1.4	77.2	0.82	1.87	2.2	2.3	6.3
YE3-80M1-2	0.75	1	2880	1.7	80.7	0.83	2.49	2.3	2.3	9.8
YE3-80M2-2	1.1	1.5	2880	2.43	82.7	0.83	3.65	2.3	2.3	7.3
YE3-90S-2	1.5	2	2895	3.25	84.2	0.83	4.96	2.3	2.3	7.6
YE3-90L-2	2.2	3	2895	4.57	85.9	0.85	7.26	2.3	2.3	7.8
YE3-100L-2	3	4	2895	5.94	87.1	0.88	9.9	2.3	2.3	8.1
YE3-112M-2	4	5.5	2905	7.83	88.1	0.88	13.1	2.3	2.3	8.3
YE3-132S1-2	5.5	7.5	2930	10.6	89.2	0.88	17.9	2.2	2.3	8.0
YE3-132S2-2	7.5	10	2930	14.4	90.1	0.89	24.4	2.2	2.3	7.8
YE3-160M1-2	11	15	2945	20.4	91.2	0.90	35.7	2.2	2.3	7.9
YE3-160M2-2	15	20	2945	27.2	91.9	0.91	48.6	2.2	2.3	8.0
YE3-160L-2	18.5	25	2940	34.1	92.4	0.89	60.1	2.2	2.3	8.1
同步转速 Synchronous Speed 1500 转 / 分 rpm										
YE3-71M1-4	0.25	0.37	1360	0.81	68.6	0.62	1.73	2.3	2.4	6.0
YE3-71M2-4	0.37	0.5	1360	1.14	71.2	0.62	2.54	2.3	2.4	6.0
YE3-80M1-4	0.55	0.75	1420	1.57	74.6	0.64	3.78	2.3	2.4	6.0
YE3-80M2-4	0.75	1	1420	1.86	82.5	0.74	5.04	2.3	2.3	6.3
YE3-90S-4	1.1	1.5	1445	2.68	84.1	0.74	7.27	2.3	2.3	6.5
YE3-90L-4	1.5	2	1445	3.61	85.3	0.74	9.91	2.3	2.3	6.6
YE3-100L1-4	2.2	3	1435	4.93	86.7	0.78	14.6	2.3	2.3	6.9
YE3-100L2-4	3	4	1435	6.66	87.7	0.78	20	2.3	2.3	7.5
YE3-112M-4	4	5.5	1440	8.56	88.6	0.81	26.5	2.3	2.3	7.6
YE3-132S-4	5.5	7.5	1460	11.6	89.6	0.82	36	2.0	2.3	7.7
YE3-132M-4	7.5	10	1460	15.3	90.4	0.83	49.1	2.0	2.3	7.5
YE3-160M-4	11	15	1465	22.3	91.4	0.82	71.7	2.2	2.3	7.4
YE3-160L-4	15	20	1465	30.1	92.1	0.82	97.8	2.2	2.3	7.5
同步转速 Synchronous Speed 1000 转 / 分 rpm										
YE3-711-6	0.18	0.25	855	0.65	63.9	0.66	2.01	1.9	2.0	4.0
YE3-712-6	0.25	0.37	855	0.81	68.6	0.68	2.79	1.9	2.0	4.0
YE3-801-6	0.37	0.5	890	1.09	73.5	0.70	3.97	1.9	2.0	4.7
YE3-802-6	0.55	0.75	890	1.50	77.5	0.72	5.90	1.9	2.1	4.7
YE3-90S-6	0.75	1	935	2.03	78.9	0.71	7.66	2.0	2.1	6.0
YE3-90L-6	1.1	1.5	945	2.83	91.0	0.73	11.1	2.0	2.1	6.0
YE3-100L-6	1.5	2	949	3.78	82.5	0.73	15.1	2.0	2.1	6.5
YE3-112M-6	2.2	3	955	5.36	84.3	0.74	22.0	2.0	2.1	6.6
YE3-132S-6	3	4	968	7.20	85.6	0.74	29.6	2.0	2.1	6.8
YE3-132M1-6	4	5.5	968	9.46	86.8	0.74	39.5	2.0	2.1	6.8
YE3-132M2-6	5.5	7.5	968	12.7	88.0	0.75	54.3	2.0	2.1	7.0
YE3-160M-6	7.5	10	970	16.2	89.1	0.79	73.8	2.0	2.1	7.0
YE3-160L-6	11	15	970	23.1	90.3	0.80	108.3	2.0	2.1	7.2

技术参数 / TECHNICAL DATE

IE4

电机型号 Type No.	额定功率 Rated output		转速 Speed	额定电流 I _N (A)	效率 EFF(%)	功率因素 Power factor(cos Φ)	额定转矩 Rated torque (T _n)	堵转转矩 额定转矩 T _{ST} /T _{FL}	最大转矩 额定转矩 T _M /T _{FL}	堵转电流 额定电流 I _{ST} /T _{FL}
	KW	HP								
同步转速 Synchronous Speed 3000 转 / 分 rpm										
YE4-711-2	0.37	0.5	2765	0.89	76.5	0.81	1.28	2.2	2.2	6.1
YE4-712-2	0.55	0.75	2765	1.25	79.9	0.82	1.90	2.3	2.3	6.1
YE4-801-2	0.75	1	2910	1.66	81.8	0.82	2.46	2.3	2.3	7.0
YE4-802-2	1.1	1.5	2920	2.36	83.5	0.83	3.60	2.2	2.3	7.3
YE4-90S-2	1.5	2	2930	3.14	84.8	0.84	4.89	2.2	2.3	7.6
YE4-90L-2	2.2	3	2930	4.47	86.2	0.85	7.17	2.2	2.3	7.6
YE4-100L-2	3	4	2935	5.88	87.3	0.87	9.76	2.2	2.3	7.8
YE4-112M-2	4	5.5	2940	7.67	88.2	0.88	13.0	2.2	2.3	8.3
YE4-132S1-2	5.5	7.5	2945	10.4	89.1	0.88	17.8	2.0	2.3	8.3
YE4-132S2-2	7.5	10	2950	14.1	89.9	0.88	24.3	2.0	2.3	7.9
YE4-160M1-2	11	15	2960	20.3	90.7	0.89	35.5	2.0	2.3	8.1
YE4-160M2-2	15	20	2960	27.4	91.4	0.89	48.4	2.0	2.3	8.1
YE4-160L-2	18.5	25	2960	33.7	91.8	0.89	59.7	2.0	2.3	8.2
同步转速 Synchronous Speed 1500 转 / 分 rpm										
YE4-711-4	0.25	0.37	1355	0.66	77.9	0.74	1.76	2.1	2.2	5.2
YE4-712-4	0.37	0.5	1355	0.92	81.1	0.75	2.61	2.1	2.2	5.2
YE4-801-4	0.55	0.75	1420	1.33	83.9	0.75	3.70	2.4	2.3	5.2
YE4-802-4	0.75	1	1430	1.77	85.7	0.75	5.01	2.3	2.3	6.6
YE4-90S-4	1.1	1.5	1445	2.52	87.2	0.76	7.27	2.3	2.3	6.8
YE4-90L-4	1.5	2	1450	3.36	88.2	0.77	9.88	2.3	2.3	7.0
YE4-100L1-4	2.2	3	1455	4.61	89.5	0.81	14.4	2.3	2.3	7.6
YE4-100L2-4	3	4	1455	6.15	90.4	0.82	19.7	2.3	2.3	7.6
YE4-112M-4	4	5.5	1460	8.14	91.1	0.82	26.2	2.2	2.3	7.8
YE4-132S-4	5.5	7.5	1470	11.0	91.9	0.83	35.7	2.0	2.3	7.9
YE4-132M-4	7.5	10	1470	14.6	92.6	0.84	48.7	2.0	2.3	7.5
YE4-160M-4	11	15	1475	21.1	93.3	0.85	71.2	2.2	2.3	7.7
YE4-160L-4	15	20	1475	28.2	93.9	0.86	97.1	2.2	2.3	7.8
同步转速 Synchronous Speed 1000 转 / 分 rpm										
YE4-711-6	0.18	0.25	860	0.59	70.1	0.66	2.00	1.9	2.0	4.0
YE4-712-6	0.25	0.37	860	0.75	74.1	0.68	2.78	1.9	2.0	4.0
YE4-801-6	0.37	0.5	895	1.03	78.0	0.70	3.95	1.9	2.0	4.7
YE4-802-6	0.55	0.75	895	1.43	80.9	0.72	5.87	1.9	2.1	4.7
YE4-90S-6	0.75	1	950	1.94	82.7	0.71	7.54	2.0	2.1	6.0
YE4-90L-6	1.1	1.5	955	2.71	84.5	0.73	11.0	2.0	2.1	6.0
YE4-100L-6	1.5	2	960	3.63	85.9	0.73	14.9	2.0	2.1	6.5
YE4-112M-6	2.2	3	965	5.17	87.4	0.74	21.8	2.0	2.1	6.6
YE4-132S-6	3	4	970	6.95	88.6	0.74	29.5	2.0	2.1	6.8
YE4-132M1-6	4	5.5	975	9.18	89.5	0.74	39.2	2.0	2.1	6.8
YE4-132M2-6	5.5	7.5	975	12.3	90.5	0.75	53.9	2.0	2.1	7.0
YE4-160M-6	7.5	10	980	15.8	91.3	0.79	73.1	2.0	2.1	7.0
YE4-160L-6	11	15	980	22.6	92.3	0.80	107.2	2.0	2.1	7.2

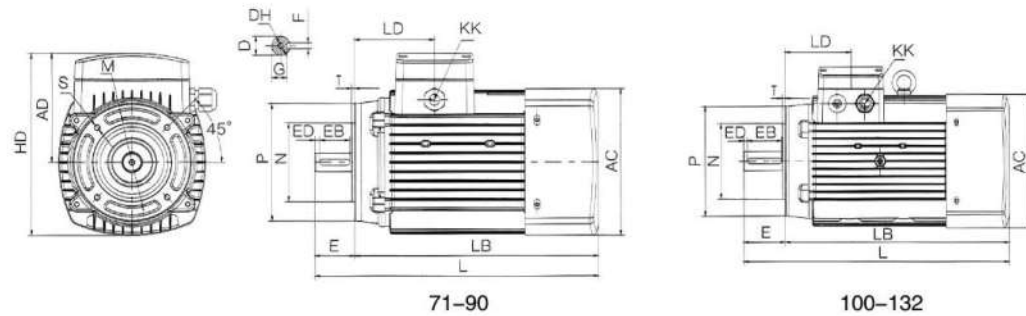
YE3/YE4 系列方型款铝壳电机外形及安装尺寸
B3 H71-160



型号	A	AC	AD	B	C	D	DH	E	EB	ED	F	G	H	HA	K	KK	L	LD
71	112	139	105	90	45	14	M5X12	30	25	2.5	5	11	71	10	7X10	1-M18X1.5	255	79.5
80	125	148	110	100	50	19	M6X16	40	30	5	6	15.5	80	11	10X14	1-M18X1.5	286	80.5
90S	140	169	125	100	56	24	M8X19	50	40	5	8	20	90	12	10X14	2-M22X1.5	310	89
90L	140	169	125	125	56	24	M8X19	50	40	5	8	20	90	12	10X14	2-M22X1.5	330	89
100L	160	194	137	140	63	28	M10X22	60	50	5	8	24	100	15	12X16	2-M22X1.5	384	95.5
112M	190	218	157	140	70	28	M10X22	60	50	5	8	24	112	15	12X16	2-M25X1.5	395	101
132S	216	254	175	140	89	38	M12X28	80	65	7.5	10	33	132	16	13X16	2-M25X1.5	458	110
132M	216	254	175	178	89	38	M12X28	80	65	7.5	10	33	132	16	13X16	2-M25X1.5	514	110
160M	253	315	196	210	110	42	M16X36	110	90	10	12	37	160	21	16X18	2-M30X1.5	602	176
160L	253	315	196	254	110	42	M16X36	110	90	10	12	37	160	21	16X18	2-M30X1.5	644	176

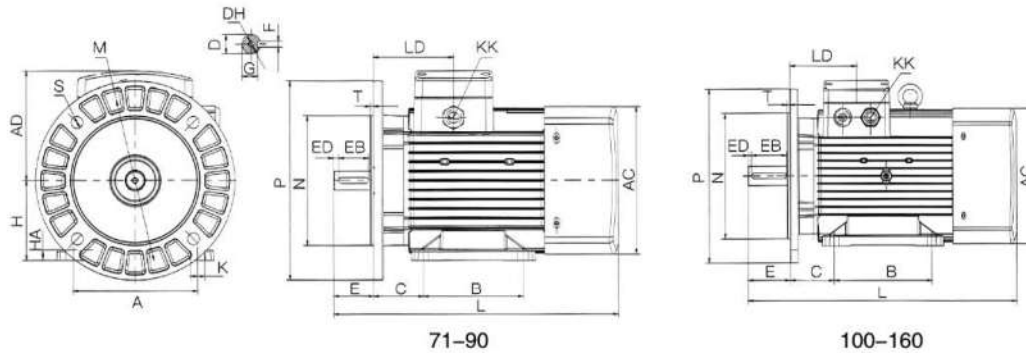
YE3/YE4 系列方型款铝壳电机外形及安装尺寸

B14 H71-160



型号	A	AC	AD	B	C	D	DH	E	EB	ED	F	G	H	HA	K	KK	L	LD
71	112	139	105	90	45	14	M5X12	30	25	2.5	5	11	71	10	7X10	1-M18X1.5	255	79.5
80	125	148	110	100	50	19	M6X16	40	30	5	6	15.5	80	11	10X14	1-M18X1.5	286	80.5
90S	140	169	125	100	56	24	M8X19	50	40	5	8	20	90	12	10X14	2-M22X1.5	310	89
90L	140	169	125	125	56	24	M8X19	50	40	5	8	20	90	12	10X14	2-M22X1.5	330	89
100L	160	194	137	140	63	28	M10X22	60	50	5	8	24	100	15	12X16	2-M22X1.5	384	95.5
112M	190	218	157	140	70	28	M10X22	60	50	5	8	24	112	15	12X16	2-M25X1.5	395	101
132S	216	254	175	140	89	38	M12X28	80	65	7.5	10	33	132	16	13X16	2-M25X1.5	458	110
132M	216	254	175	178	89	38	M12X28	80	65	7.5	10	33	132	16	13X16	2-M25X1.5	514	110
160M	253	315	196	210	110	42	M16X36	110	90	10	12	37	160	21	16X18	2-M30X1.5	602	176
160L	253	315	196	254	110	42	M16X36	110	90	10	12	37	160	21	16X18	2-M30X1.5	644	176

B3/B35 H71-160



型号	极数	A	AC	AD	B	C	D	DH	E	EB	ED	F	G	H	HA	KK	L	LD	M	N	P	S	T
71	2/4	112	139	105	90	45	14	M5X12	30	25	2.5	5	11	71	10	1-M18X1.5	255	79.5	130	110	160	10	3
80	2/4	125	148	110	100	50	19	M6X16	40	30	5	6	15.5	80	11	1-M18X1.5	286	80.5	165	130	200	12	3
90S	2/4	140	169	125	100	56	24	M8X19	50	40	5	8	20	90	12	2-M22X1.5	310	89	165	130	200	12	3
90L	2/4	140	169	125	125	56	24	M8X19	50	40	5	8	20	90	12	2-M22X1.5	330	89	165	130	200	12	3
100L	2/4	160	194	137	140	63	28	M10X22	60	50	5	8	24	100	15	2-M22X1.5	384	95.5	215	180	250	15	4
112M	2/4	190	218	157	140	70	28	M10X22	60	50	5	8	24	112	15	2-M25X1.5	395	101	215	180	250	15	4
132S	2/4	216	254	175	140	89	38	M12X28	80	65	7.5	10	33	132	16	2-M25X1.5	458	110	265	230	300	15	4
132M	2/4	216	254	175	178	89	38	M12X28	80	65	7.5	10	33	132	16	2-M25X1.5	514	110	265	230	300	15	4
160M	2/4	254	311	241	210	108	42	M16X36	110	90	10	12	37	160	21	2-M30X1.5	612	151	300	250	350	18.5	5
160L	2/4	254	311	241	254	108	42	M16X36	110	90	10	12	37	160	21	2-M30X1.5	656	150	300	250	350	18.5	

YD 系列变极多速三相异步电动机

YD SERIES POLE-CHANGING MULTI-SPEED THREE PHASE ASYNCHRONOUS ELECTRIC MOTOR



产品概述

YD 系列变极多速三相电动机是我国统一设计的 Y2 系列电动机的派生系列之一，具有性能优良，外形美观，与国外同类产品有较好的互换性等优点。防护等级为 IP44。

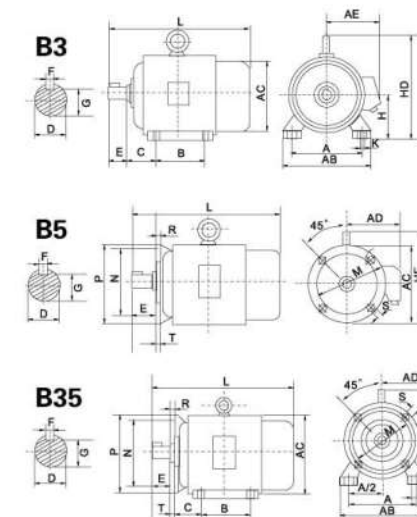
本电机有二速、三速、四速三种类型，其转速可逐级变换。适用于机械、矿山、冶金、纺织、印染、化工、农械等需要分级变速的设备上，也可简化或代替机械传动中的齿轮减速箱。

本系列的外形及安装尺寸与 Y2 系列相同。

PRODUCT OVERVIEW

YD series three-phase multi-speed induction motors are one of the derived series of Y2 series induction motors of our national uniform design, it have following features: excellent performance, attractive appearance and good interchangeability for the same kind of products abroad. The protection class IP44.

The motors are designed in three types: double speed, three speed and four speed. These speed rates can be changed in stages. The motors are widely used on applications in the equipments where the changed rates in stages are needed, such as mechanism, mine, metallurgy, textiles, printing and dyeing, chemical industry, agricultural etc. They can also simplify or take the place of reducing gearbox in the mechanical drive lines.



安装尺寸 / OVERALL & INSTALLTION DIEMSIONS

机座号 Frame size	安装尺寸 Mounting Dimensions(mm)																外形尺寸 Overall Dimensions(mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L	
YD80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	175	150	175	290	
YD90S	140	100	56	24	50	8	20.0	90	10	165	130	200	0	12	3.5	180	195	160	195	315	
YD90L	140	125	56	24	50	8	20.0	90	10	165	130	200	0	12	3.5	180	195	160	195	340	
YD100L	160	140	70	28	60	8	24.0	100	12	215	180	250	0	15	4.0	205	215	180	245	380	
YD112M	190	140	70	28	60	8	24.0	112	12	215	180	250	0	15	4.0	245	240	190	265	400	
YD132S	216	140	89	38	80	10	33.0	132	12	265	230	300	0	15	4.0	280	275	210	315	475	
YD132M	216	178	89	38	80	10	33.0	132	12	265	230	300	0	15	4.0	280	275	210	315	515	
YD160M	254	210	108	42	10	12	37.0	160	15	300	250	350	0	19	5.0	325	325	255	385	600	
YD160L	254	254	108	42	110	12	37.0	160	15	300	250	350	0	19	5.0	325	325	255	385	645	
YD180M	279	241	121	48	110	14	42.0	180	15	300	250	350	0	19	5.0	355	360	285	430	670	
YD180L	279	279	121	48	110	14	42.0	180	15	300	250	350	0	19	5.0	355	360	282	430	710	
YD200L	318	305	133	55	110	16	49.0	200	19	350	300	400	0	19	5.0	395	400	310	475	775	
YD225S	356	286	149	60	140	18	53.0	225	19	400	350	450	0	19	5.0	435	470	345	520	820	
YD225M	356	311	149	60	140	18	53.0	225	19	400	350	450	0	19	5.0	435	515	345	520	845	
YD250M	406	349	168	65	140	18	58.0	250	24	500	450	550	0	19	5.0	490	515	385	575	930	

技术参数 / TECHNICAL DATE

机座号 Frame size		转速 Speed (r/min)	功率 Output (kW)	电流 Current (A)	效率 Eff (%)	功率因素 Power Factor (%)	堵转电流 额定电流 Ist/In	堵转转矩 额定转矩 Tstart/Tn	最大转矩 额定转矩 Tmax/Tn
YD801	4	1420	0.45	1.4	66	0.74	6.5	1.5	1.8
	2	2860	0.55	1.5	65	0.85	7	1.6	1.8
YD802	4	1420	0.55	1.7	68	0.74	6.5	1.5	1.8
	2	2860	0.75	2.0	66	0.85	7	1.6	1.8
YD90S	4	1430	0.85	2.3	74	0.77	6.5	1.5	1.8
	2	2850	1.1	2.8	73	0.84	7	1.6	1.8
YD90L	4	1430	1.3	3.3	76	0.78	6.5	1.5	1.8
	2	2850	1.8	4.3	74	0.84	7	1.6	1.8
YD100L1	4	1430	2	4.8	78	0.81	6.5	1.5	1.8
	2	2850	2.4	5.6	76	0.86	7	1.6	1.8
YD100L2	4	1430	2.4	5.6	79	0.83	6.5	1.5	1.8
	2	2850	3	6.7	77	0.89	7	1.6	1.8
YD112M	4	1450	3.3	7.4	81	0.83	6.5	1.5	1.8
	2	2860	4	8.6	80	0.88	7	1.6	1.8
YD132S	4	1450	4.5	9.8	83	0.84	6.5	1.5	1.8
	2	2860	5.5	11.9	79	0.88	7	1.6	1.8
YD132M	4	1450	6.5	13.8	84	0.85	6.5	1.5	1.8
	2	2880	8	17.1	80	0.89	7	1.6	1.8
YD160M	4	1460	9	18.5	87	0.85	6.5	1.5	1.8
	2	2920	11	22.9	82	0.89	7	1.6	1.8
YD160L	4	1460	11	22.3	87	0.86	6.5	1.5	1.8
	2	2920	14	28.8	82	0.90	7	1.6	1.8
YD180M	4	1470	15	29.4	89	0.87	6.5	1.5	1.8
	2	2940	18.5	36.7	85	0.90	7	1.6	1.8
YD180L	4	1470	18.5	35.9	89	0.88	6.5	1.5	1.8
	2	2940	22	42.7	86	0.91	7	1.6	1.8
YD200L	4	1470	26	49.9	89	0.89	6.5	1.4	1.8
	2	2950	30	58.3	85	0.92	7	1.4	1.8
YD225S	4	1480	32	60.7	90	0.89	6.5	1.4	1.8
	2	2960	37	71.7	86	0.92	7	1.4	1.8
YD225M	4	1480	37	69.4	91	0.89	6.5	1.4	1.8
	2	2960	45	86.4	87	0.92	7	1.4	1.8
YD250M	4	1480	45	84.4	91	0.89	6.5	1.4	1.8
	2	2960	55	103.2	88	0.92	7	1.4	1.8
YD280S	4	1480	60	111.3	91	0.90	6.5	1.4	1.8
	2	2970	72	135.1	88	0.92	7	1.4	1.8
YD280M	4	1480	72	133.6	91	0.90	6.5	1.4	1.8
	2	2970	82	152.2	88	0.93	7	1.4	1.8
YD90S	6	920	0.65	2.2	64	0.70	6	1.4	1.8
	4	1420	0.85	2.3	70	0.79	6.5	1.3	1.8
YD90L	6	930	0.85	2.8	66	0.70	6	1.4	1.8
	4	1420	1.1	3.0	71	0.79	6.5	1.3	1.8
YD100L1	6	940	1.3	3.8	74	0.70	6	1.4	1.8
	4	1440	1.8	4.4	77	0.80	6.5	1.3	1.8
YD100L2	6	940	1.5	4.3	75	0.70	6	1.4	1.8
	4	1440	2.2	5.4	77	0.80	6.5	1.4	1.8
YD112M	6	960	2.2	5.7	77	0.75	6	1.4	1.8
	4	1440	2.8	6.7	77	0.82	6.5	1.3	1.8
YD132S	6	960	3	7.7	79	0.70	6	1.4	1.8
	4	1440	4	9.5	80	0.82	6.5	1.3	1.8
YD132M	6	960	4	9.8	81	0.76	6	1.4	1.8
	4	1440	5.5	12.3	80	0.85	6.5	1.3	1.8
YD160M	6	970	6.5	15.1	84	0.78	6	1.4	1.8
	4	1460	8	17.4	83	0.85	6.5	1.3	1.8
YD160L	6	970	9	20.6	85	0.78	6	1.4	1.8
	4	1460	11	23.4	84	0.85	6.5	1.3	1.8
YD180M	6	980	11	25.9	85	0.78	6	1.4	1.8
	4	1470	14	29.8	85	0.85	6.5	1.3	1.8
YD180L	6	980	13	29.4	86	0.78	6	1.4	1.8
	4	1460	16	33.6	85	0.85	6.5	1.3	1.8
YD200L	6	980	18.5	41.4	87	0.78		1.4	1.8
	4	1460	22	44.7	87	0.86	6.5	1.3	1.8
YD225S	6	980	22	44.2	88	0.86	6.5	1.4	1.8
	4	1470	28	56.2	87	0.87	7	1.3	1.8
YD225M	6	980	26	52.2	88	0.86	6.5	1.4	1.8
	4	1470	34	66.0	87	0.90	7	1.3	1.8
YD250M	6	980	32	62.1	90	0.87	6.5	1.4	1.8
	4	1470	42	74.7	88	0.91	7	1.3	1.8
YD280S	6	980	42	81.5	90	0.87	6.5	1.4	1.8
	4	1480	55	104.2	89	0.90	7	1.3	1.8
YD280M	6	680	55	106.7	90	0.87	6.5	1.4	1.8
	4	1420	72	138.1	89	0.89	7	1.3	1.8
YD90L	8	700	0.45	1.9	58	0.63	5.5	1.5	1.8
	4	1420	0.75	1.92	72	0.87	6.5	1.5	1.8
YD100L	8	700	0.85	3.1	68	0.63	5.5	1.5	1.8
	4	1420	1.5	3.5	75	0.88	6.5	1.5	1.8
YD112M	8	700	1.5	5.0	72	0.63	5.5	1.5	1.8
	4	1420	2.4	5.3	78	0.88	6.5	1.5	1.8
YD132S	8	720	2.2	7.0	75	0.64	5.5	1.5	1.8
	4	1440	3.3	7.1	80	0.88	6.5	1.5	1.8

技术参数 / TECHNICAL DATE

机座号 Frame size		转速 Speed (r/min)	功率 Output (kW)	电流 Speed (A)	效率 Eff (%)	功率因素 Power Factor (%)	堵转电流 额定电流 Ist/In	堵转转矩 额定转矩 Tstart/Tn	最大转矩 额定转矩 Tmax/Tn
YD132M	8	720	3	9.0	78	0.65	5.5	1.5	1.8
	4	1440	4.5	9.4	82	0.88	6.5	1.5	1.8
YD160M	8	730	5	13.9	83	0.66	5.5	1.5	1.8
	4	1450	7.5	15.2	84	0.89	6.5	1.5	1.8
YD160L	8	730	7	19.0	85	0.66	5.5	1.5	1.8
	4	1450	11	21.8	86	0.89	6.5	1.5	1.8
YD180L	8	730	11	26.0	86	0.74	6	1.5	1.8
	4	1470	17	31.5	87	0.92	7	1.5	1.8
YD200L1	8	740	14	33.0	86	0.74	6	1.5	1.8
	4	1470	22	41.3	88	0.92	7	1.5	1.8
YD200L2	8	740	17	40.1	87	0.74	6	1.5	1.8
	4	1470	26	48.8	88	0.92	7	1.5	1.8
YD225M	8	740	24	53.2	89	0.77	6	1.4	1.8
	4	1480	34	66.7	88	0.88	7	1.3	1.8
YD250M	8	740	30	64.9	90	0.78	6	1.4	1.8
	4	1480	42	78.8	89	0.91	7	1.3	1.8
YD280S	8	740	40	83.5	91	0.80	6	1.4	1.8
	4	1480	55	102	90	0.91	7	1.3	1.8
YD280M	8	680	47	96.9	91	0.81	6	1.4	1.8
	4	930	67	122.9	90	0.92	7	1.3	1.8
YD90S	8	680	0.35	1.6	56	0.60	5	1.4	1.8
	6	930	0.45	1.4	70	0.72	6	1.3	1.8
YD90L	8	710	0.45	1.9	59	0.60	5	1.5	1.8
	6	950	0.65	1.9	71	0.73	6	1.5	1.8
YD100L	8	710	0.75	2.9	65	0.60	5	1.5	1.8
	6	950	1.1	3.1	75	0.73	6	1.5	1.8
YD112M	8	710	1.3	4.5	72	0.61	5	1.5	1.8
	6	950	1.8	4.8	78	0.73	6	1.5	1.8
YD132S	8	730	1.8	5.8	75	0.62	5	1.5	1.8
	6	970	2.4	6.2	80	0.73	6	1.5	1.8
YD132M	8	730	2.6	8.2	78	0.62	5	1.5	1.8
	6	970	3.7	9.4	82	0.73	6	1.5	1.8
YD160M	8	930	4.5	13.3	83	0.62	5	1.5	1.8
	6	980	6	14.7	85	0.73	6	1.5	1.8
YD160L	8	930	6	17.5	84	0.62	5	1.5	1.8
	6	980	8	19.4	86	0.73	6	1.5	1.8
YD180M	8	930	7.5	21.9	84	0.62	5	1.5	1.8
	6	980	10	24.2	86	0.73	6	1.5	1.8
YD180L	8	730	9	24.8	85	0.65	5	1.5	1.8
	6	980	12	28.3	86	0.75	6	1.5	1.8
YD200L1	8	730	12	32.5	86	0.65	5	1.5	1.8
	6	980	17	39.1	87	0.76	6	1.5	1.8
YD200L2	8	730	15	40.3	87	0.65	5	1.5	1.8
	6	980	20	45.4	88	0.76	6	1.5	1.8
YD100L	6/4/2	940/1420/ 2880	0.75/1.3/1.8	2.62/3.66/ 4.53	67/72/71	0.65/0.75/ 0.85	5.5/6/7	1.8/1.6/1.6	1.8/1.8/1.8
YD112M	6/4/2	940/1440/ 2890	1.1/2/2.4	3.52/5.14/ 5.80	73/74/74	0.65/0.81/ 0.85	5.5/6/7	1.7/1.4/1.6	1.8/1.8/1.8
YD132S	6/4/2	940/1440/ 2900	1.8/2.6/3	5.14/6.10/ 7.38	75/78/71	0.71/0.83/ 0.87	5.5/6/7	1.4/1.3/1.7	1.8/1.8/1.8
YD132M1	6/4/2	940/1440/ 2900	2.2/3.3/4	6.03/7.46/ 8.79	77/80/76	0.72/0.84/ 0.91	5.5/6/7	1.3/1.3/1.7	1.8/1.8/1.8
YD132M2	6/4/2	940/1440/ 2900	2.6/4/5	6.86/9.04/ 10.8	80/80/77	0.72/0.84/ 0.91	5.5/6/7	1.5/1.4/1.7	1.8/1.8/1.8
YD160M	6/4/2	940/1440/ 2900	3.7/5/6	9.52/11.2/ 13.2	81/81/76	0.72/0.84/ 0.91	5.5/6/7	1.5/1.3/1.4	1.8/1.8/1.8
YD160L	6/4/2	970/1490/ 2930	4.5/7/9	11.4/15.1/ 18.8	83/83/79	0.72/0.85/ 0.92	5.5/6/7	1.5/1.2/1.3	1.8/1.8/1.8
YD112M	6/4/2	910/1460/ 2930	0.65/2/2.4	2.66/5.14/ 5.80	59/74/74	0.63/0.81/ 0.85	4.5/6/7	1.4/1.3/1.2	1.8/1.8/1.8
YD132S	8/4/2	710/1440/ 2900	1/2.6/3	3.16/6.10/ 7.08	69/78/74	0.61/0.83/ 0.87	4.5/6/7	1.4/1.2/1.4	1.8/1.8/1.8
YD132M	8/4/2	710/1440/ 2900	1.3/3.7/4.5	4.56/8.37/ 10.0	71/80/75	0.61/0.84/ 0.91	4.5/6/7	1.5/1.3/1.4	1.8/1.8/1.8
YD160M	8/4/2	710/1440/ 2900	2.2/5/6	7.55/11.2/ 13.2	75/81/76	0.59/0.84/ 0.91	4.5/6/7	1.4/1.3/1.4	1.8/1.8/1.8
YD160L	8/4/2	720/1460/ 2930	2.8/7/9	9.21/15.10/ 18.80	77/83/79	0.60/0.85/ 0.92	5.5/6.5/7	1.3/1.2/1.3	1.8/1.8/1.8
YD112M	8/4/2	710/940/ 1400	0.85/1/1.5	3.72/3.06/ 3.53	62/68/75	0.56/0.73/ 0.86	5.5/6.5/7	1.4/1.2/1.4	1.8/1.8/1.8
YD132S	8/6/4	710/940/ 1440	1.1/1.5/1.8	4.10/4.22/ 4.03	68/74/78	0.60/0.73/ 0.87	5.5/6.5/7	1.4/1.3/1.3	1.8/1.8/1.8
YD132M1	8/6/4	710/940/ 1440	1.5/2/2.2	5.18/5.41/ 4.87	71/77/79	0.62/0.73/ 0.87	5.5/6.5/7	1.3/1.5/1.4	1.8/1.8/1.8
YD132M2	8/6/4	710/940/ 1440	1.8/2.6/3	6.13/6.84/ 6.55	72/78/80	0.62/0.74/ 0.87	5.5/6.5/7	1.5/1.5/1.5	1.8/1.8/1.8
YD160M	8/6/4	720/970/ 1460	3.3/4/5.5	10.2/9.87/ 11.6	79/81/83	0.62/0.76/ 0.87	5.5/6.5/7	1.7/1.4/1.5	1.8/1.8/1.8
YD160L	8/6/4	720/970/ 1460	4.5/6/7.5	13.8/14.5/ 15.6	80/83/84	0.62/0.76/ 0.87	5.5/6.5/7	1.6/1.6/1.5	1.8/1.8/1.8

YDT 系列变极多速三相异步电动机

YDT SERIES POLE-CHANGING MULTI-SPEED THREE PHASE
ASYNCHRONOUS ELECTRIC MOTOR

产品概述

YDT 系列电机转为风机、泵类负载配套用变极多速三相异步电动机，是 Y 系列电机的派生产品。

该系列电机设计新颖，按风机、泵类负载为二次方递减转矩特性：电机功率与转速三次方成正比，转矩与转速的平方成正比关系，根据转速配套要求，合理匹配相应的功率，从而节省大量的能源，堪称风机负载类型的理想动力。广泛运用于冶金、矿山、纺织、印染、化工、轻工、建筑及民用设施等部门。

YDT 系列电机安装尺寸与 Y 系列电机相同，防护等级为 IP44。具有高效、节能、噪音低、绝缘性能好、运行可靠、维修方便等优点。

YDT 系列电机符合国际 IEC 标准，主要技术招标达到国内外同类产品的先进水平。

本公司 YDT 系列电机按 JB/T8681-1998 标准生产。

PRODUCT OVERVIEW

Among series YDT motors, the pole-and speed-changing 3-phase asynchronous motor specially matched for the load of fanblowers or pumps is an outgrowth from series Y motors.

The series motors are novel in design their rotational speed will decrease by degrees of quadratic relation with the increase in the load of fanblowers or pumps, their torque properties: the power of motor is directly proportional to the square of rotational speed. Due to it that they can reasonably match the corresponding power according to the complementary requirement of rotational speed, they can save a lot of energy, therefore may be rated as an ideal dynamic force for the fanblowers of load type they are widely used in metallurgy, mining, textile, dyeing, chemical industry, light industry, architecture, civil facilities and other departments virtues of high efficiency, saving energy, low noise, little vibration, fine isolation reliable operation easy maintenance, etc.

Series YDT motors conform to the international standards of IEC, Their main qualifications have reached the advanced standard among the same products both at home and abroad.

This company produces series YDT motors strictly according to the standards of JB/T8681-1998.

使用条件

Y 异步电动机
D 多速
T 风机、泵类负载
250 机座中心高
M 机座代号 S-短、M-中、L-长
-6/8 极数

OPERATING CONDITIONS

Y Asynchronous motor
D Speed
T Load of fanblowers or pumps
250 Frame size
M Frame no. S-Short、M-Medium、L-Long
-6/8 Poles

使用条件 / SERVICE CONDITION

- 1、环境温度：随季节而变化，但不超过40℃。
- 2、海拔：不超过1000米。
- 3、额定频率为50赫兹。
- 4、额定电压380伏。
- 5、工作方法：连续（S1）
- 6、起动方式：满压直接起动。

- 1、Ambient temperature: to be altered with the change of seasons but do not exceed 40℃
- 2、Altitude: to be used lower than 1,000 meters above sea level.
- 3、Rated frequency: 50 HZ
- 4、Rated voltage: 380 V
- 5、Duty: continuous (S1)
- 6、Method of starting: can be started directly on full voltage for all sizes of motors.

引出线标志 / DESIGNATION FOR LEADING-OUT WIRE

HIGH SPEED 高速	MIDDLE SPEED 中速	LOW SPEED 低速	APPLICABLE TYPE (POLE NUMBERS 适合类型号(极数))
380V ○W ₂ ○U ₂ ○V ₂ ○U ₁ ○V ₁ ○W ₁		380V ○W ₂ ○U ₂ ○V ₂ ○U ₁ ○V ₁ ○W ₁	6/8 4/6
U ₁ V ₁ W ₁ ○U ₂ ○V ₂ ○W ₂		○U ₁ ○V ₁ ○W ₁ ○U ₂ ○V ₂ ○W ₂	2/4 4/8
U ₁ V ₁ W ₁ ○U ₂ ○V ₂ ○W ₂ ○U ₃ ○V ₃ ○W ₃	○U ₂ ○V ₂ ○W ₂ ○U ₁ ○V ₁ ○W ₁ ○U ₃ ○V ₃ ○W ₃	○U ₂ ○V ₂ ○W ₂ ○U ₁ ○V ₁ ○W ₁ ○U ₃ ○V ₃ ○W ₃	4/6/8

接法及出现端子 / COMPANION FLANGE AND LEADING-OUT TERMINAL

VELOCITY RATIO 速比	SYNCHRONOUS SPEED 同步转速				
	1500/1000	1000/750	3000/1500	1500/750	1500/1000/750
CONNECTION 接法	Y/Y	Y/Y	2Y/Y	2Y/Y	2Y/Y/Y
TERMINAL 出线端子	6	6	6	6	9

技术参数 / TECHNICAL DATE

Type 型号	Output 功率 (KW)	Current 电流 (A)	Speed 转速 (r/min)	Efficiency 效率 (%)	powerFactor 功率因数 (COSΦ)	Noiselevel DB 噪音 (A)	Locked torque Rated torque TST/TFL	Locked current Rated current IST/TFL
YDT80M ₁ -2/4	0.75/0.17	1.9/0.7	2850/1410	68.0/58.0	0.82/0.60	79	2.0/1.4	7.5/5.5
YDT80M ₂ -2/4	0.95/0.25	2.4/0.9	2850/1410	70.0/64.0	0.81/0.65	79	2.0/1.4	7.5/5.5
YDT90S-2/4	1.40/0.30	3.5/0.9	2810/1430	71.0/70.0	0.82/0.72	79	2.0/1.4	7.5/5.5
YDT90L-2/4	1.90/0.40	4.3/1.1	2810/1430	75.0/72.0	0.86/0.73	83	2.0/1.4	7.5/5.5
YDT100L ₁ -2/4	2.50/0.65	5.3/1.8	2890/1420	82.0/74.0	0.87/0.72	83	2.0/1.4	7.5/5.5
YDT100L ₂ -2/4	3.10/0.80	6.4/2.2	2890/1420	82.0/76.0	0.87/0.72	87	2.0/1.4	7.5/5.5
YDT112M-2/4	4.40/1.10	9.2/2.5	2875/1440	82.0/80.0	0.88/0.74	87	2.0/1.4	7.5/5.5
YDT132S-2/4	5.90/1.40	11.7/3.5	2910/1450	83.0/80.0	0.91/0.74	87	1.9/1.3	7.5/5.5
YDT132M-2/4	8.00/2.00	15.3/4.7	2910/1450	85.0/83.0	0.91/0.77	91	1.9/1.3	7.5/5.5
YDT160M-2/4	12.50/2.80	24.1/6.6	2930/1460	86.0/85.0	0.91/0.75	91	1.9/1.3	7.5/5.5
YDT160L-2/4	16.50/3.80	31.0/8.7	2930/1460	87.0/86.0	0.91/0.76	95	1.9/1.3	7.5/5.5
YDT90S-4/6	1.10/0.32	2.9/1.1	1400/930	70.0/63.0	0.78/0.66	95	1.8/1.6	7.0/6.0
YDT90L-4/6	1.40/0.45	3.5/1.5	1400/930	72.0/68.0	0.81/0.66	75	1.8/1.6	7.0/6.0
YDT100L ₁ -4/6	2.20/0.70	5.3/2.2	1430/945	80.0/73.0	0.79/0.66	75	1.8/1.6	7.0/6.0
YDT100L ₂ -4/6	2.50/0.90	6.0/2.9	1430/945	81.0/74.0	0.78/0.67	78	1.8/1.6	7.0/6.0
YDT112M-4/6	3.20/1.10	7.1/3.1	1440/955	82.0/78.0	0.82/0.68	78	1.8/1.6	7.0/6.0
YDT132S-4/6	4.70/1.50	10.0/4.1	1450/970	84.0/81.0	0.83/0.68	82	1.8/1.6	7.0/6.0
YDT132M-4/6	6.70/2.20	13.8/5.7	1450/970	85.0/83.0	0.85/0.69	82	1.8/1.6	7.0/6.0
YDT160M-4/6	9.50/3.10	19.3/8.0	1455/975	87.0/83.0	0.84/0.69	82	1.8/1.6	7.5/7.0
YDT160L-4/6	12.00/4.00	24.4/10.0	1455/975	88.0/83.0	0.84/0.69	86	1.8/1.6	7.5/7.0
YDT180M-4/6	15.50/5.10	29.0/11.5	1460/980	87.0/81.0	0.84/0.72	86	1.5/1.5	7.5/7.0
YDT180L-4/6	18.50/6.20	34.3/13.9	1460/980	87.0/81.0	0.85/0.74	90	1.5/1.5	7.5/7.0
YDT200L-4/6	26.00/8.70	48.2/19.1	1465/980	88.0/83.0	0.85/0.77	90	1.5/1.5	7.5/7.0
YDT225S-4/6	33.00/11.00	60.7/24.2	1470/980	89.0/84.0	0.86/0.84	92	1.5/1.5	7.5/7.0
YDT225M-4/6	39.00/13.00	71.3/27.3	1470/980	90.0/85.0	0.86/0.85	92	1.5/1.5	7.5/7.0
YDT250M-4/6	47.00/16.00	84.2/32.3	1475/985	90.0/85.0	0.89/0.87	92	1.5/1.5	7.5/7.0
YDT280S-4/6	55.00/18.50	99.6/37.3	1480/985	90.0/85.0	0.88/0.86	94	1.5/1.5	7.5/7.0
YDT280M ₁ -4/6	70.00/25.00	125.0/48.4	1480/985	91.0/87.0	0.88/0.87	94	1.5/1.5	7.5/7.0
YDT280M ₂ -4/6	84.00/28.00	150.6/54.8	1480/985	91.0/87.0	0.88/0.87	98	1.5/1.5	7.5/7.0
YDT315S-4/6	95.00/32.00	177.4/65.3	1485/985	91.0/89.0	0.86/0.79	98	1.5/1.5	7.5/7.0
YDT315M-4/6	115.00/38.00	217.5/77.9	1485/985	92.0/90.0	0.86/0.78	98	1.5/1.5	7.5/7.0
YDT315L ₁ -4/6	135.00/45.00	260.0/90.5	1485/985	92.0/90.0	0.86/0.80	100	1.5/1.5	7.5/7.0
YDT315L ₂ -4/6	160.00/55.00	294.0/113.4	1485/985	93.0/91.0	0.86/0.80	100	1.5/1.5	7.5/7.0
YDT90S-4/8	1.00/0.22	2.5/1.0	1400/670	70.0/55.0	0.82/0.62	100	1.9/1.5	7.0/5.0
YDT90L-4/8	1.30/0.30	3.1/1.2	1400/670	72.0/58.0	0.82/0.63	75	1.9/1.5	7.0/5.0
YDT100L ₁ -4/8	2.00/0.55	4.7/2.1	1420/690	80.0/65.0	0.80/0.61	75	1.9/1.5	7.0/5.0
YDT100L ₂ -4/8	2.40/0.65	5.5/2.4	1420/690	80.0/66.0	0.81/0.61	78	1.9/1.5	7.0/5.0
YDT112M-4/8	3.20/0.90	7.4/3.3	1440/700	83.0/71.0	0.78/0.59	78	1.9/1.5	7.0/5.0
YDT132S-4/8	4.50/1.10	9.7/3.7	1450/715	84.0/75.0	0.82/0.59	82	2.0/1.2	7.0/5.0
YDT132M-4/8	6.30/1.50	13.2/4.9	1450/715	85.0/78.0	0.83/0.59	82	2.0/1.2	7.0/5.0
YDT160M-4/8	8.90/2.00	18.2/5.4	1440/720	85.0/82.0	0.85/0.67	82	2.0/1.2	7.0/5.0
YDT160L-4/8	12.00/2.70	23.5/6.9	1440/720	86.0/84.0	0.86/0.67	86	2.0/1.2	7.0/5.0

技术参数 / TECHNICAL DATE

Type 型号	Output 功率 (KW)	Current 电流 (A)	Speed 转速 (r/min)	Efficiency 效率 (%)	powerFactor 功率因数 (COSφ)	Noiselevel DB 噪音 (A)	Locked torque Rated torque TST/TFL	Locked current Rated torque IST/TFL
YDT180M-4/8	16.00/4.00	31.8/10.9	1470/725	88.0/84.0	0.85/0.65	90	2.0/1.2	7.0/5.0
YDT180L-4/8	19.50/5.00	38.6/13.4	1470/725	89.0/85.0	0.85/0.66		2.0/1.2	7.0/5.0
YDT200L-4/8	29.00/7.50	56.8/19.6	1475/730	90.0/87.0	0.85/0.66	92	2.0/1.2	7.0/5.0
YDT225M-4/8	40.00/9.50	74.6/25.5	1475/735	91.0/88.0	0.88/0.64		2.0/1.3	7.5/5.0
YDT250M-4/8	52.00/14.50	97.3/37.0	1480/735	91.0/88.0	0.87/0.66	94	2.0/1.3	7.5/5.0
YDT280S-4/8	65.00/17.00	122.8/41.8	1485/735	91.0/89.0	0.87/0.68		2.0/1.3	7.5/5.0
YDT280M-4/8	75.00/18.50	137.4/43.9	1485/740	91.0/90.0	0.88/0.70	98	2.0/1.3	7.5/5.0
YDT315S-4/8	92.00/25.00	174.8/58.7	1485/740	91.0/90.0	0.86/0.70		2.0/1.3	7.5/5.0
YDT315M-4/8	110.00/30.00	208.3/70.1	1485/740	92.0/91.0	0.86/0.70	100	2.0/1.3	7.5/5.0
YDT315L-4/8	135.00/36.00	253.3/84.0	1485/740	92.0/91.0	0.87/0.70		2.0/1.3	7.5/5.0
YDT315L-4/8	155.00/41.00	288.0/94.7	1485/740	92.0/91.0	0.87/0.71	73	2.0/1.3	7.5/5.0
YDT90S-6/8	0.65/0.25	2.3/1.3	930/700	65.0/52.0	0.63/0.85		1.8/1.6	7.0/6.0
YDT90L-6/8	0.80/0.35	2.9/1.6	930/700	67.0/56.0	0.62/0.58	75	1.8/1.6	7.0/6.0
YDT100L-6/8	1.30/0.55	4.1/2.3	950/700	71.0/62.0	0.66/0.58		1.8/1.6	7.0/6.0
YDT100L-6/8	1.60/0.75	3.2/2.9	950/700	74.0/66.0	0.67/0.59	79	1.8/1.6	7.0/6.0
YDT112M-6/8	2.20/0.90	6.0/3.4	950/705	74.0/67.0	0.68/0.69		1.8/1.6	7.0/6.0
YDT132S-6/8	2.60/1.20	6.9/4.1	960/720	79.0/73.0	0.71/0.60	83	1.8/1.6	7.0/6.0
YDT132M-6/8	3.30/1.60	8.0/5.3	960/720	80.0/76.0	0.76/0.60		1.8/1.6	7.0/6.0
YDT132M-6/8	4.50/2.20	11.0/7.1	960/720	82.0/77.0	0.75/0.60	86	1.8/1.6	7.0/6.0
YDT160M-6/8	6.50/3.20	14.9/9.5	970/725	84.0/80.0	0.76/0.61		1.8/1.6	7.0/6.0
YDT160L-6/8	9.00/4.50	20.3/13.0	970/725	86.0/82.0	0.77/0.62	88	1.5/1.5	7.0/6.0
YDT180L-6/8	13.00/6.50	26.0/15.1	970/725	86.0/81.0	0.77/0.65		1.5/1.5	7.0/6.0
YDT200L-6/8	17.00/8.50	35.5/20.6	970/730	87.0/82.0	0.80/0.66	92	1.5/1.5	7.0/6.0
YDT200L-6/8	22.00/11.00	44.3/27.8	970/730	88.0/83.0	0.80/0.68		1.5/1.5	7.0/6.0
YDT225M-6/8	30.00/15.00	62.3/32.2	980/730	89.0/87.0	0.83/0.78	96	1.5/1.5	7.0/6.0
YDT250M-6/8	37.00/18.00	72.1/38.5	980/735	90.0/87.0	0.86/0.80		1.5/1.5	7.0/6.0
YDT280S-6/8	45.00/22.00	86.8/46.2	985/735	90.0/88.0	0.86/0.81	100	1.5/1.5	7.0/6.0
YDT280M-6/8	55.00/28.00	104.7/57.2	985/735	91.0/89.0	0.82/0.81		1.5/1.5	7.0/6.0
YDT280M-6/8	65.00/32.00	122.0/66.6	985/735	91.0/89.0	0.82/0.81	82	1.5/1.5	7.0/6.0
YDT315S-6/8	75.00/37.00	145.1/40.4	985/735	91.0/90.0	0.84/0.78		1.5/1.5	7.0/6.0
YDT315M-6/8	90.00/45.00	171.6/90.4	985/735	92.0/91.0	0.85/0.82	86	1.5/1.5	7.0/6.0
YDT315L-6/8	110.00/55.00	209.5/115.7	985/735	92.0/91.0	0.85/0.78		1.5/1.5	7.0/6.0
YDT315L-6/8	132.00/66.00	252.0/137.4	985/735	92.0/91.0	0.85/0.78	90	1.5/1.5	7.0/6.0
YDT112M-4/6/8	2.30/0.80/0.60	5.9/3.2/2.7	1455/960/7.5	79.0/65.0/61.0	0.73/0.57/0.53		2.0/1.7/1.3	7.5/6.5/4.0
YDT132S-4/6/8	3.10/1.10/0.80	7.1/3.9/3.1	1460/970/720	81.0/71.0/68.0	0.79/0.60/0.57	94	2.0/1.7/1.3	7.5/6.5/4.0
YDT132M-4/6/8	4.50/1.50/1.10	9.8/4.7/3.9	1460/970/720	83.0/74.0/72.0	0.82/0.65/0.57		2.0/1.7/1.3	7.5/6.5/4.0
YDT160M-4/6/8	7.50/2.60/1.50	16.0/7.3/4.8	1460/980/730	84.0/79.0/79.0	0.82/0.67/0.58	98	1.8/1.6/0.95	7.5/6.5/4.0
YDT160L-4/6/8	10.20/3.50/2.0	20.6/9.5/6.0	1460/980/730	86.0/81.0/81.0	0.85/0.68/0.60		1.8/1.6/0.95	7.5/6.5/4.0
YDT180M-4/6/8	13.00/4.50/2.60	24.2/10.6/7.7	1460/980/730	86.0/80.0/80.0	0.90/0.80/0.63	100	1.8/1.6/0.95	8.0/7.5/5.5
YDT180L-4/6/8	16.00/6.00/3.30	29.6/13.6/9.7	1460/980/730	87.0/81.0/81.0	0.90/0.81/0.63		1.8/1.6/0.95	8.0/7.5/5.5
YDT200L-4/6/8	22.00/8.00/4.50	40.6/17.8/13.2	1460/980/730	87.1/82.0/82.0	0.90/0.82/0.62	92	1.8/1.6/0.95	8.0/7.5/5.5
YDT225S-4/6/8	28.00/10.00/5.50	53.3/21.1/13.4	1470/980/740	89.0/83.0/85.0	0.88/0.85/0.70		1.8/1.7/1.1	8.0/7.5/5.5
YDT225M-4/6/8	34.00/12.00/7.50	63.1/24.7/17.2	1470/980/740	89.0/83.0/87.0	0.89/0.86/0.74	94	1.8/1.7/1.1	8.0/7.5/5.5
YDT250M-4/6/8	44.00/15.50/10.00	78.1/32.1/22.6	1475/985/740	90.0/85.0/88.0	0.92/0.85/0.75		1.8/1.7/1.1	8.0/7.5/5.5
YDT280S-4/6/8	55.00/18.00/12.00	98.5/37.0/27.3	1480/990/740	90.0/85.0/88.0	0.92/0.85/0.74	100	1.8/1.7/1.1	8.0/7.5/5.5
YDT280M-4/6/8	66.00/21.00/15.00	116.9/42.5/32.8	1480/990/740	91.0/86.0/89.0	0.92/0.86/0.76		1.8/1.4/1.3	8.0/7.5/5.5
YDT315S-4/6/8	75.00/27.00/19.00	136.0/55.3/43.8	1480/990/740	90.0/87.0/89.0	0.91/0.84/0.73	92	1.8/1.4/1.3	8.0/7.5/5.5
YDT315M4/6/8	90.00/32.00/22.00	162.0/64.8/50.6	1480/990/740	91.0/88.0/90.0	0.91/0.84/0.72		1.8/1.4/1.3	8.0/7.5/5.5
YDT315L-4/6/8	115.00/40.00/28.00	204.2/79.7/62.5	1480/990/740	91.0/88.0/90.0	0.91/0.85/0.74	94	1.8/1.4/1.3	8.0/7.5/5.5
YDT315L-4/6/8	140.00/51.00/35.00	253.6/101.8/80.2	1480/990/740	92.0/89.0/91.0	0.90/0.84/0.72		1.8/1.4/1.3	8.0/7.5/5.5

YEJ 系列电磁制动三相异步电动机

YEJ SERIES ELECTROMAGNETIC BRAKING THREE-PHASE ASYNCHRONOUS MOTOR



产品概述

YEJ 系列电磁制动三相异步电动机是全封闭自扇冷式鼠笼型具有附加圆盘型直流制动器的三相异步电动机，它具有制动迅速、结构简单、可靠性高通用性强等优点。此外制动器具有人工释放机构，被广泛应用于各种的要求快速停止和准确定位的机械设备和传动装置中。

本系列法兰外形安装尺寸与 Y2 系列相同。

PRODUCT OVERVIEW

YEJ series electromagnetic braking three-phase asynchronous motor are totally enclosed fan-cooled nd equipped with D.C.round brake.It have advan tages:rapid braking,simple structre,high reliability and wide application,further more,the brake can be controlles by manual relrasing. The motors are widely used on mechanical equipent and driving machines where rapid stop and accurate braking are demanded.

This series flange contour mounting size and Y2 series are same.

使用条件

环境温度：-15℃≤ 0 ≤ 40℃
海拔：不超过 1000m
额定电压：380V
额定频率：50Hz、60Hz
防护等级：IP44、IP54、IP55
绝缘等级：B 级、F 级、H 级
冷却方式：ICO141
工作方式：连续 S1
连接方式：3kw 及以下 Y 接法、4kw 及以上为 △接法
其他：可附带热敏电阻，Y160 及以上带注油嘴结构。

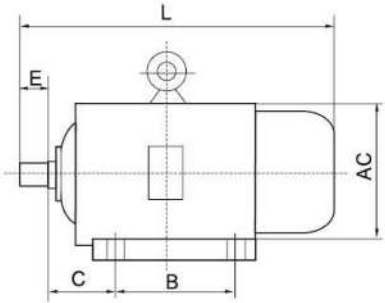
OPERATING CONDITIONS

Ambient temperature：-15℃≤ 0 ≤ 40℃
Altitude：not exceeding 1000m
Rated voltage：380V
Rated frequency：50Hz、60Hz
Protection class：IP44、IP54、IP55
Insulation class：B、F、H
Cooling method：ICO141
Duty：S1(continuous)
Connection：Star-connection for up to 3kw, delta-connection for 4kw and above.
Remark：Motors can be equipped with PTC,for frame size 160 and above,also can be equipped with re-greasing system.

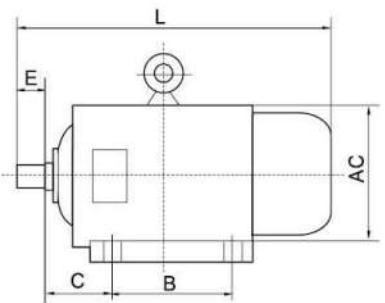
技术参数 / TECHNICAL DATE

型号 Type	额定功率 Rated power kW	满载时 Full Load				堵转电流 Ist/In	堵转转矩 Tstart/Tn	最大转矩 Tmax/Tn	静制动转矩不小于 N.m Torque of Static Brake is not Lower than:	励磁电压 U _f V Exciting Voltage	惯量矩 Gd2 kgf m2 Moment of Inertial	空载制动时间不大于 s Time under No Load is not higher than:
		转速 Speed (r/min)	电流 Current (A)	效率 Eff (%)	功率因数 Power factor (cosΦ)							
YEJ80M1-2	0.75	2825	1.9	75.5	0.84	6.5	2.2	2.3	7.5	99	0.00428	0.20
YEJ80M2-2	1.1	2825	2.6	77.0	0.86	7.0	2.2	2.3	7.5	99	0.0496	0.20
YEJ90S-2	1.5	2840	3.4	78.0	0.85	7.0	2.2	2.3	15	99	0.0074	0.20
YEJ90L-2	2.2	2840	4.7	80.0	0.86	7.0	2.2	2.3	15	99	0.00933	0.20
YEJ100L-2	3.0	2880	6.4	82.0	0.87	7.0	2.2	2.3	30	99	0.01064	0.20
YEJ112M-2	4.0	2890	8.2	85.5	0.87	7.0	2.2	2.3	40	170	0.03199	0.25
YEJ132S1-2	5.5	2900	11.1	85.5	0.88	7.0	2.0	2.3	75	170	0.06434	0.25
YEJ132S2-2	7.5	2900	15.0	86.2	0.88	7.0	2.0	2.3	75	170	0.0724	0.25
YEJ160M1-2	11	2930	21.8	87.2	0.88	7.0	2.0	2.3	150	170	0.22853	0.35
YEJ160M2-2	15	2930	29.4	88.2	0.88	7.0	2.0	2.2	150	170	0.26623	0.35
YEJ160L-2	18.5	2930	35.5	89.0	0.89	7.0	2.0	2.2	200	170	0.316	0.35
YEJ180M-2	22	2940	42.2	89.0	0.89	7.0	2.0	2.2	300	170	0.37637	0.35
YEJ200L1-2	30	2950	56.9	90.0	0.89	7.0	2.0	2.2	300	170	0.739	0.45
YEJ200L2-2	37	2950	69.8	90.5	0.89	7.0	2.0	2.2	350	170	0.8181	0.45
YEJ225M-2	45	2990	83.9	91.5	0.89	7.0	2.0	2.2	450	170	1.269	0.45
YEJ80M1-4	0.55	1390	1.5	73.0	0.76	6.0	2.4	2.3	7.5	100	0.00866	0.20
YEJ80M2-4	0.75	1390	2.1	74.5	0.76	6.0	2.3	2.3	7.5	100	0.01073	0.20
YEJ90S-4	1.1	1400	2.7	78.0	0.78	6.5	2.3	2.3	15	100	0.01132	0.20
YEJ90L-4	1.5	1400	3.7	79.0	0.79	6.5	2.3	2.3	15	100	0.0143	0.20
YEJ100L1-4	2.2	1420	5.0	81.0	0.82	7.0	2.3	2.3	30	100	0.02733	0.20
YEJ100L2-4	3.0	1420	6.8	82.5	0.81	7.0	2.3	2.3	30	100	0.03506	0.20
YEJ112M-4	4.0	1440	8.8	84.5	0.82	7.0	2.2	2.3	40	170	0.04969	0.25
YEJ132S-4	5.5	1440	11.6	85.5	0.84	7.0	2.2	2.3	75	170	0.11584	0.25
YEJ132M-4	7.5	1440	15.4	87.0	0.85	7.0	2.2	2.3	75	170	0.15404	0.25
YEJ160M-4	11	1460	22.6	88.0	0.84	7.0	2.2	2.3	150	170	0.3986	0.35
YEJ160L-4	15	1460	30.3	88.5	0.85	7.0	2.2	2.2	150	170	0.368288	0.35
YEJ180M-4	18.5	1470	35.9	91.0	0.86	7.0	2.0	2.2	200	170	0.6667	0.35
YEJ80L-4	22	1470	42.5	91.5	0.86	7.0	2.0	2.2	200	170	0.7677	0.35
YEJ200L-4	30	1470	56.8	92.5	0.87	7.0	2.0	2.2	300	170	1.3963	0.45
YEJ225S-4	37	1480	69.8	91.8	0.87	7.0	1.9	2.2	450	170	2.158	0.45
YEJ225M-4	45	1480	84.2	92.3	0.88	7.0	1.9	2.2	450	170	2.463	0.45
YEJ90S-6	0.75	910	2.3	72.5	0.70	5.5	2.2	2.0	15	100	0.01514	0.20
YEJ90L-6	1.1	910	3.2	73.5	0.72	6.0	2.2	2.0	15	100	0.01815	0.20
YEJ100L-6	1.5	940	4.0	77.5	0.74	6.0	2.2	2.0	30	100	0.03573	0.20
YEJ112M-6	2.2	940	5.6	80.5	0.74	6.0	2.2	2.0	40	170	0.07639	0.25
YEJ132S-6	3.0	960	7.2	83.0	0.76	6.5	2.2	2.0	75	170	0.15437	0.25
YEJ132M1-6	4.0	960	9.4	84.0	0.77	6.5	2.2	2.0	75	170	0.1906	0.25
YEJ132M2-6	5.5	960	12.6	85.3	0.78	6.5	2.0	2.0	76	170	0.2384	0.25
YEJ160M-6	7.5	970	17.0	86.0	0.78	6.5	2.0	2.0	150	170	0.45813	0.35
YEJ160L-6	11	970	24.6	87.0	0.78	6.5	2.0	2.0	150	170	0.59078	0.35
YEJ180L-6	15	970	31.4	89.5	0.81	6.5	1.8	2.0	200	170	0.9919	0.35
YEJ200L1-6	18.5	970	37.7	89.5	0.83	6.5	1.8	2.0	300	170	0.6609	0.45
YEJ200L2-6	22	970	44.6	90.2	0.83	6.5	1.8	2.0	300	170	1.838	0.45
YEJ225M-6	30	980	59.5	90.2	0.85	6.5	1.7	2.0	450	170	2.639	0.45
YEJ132S-8	2.2	710	5.8	80.5	0.71	5.5	2.0	2.0	75	170	0.15534	0.25
YEJ132M-8	3.0	710	7.7	82.0	0.72	5.5	2.0	2.0	75	170	0.16184	0.25
YEJ160M1-8	4.0	720	9.9	84.0	0.73	6.0	2.0	2.0	150	170	0.37563	0.35
YEJ160M2-8	5.5	720	13.3	85.0	0.74	6.0	2.0	2.0	150	170	0.4714	0.35
YEJ160L-8	7.5	720	17.3	86.0	0.75	5.5	2.0	2.0	150	170	0.60538	0.35
YEJ180L-8	11	730	17.7	87.5	0.77	6.0	1.7	2.0	200	170	0.9636	0.35
YEJ200L-8	15	730	34.1	88.0	0.76	6.0	1.8	2.0	300	170	1.194	0.45
YEJ225S-8	18.5	730	41.3	89.5	0.76	6.0	1.7	2.0	450	170	2.299	0.45
YEJ225M-8	22	730	47.6	90.0	0.78	6.0	1.8	2.0	450	170	2.436	0.45

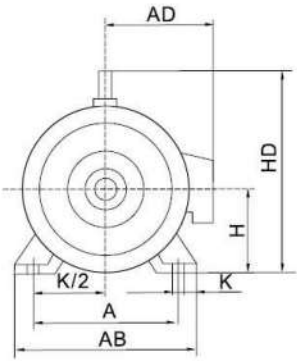
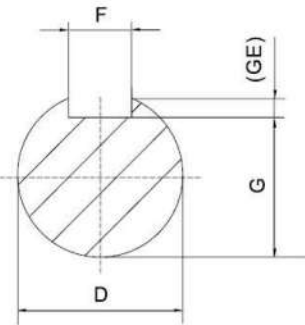
外形及安装尺寸 OVERALL & INSTALLTION DIEMSIONS



H80-132



H160-200



Frame No.	安装尺寸 Mounting Dimensions(mm)										外形尺寸 Overall Dimensions(mm)				
	A	B	C	D	E	F	G	H	K		AB	AC	AD	HD	L
80S	125	100	50	19	40	6	15.5	80	10		165	175	150	175	390
90S	140	100	56	24	50	8	20	90	10		180	195	160	195	420
90L	140	125	56	24	50	8	20	90	10		180	195	160	195	445
100L	160	140	63	28	60	8	24	100	12		205	215	180	245	480
112M	190	140	70	28	60	8	24	112	12		245	240	190	265	510
132S	216	140	89	38	80	10	33	132	12		280	275	210	315	585
132M	216	178	89	38	80	10	33	132	12		280	275	210	315	625
160M	254	210	108	42	110	12	37	160	15		330	335	260	385	720
160L	254	254	108	42	110	12	37	160	15		330	335	260	385	765
180M	279	241	121	48	110	14	42.5	180	15		355	380	285	430	825
180L	279	279	121	48	110	14	42.5	180	15		355	380	285	430	875
200L	318	305	133	55	110	16	49	200	19		395	420	315	475	900
225S	365	286	149	60	140	18	53	225	19		435	475	345	530	1000
225M(2 Poles)	356	311	149	55	110	16	49	225	19		435	475	345	530	1000
225M(2, 4, 8 Poles)	356	311	149	60	140	18	53	225	19		435	475	345	530	1030

YVF2 系列变频调速三相异步电动机

YVF2 SERIES VARIABLE FREQUENCY SPEED REGULATION
THREE-PHASE ASYNCHRONOUS MOTOR



产品概述：

YVF₂ 系列变频调速三相异步电动机调速范围广。它与变频调速装置配套使用，构成交流变频无极调速系统。在 5~50Hz 范围内作恒转矩变频调速运行，在 50~100Hz 范围内作恒功率变频调速运行，运行平稳，无转矩脉动现象，起动转矩大，起动电流小。电动机的安装形式及安装尺寸均与同容量的 Y 系列三相异步电动机一致。装有独立的冷却风扇装置，电机运行在不同转速下均有较好的冷却效果。

PRODUCT OVERVIEW

YVF₂ series three-phase frequency controlled asynchronous motor possesses a wide range of speed regulation.it can match with a variety of convertor to comprise an A.C sleepless adjustable frequency driving system.At low speed(5~50Hz),this motor can run smoothly under constant torque oscillation,and has a larger starting torque and a smaller starting current and delivers constant output power at high speed(50~100Hz). Its mounting arrangements and mounting dimensions are all according to Y series three-phase asynchronous motor.As cooling fan in built in so under different speeds the cooling effects is good.

使用条件：

机座中心高：80~355mm
功率范围：0.55~315kW
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 级
工作制：S1

OPERATING CONDITIONS

Centre height of frame: 80~355mm
Power range: 0.55~315kW
Rated voltage: 380V (special should order)
Rated frequency: 50Hz or 60Hz
Protection class: IP54 or IP55
Insulation class: F
Duty type: S1

技术参数 / TECHNICAL DATE

额定电压：380V 频率：50Hz Rated voltage: 380V Frequency:50Hz

电机型号 Type No.	额定功率 Rated output	额定 电流 Rated current	额定 转速 Rated speed	效率 EFF	功率 因素 Power factor	额定 转矩 Rated torque	噪音 Noise level	恒转矩调频范围 Constant torque Frequency Range Hz	恒功率调频范围 Constant output Frequency Range Hz
YVF2	(kW)	(A)	(r/min)	%	cos Φ	(N.m)	dB (A)		
同步转速 3000r/min									
YVF2-80M1-2	0.75	1.83	2845	75.0	0.83	2.52	73	5-50	50-100
YVF2-80M2-2	1.1	2.61	2845	76.2	0.84	3.69	73		
YVF2-90S-2	1.5	3.46	2840	78.5	0.84	5.04	76		
YVF2-90L-2	2.2	4.85	2840	81.0	0.85	7.40	76		
YVF2-100L-2	3	6.34	2860	82.6	0.87	10.1	79		
YVF2-112M-2	4	8.20	2880	81.2	0.88	13.3	80		
YVF2-132S1-2	5.5	11.1	2900	85.7	0.88	18.1	86		
YVF2-132S2-2	7.5	14.9	2900	87.0	0.88	24.7	86		
YVF2-160M1-2	11	21.2	2930	88.4	0.89	35.9	90		
YVF2-160M2-2	15	28.6	2930	89.4	0.89	48.9	90		
YVF2-160L-2	18.5	34.7	2930	90.0	0.90	60.3	90		
YVF2-180M-2	22	41.0	2940	90.5	0.90	71.5	91		
YVF2-200L1-2	30	55.4	2950	91.4	0.90	97.0	92		
YVF2-200L2-2	37	67.9	2950	92.0	0.90	120	92		
YVF2-225M-2	45	82.1	2960	92.5	0.90	145	94		
YVF2-250M-2	55	99.8	2965	93.0	0.90	177	96	5-50	50-70
YVF2-280S-2	75	135	2970	93.6	0.90	241	99		
YVF2-280M-2	90	160	2970	93.9	0.91	297	99		
YVF2-315S-2	110	195	2975	94.0	0.91	353	105		
YVF2-315M-2	132	233	2975	94.5	0.91	424	105	5-50	50-60
YVF2-315L1-2	160	279	2975	94.6	0.92	514	109		
YVF2-315L-2	185	323	2975	94.6	0.92	594	109		
YVF2-315L2-2	200	348	2975	94.8	0.92	642	109		
YVF2-315L3-2	220	383	2975	94.8	0.92	706	109		
YVF2-355M1-2	220	383	2975	94.8	0.92	705	111		
YVF2-355M-2	250	435	2980	95.0	0.92	801	111		
YVF2-355L1-2	280	487	2980	95.0	0.92	897	113		
YVF2-355L-2	315	548	2980	95.0	0.92	1009	113		
YVF2-355L2-2	355	617	2980	95.0	0.92	1138	113		
YVF2-355L3-2	375	652	2980	95.0	0.92	1202	113		
同步转速 1500r/min									
YVF2-80M1-4	0.55	1.57	1390	71.0	0.75	3.78	73	5-50	50-100
YVF2-80M2-4	0.75	2.05	1390	73.0	0.76	5.15	73		
YVF2-90S-4	1.1	2.85	1390	76.2	0.77	7.56	76		
YVF2-90L-4	1.5	3.68	1390	78.5	0.79	10.3	76		
YVF2-100L1-4	2.2	5.09	1410	81.0	0.81	14.9	79		
YVF2-100L2-4	3	6.73	1410	82.6	0.82	20.3	79		
YVF2-112M-4	4	8.80	1440	84.2	0.82	26.5	80		
YVF2-132S-4	5.5	11.7	1440	85.7	0.83	36.5	86		
YVF2-132M-4	7.5	15.6	1440	87.0	0.84	49.7	86		
YVF2-160M-4	11	22.5	1460	88.4	0.84	72.0	90		
YVF2-160L-4	15	30.0	1460	89.4	0.85	98.1	90		
YVF2-180M-4	18.5	36.3	1470	90.0	0.86	120	91		
YVF2-180L-4	22	42.9	1470	90.5	0.86	143	91		
YVF2-200L-4	30	58.0	1470	91.4	0.86	195	92		
YVF2-225S-4	37	70.2	1475	92.0	0.87	240	94		
YVF2-225M-4	45	85.0	1475	92.5	0.87	291	94		
YVF2-250M-4	55	103	1480	93.0	0.87	355	96		
YVF2-280S-4	75	140	1480	93.6	0.87	484	99		
YVF2-280M-4	90	167	1480	93.9	0.87	571	99		
YVF2-315S-4	110	201	1480	94.5	0.88	710	105		
YVF2-315M-4	132	240	1480	94.8	0.88	852	105		
YVF2-315L1-4	160	288	1480	94.9	0.89	1032	109		
YVF2-315L-4	185	333	1480	94.9	0.89	1194	109		
YVF2-315L2-4	200	360	1480	94.9	0.89	1291	109		
YVF2-315L3-4	220	396	1480	94.9	0.89	1420	109		
YVF2-355M1-4	220	396	1490	94.9	0.89	1410	111		
YVF2-355M-4	250	444	1490	95.1	0.90	1602	111		
YVF2-355L1-4	280	497	1490	95.1	0.90	1795	113		
YVF2-355L-4	315	559	1490	95.1	0.90	2019	113		
YVF2-355L2-4	355	630	1490	95.1	0.90	2275	113		
YVF2-355L3-4	375	666	1490	95.1	0.90	2404	113		

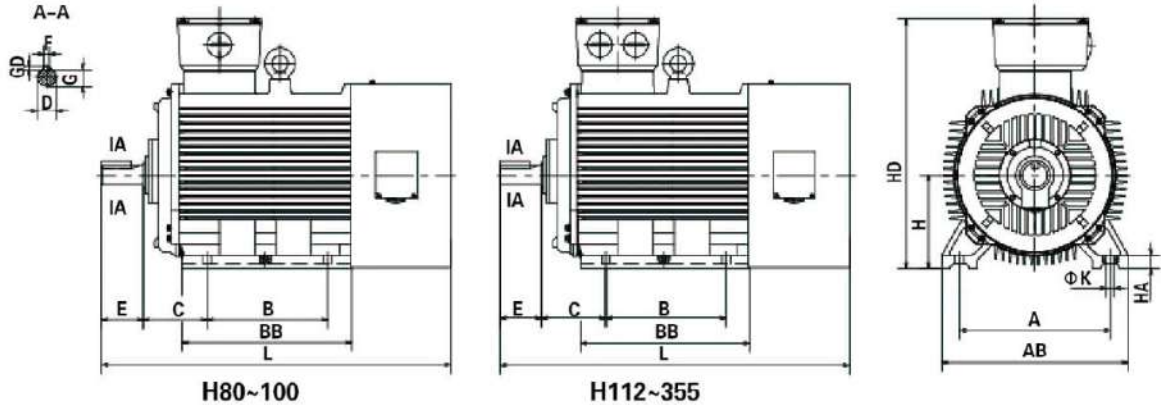
技术参数 / TECHNICAL DATE

额定电压：380V 频率：50Hz Rated voltage: 380V Frequency:50Hz

电机型号 Type No.	额定功率 Rated output	额定 电流 Rated current	额定 转速 Rated speed	效率 EFF	功率 因素 Power factor	额定 转矩 Rated torque	噪音 Noise level	恒转矩调频范围	恒功率调频范围
YVF2	(kW)	(A)	(r/min)	%	cos Φ	(N.m)	LW dB (A)	Constant torque Frequency Range Hz	Constant output Frequency Range Hz
同步转速 1000r/min									
YVF2-80M1-6	0.37	1.30	885	62.0	0.70	3.99	73	5-50	50-100
YVF2-80M2-6	0.55	1.79	885	65.0	0.72	5.94	73		
YVF2-90S-6	0.75	2.29	910	69.0	0.72	7.87	76		
YVF2-90L-6	1.1	3.18	910	72.0	0.73	11.5	76		
YVF2-100L-6	1.5	4.00	920	76.0	0.75	15.6	79		
YVF2-112M-6	2.2	5.57	935	79.0	0.76	22.5	80		
YVF2-132S-6	3	7.40	960	81.0	0.76	29.8	86		
YVF2-132M1-6	4	9.75	960	82.0	0.76	39.8	86		
YVF2-132M2-6	5.5	12.9	965	84.0	0.77	54.4	86		
YVF2-160M-6	7.5	17.2	970	86.0	0.77	73.8	90		
YVF2-160L-6	11	24.5	970	87.5	0.78	108	90		
YVF2-180L-6	15	31.6	970	89.0	0.81	148	91		
YVF2-200L1-6	18.5	38.6	980	90.0	0.81	180	92		
YVF2-200L2-6	22	44.7	980	90.0	0.83	214	92		
YVF2-225M-6	30	59.3	980	91.5	0.84	292	94		
YVF2-250M-6	37	71.1	980	92.0	0.86	361	96		
YVF2-280S-6	45	85.9	980	92.5	0.86	439	99		
YVF2-280M-6	55	105	980	92.8	0.86	536	99		
YVF2-315S-6	75	142	985	93.5	0.86	727	105		
YVF2-315M-6	90	170	985	93.8	0.86	873	105		
YVF2-315L1-6	110	207	985	94.0	0.86	1066	109		
YVF2-315L2-6	132	245	985	94.2	0.86	1280	109		
YVF2-315L3-6	160	292	985	94.5	0.87	1551	109		
YVF2-355M1-6	160	292	990	94.5	0.88	1543	111		
YVF2-355M-6	185	338	990	94.5	0.88	1785	111		
YVF2-355M2-6	200	364	990	94.8	0.88	1929	111		
YVF2-355L1-6	220	401	990	94.8	0.88	2122	113		
YVF2-355L-6	250	454	990	95.0	0.88	2412	113		
YVF2-355L2-6	280	509	990	95.0	0.88	2701	113		
YVF2-355L3-6	315	572	990	95.0	0.88	3039	113		
同步转速 750r/min									
YVF2-80M1-8	0.18	0.88	645	51.0	0.61	2.67	73	5-50	50-100
YVF2-80M2-8	0.25	1.15	645	54.0	0.61	3.70	73		
YVF2-90S-8	0.37	1.49	670	62.0	0.61	5.27	76		
YVF2-90L-8	0.55	2.17	670	63.0	0.61	7.84	76		
YVF2-100L1-8	0.75	2.40	680	71.0	0.67	10.5	79		
YVF2-100L2-8	1.1	3.32	680	73.0	0.69	15.4	79		
YVF2-112M-8	1.5	4.40	690	75.0	0.69	20.8	80		
YVF2-132S-8	2.2	6.04	705	78.0	0.71	29.8	86		
YVF2-132M-8	3	7.90	705	79.0	0.73	40.6	86		
YVF2-160M1-8	4	10.3	720	81.0	0.73	53.1	90		
YVF2-160M2-8	5.5	13.6	720	83.0	0.74	73.0	90		
YVF2-160L-8	7.5	17.8	720	85.5	0.75	99.5	90		
YVF2-180L-8	11	25.1	730	87.5	0.76	144	91		
YVF2-200L-8	15	34.1	730	88.0	0.76	196	92		
YVF2-225S-8	18.5	41.1	730	90.0	0.76	242	94		
YVF2-225M-8	22	47.4	730	90.5	0.78	288	94		
YVF2-250M-8	30	63.4	735	91.0	0.79	390	96		
YVF2-280S-8	37	77.8	735	91.5	0.79	481	99		
YVF2-280M-8	45	94.1	735	92.0	0.79	585	99		
YVF2-315S-8	55	111	735	92.8	0.81	715	105		
YVF2-315M-8	75	151	735	93.0	0.81	974	105		
YVF2-315L1-8	90	178	735	93.8	0.82	1169	109		
YVF2-315L2-8	110	217	735	94.0	0.82	1429	109		
YVF2-355M1-8	132	261	740	93.7	0.82	1704	111		
YVF2-355M2-8	160	315	740	94.2	0.82	2065	111		
YVF2-355L1-8	185	364	740	94.2	0.82	2388	113		
YVF2-355L-8	200	387	740	94.5	0.83	2581	113		
YVF2-355L2-8	220	426	740	94.5	0.83	2839	113		
YVF2-355L3-8	250	484	740	94.5	0.83	3226	113		
同步转速 600r/min									
YVF2-315S-10	45	100	590	91.5	0.75	728	105	5-50	50-100
YVF2-315M-10	55	121	590	92.0	0.75	890	105		
YVF2-315L1-10	75	162	590	95.5	0.76	1214	109		
YVF2-315L2-10	90	191	590	93.0	0.77	1457	109		
YVF2-355M1-10	110	230	590	93.2	0.78	1751	111		
YVF2-355M2-10	132	275	590	93.5	0.78	2137	111		
YVF2-355L1-10	16	333	590	93.5	0.78	2590	113		
YVF2-355L-10	185	385	590	93.5	0.78	2994	113		
YVF2-355L2-10	200	417	590	93.5	0.78	3237	113		
YVF2-355L3-10	220	458	590	93.5	0.78	3561	113		

外形及安装尺寸

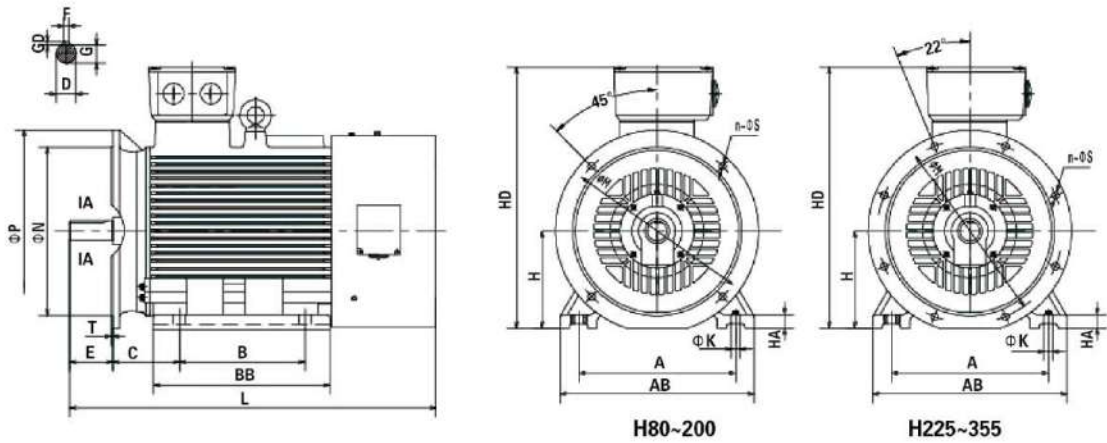
B3 安装，机座带底脚，端盖无凸缘



机座号 Frame size	级数 Poles	安装尺寸 Mounting Dimensions(mm)										外形尺寸 Overall Dimensions(mm)				
		A	B	C	D	E	F	G	GD	H	K	AB	BB	HA	HD	L
80M	2.4.6.8	125	100	50	19	40	6	15.5	6	80	10	165	130	10	220	500
90S	2.4.6.8	140	100	56	24	50	8	20	7	90	12	180	155	14	250	530
90L	2.4.6.8	140	125	56	24	50	8	20	7	90	12	180	180	14	250	555
100L	2.4.6.8	160	140	63	28	60	8	24	7	100	12	200	185	14	270	572
112M	2.4.6.8	190	140	70	28	60	8	24	7	112	12	240	180	16	300	610
132S	2.4.6.8	216	140	89	38	80	10	33	8	132	15	264	200	18	345	700
132M	2.4.6.8	216	178	89	38	80	10	33	8	132	15	264	240	18	345	720
160M	2.4.6.8	254	210	108	42	110	12	37	8	160	15	330	270	20	420	800
160L	2.4.6.8	254	254	108	42	110	12	37	8	160	15	330	314	20	420	840
180M	2.4.6.8	279	241	121	48	110	14	37	9	180	19	355	311	22	455	897
180L	2.4.6.8	279	279	121	48	110	14	42.5	9	180	19	355	349	22	455	917
200L	2.4.6.8	318	305	133	55	110	16	42.5	10	200	19	390	366	25	505	965
225S	4.8	356	286	149	60	140	18	49	10	225	19	435	355	28	560	1000
225M	2	356	311	149	55	110	16	53	11	225	19	435	380	28	560	1000
	4.6.8	356	311	149	60	140	18	49	11	225	19	435	380	28	560	1030
250M	2	406	349	168	60	140	18	53	11	250	24	490	420	30	615	1065
	4.6.8	406	349	168	65	140	18	53	11	250	24	490	420	30	615	1065
280S	2	457	366	190	65	140	18	58	11	280	24	545	438	35	680	1320
	4.6.8	457	366	190	75	140	20	58	11	280	24	545	438	35	680	1350
280M	2	457	419	190	75	140	18	67.5	12	280	24	545	493	35	680	1320
	4.6.8	457	419	190	75	140	20	58	12	280	24	545	493	35	680	1350
315S	2	508	406	216	65	140	18	67.5	11	315	28	640	550	38	845	1450
	4.6.8.10	508	406	216	65	170	22	58	11	315	28	640	550	38	845	1580
315M	2	508	457	216	65	140	18	71	11	315	28	640	680	38	845	1580
	4.6.8.10	508	457	216	80	170	22	58	14	315	28	640	680	38	845	1480
315L	2	508	508	216	80	140	18	71	14	315	28	640	680	38	845	1610
	4.6.8.10	508	508	216	80	170	22	58	14	315	28	640	680	38	845	1610
355M	2	610	506	254	75	140	20	67.5	12	355	28	740	710	52	1010	1755
	4.6.8.10	610	506	254	75	170	25	86	12	355	28	740	710	52	1010	1654
355L	2	610	630	254	95	140	20	67.5	14	355	28	740	710	52	1010	1654
	4.6.8.10	610	630	254	95	170	25	86	14	355	28	740	840	52	1010	1784

外形及安装尺寸

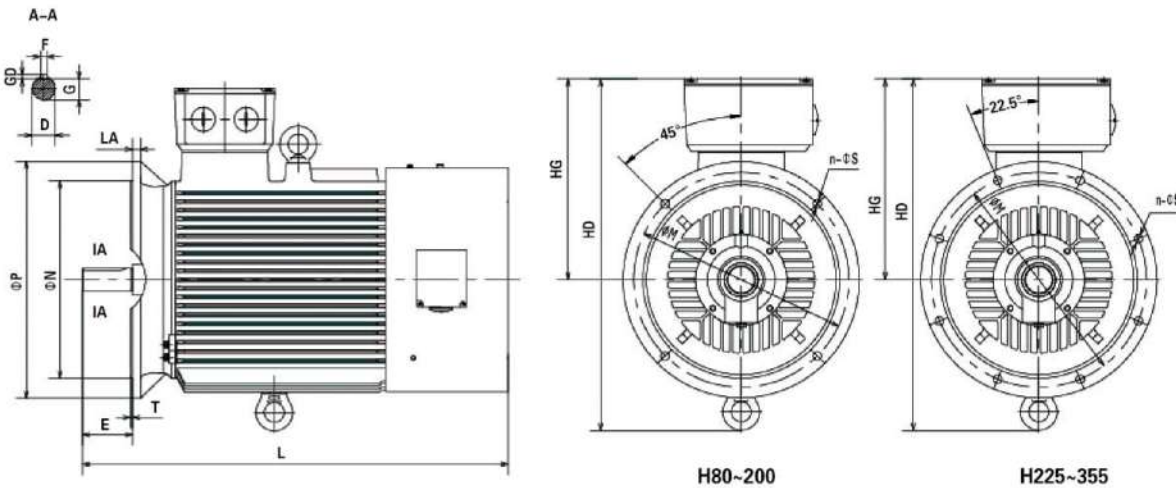
B35 安装，机座号带底脚、端盖上有凸缘的电动机（带通孔）



机座号 Frame size	级数 Poles	安装尺寸 Mounting Dimensions(mm)																外形尺寸 Overall Dimensions(mm)					
		A	B	C	D	E	F	G	GD	H	K	M	N	P	R	S	T	n	AB	BB	HA	HD	L
80M	2.4.6.8	125	100	50	19	40	6	15.5	6	80	10	165	130	200	0	12	3.5	4	165	130	10	220	500
90S	2.4.6.8	140	100	56	24	50	8	20	7	90	12	165	130	200	0	12	3.5	4	180	155	14	250	530
90L	2.4.6.8	140	125	56	24	50	8	20	7	90	12	165	130	200	0	12	4	4	180	180	14	250	555
100L	2.4.6.8	160	140	63	28	60	8	24	7	100	12	215	180	250	0	15	4	4	200	185	14	270	572
112M	2.4.6.8	190	140	70	28	60	8	24	7	112	12	215	180	250	0	15	4	4	240	180	16	300	610
132S	2.4.6.8	216	140	89	38	80	10	33	8	132	15	265	230	300	0	15	4	4	264	200	18	345	700
132M	2.4.6.8	216	178	89	38	80	10	33	8	132	15	265	230	300	0	15	4	4	264	240	18	345	720
160M	2.4.6.8	254	210	108	42	110	12	37	8	160	15	300	250	350	0	19	5	4	330	270	20	420	800
160L	2.4.6.8	254	254	108	42	110	12	37	8	160	15	300	250	350	0	19	5	4	330	314	20	420	840
180M	2.4.6.8	279	241	121	48	110	14	42.5	9	180	19	300	250	350	0	19	5	4	355	311	22	455	897
180L	2.4.6.8	279	279	121	48	110	14	42.5	9	180	19	300	250	350	0	19	5	4	355	349	22	455	917
200L	2.4.6.8	318	305	133	55	110	16	49	10	200	19	350	300	400	0	19	5	4	390	366	25	505	965
225S	4.8	356	286	149	55	140	18	49	10	225	19	400	350	450	0	19	5	8	435	355	28	560	1000
	2	356	311	149	60	110	16	53	11	225	19	400	350	450	0	19	5	8	435	380	28	560	1000
	4.6.8	356	311	149	60	140	18	53	11	225	19	400	350	450	0	19	5	8	435	380	28	560	1030
250M	2	406	349	168	60	140	18	53	11	250	24	500	450	550	0	19	5	8	490	420	30	615	1065
	4.6.8	406	349	168	65	140	18	58	11	250	24	500	450	550	0	19	5	8	490	420	30	615	1065
280S	2	457	366	190	65	140	18	58	11	280	24	500	450	550	0	19	5	8	545	438	35	680	1320
	4.6.8	457	366	190	65	140	20	58	11	280	24	500	450	500	0	19	5	8	545	438	35	680	1350
280M	2	457	419	190	75	140	18	67.5	12	280	24	500	450	500	0	19	5	8	545	493	35	680	1320
	4.6.8	457	419	190	75	140	20	67.5	12	280	24	500	450	500	0	19	5	8	545	493	35	680	1350
315S	2	508	406	216	65	140	18	58	11	315	28	600	550	660	0	24	6	8	640	550	38	845	1450
	4.6.8.10	508	406	216	65	170	22	58	11	315	28	600	550	660	0	24	6	8	640	550	38	845	1580
315M	2	508	457	216	65	140	18	58	11	315	28	600	550	660	0	24	6	8	640	680	38	845	1580
	4.6.8.10	508	457	216	80	170	22	71	14	315	28	600	550	660	0	24	6	8	640	680	38	845	1480
315L	2	508	508	216	80	140	18	71	14	315	28	600	550	660	0	24	6	8	640	680	38	845	1610
	4.6.8.10	508	508	216	80	170	22	71	14	315	28	600	550	660	0	24	6	8	640	680	38	845	1610
355M	2	610	506	254	95	170	20	86	12	355	28	740	680	800	0	24	6	8	740	710	52	1010	1755
	4.6.8.10	610	506	254	95	170	25	86	12	355	28	740	680	800	0	24	6	8	740	710	52	1010	1654
355L	2	610	630	254	95	170	20	86	14	355	28	740	680	800	0	24	6	8	740	710	52	1010	1654
	4.6.8.10	610	630	254	95	170	25	86	14	355	28	740	680	800	0	24	6	8	740	840	52	1010	1784

外形及安装尺寸

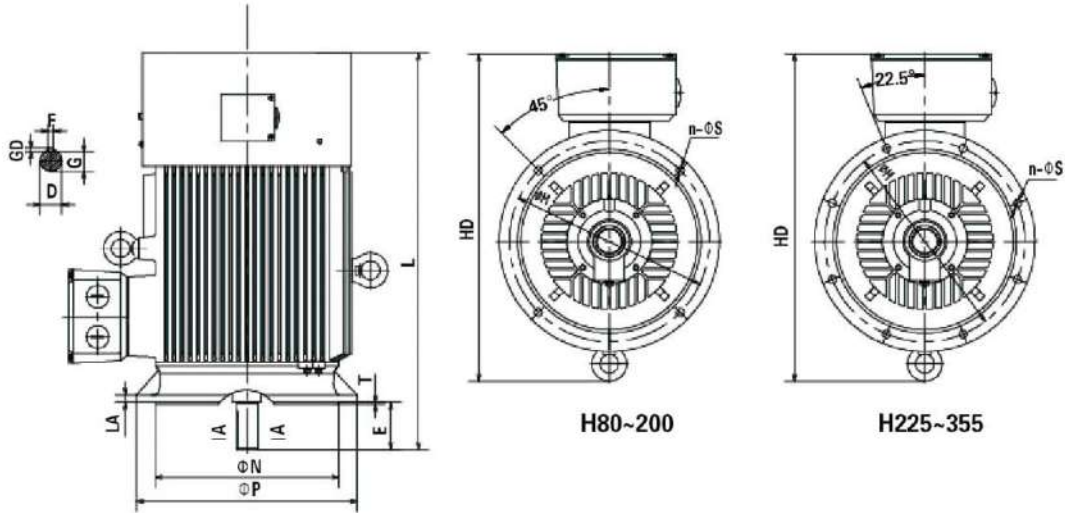
B5，机座不带底脚，端盖上有凸缘的电动机



机座号 Frame size	级数 Poles	安装尺寸 Mounting Dimensions(mm)												外形尺寸 Overall Dimensions(mm)			
		D	E	F	G	GD	M	N	P	R	S	T	n	AC	AD	HD	L
80M	2.4.6.8	19	40	6	15.5	6	165	130	200	0	12	3.5	4	165	180	273	500
90S	2.4.6.8	24	50	8	20	7	165	130	200	0	12	3.5	4	180	180	276	530
90L	2.4.6.8	24	50	8	20	7	165	130	200	0	12	4	4	180	180	276	555
100L	2.4.6.8	28	60	8	24	7	215	180	250	0	15	4	4	205	180	321	572
112M	2.4.6.8	28	60	8	24	7	215	180	250	0	15	4	4	230	200	371	610
132S	2.4.6.8	38	80	10	33	8	265	230	300	0	15	4	4	270	200	423	700
132M	2.4.6.8	38	80	10	33	8	265	230	300	0	15	4	4	270	200	423	720
160M	2.4.6.8	42	110	12	37	8	300	250	350	0	19	5	4	325	220	502	800
160L	2.4.6.8	42	110	12	37	8	300	250	350	0	19	5	4	325	220	502	840
180M	2.4.6.8	48	110	14	42.5	9	300	250	350	0	19	5	4	360	220	535	897
180L	2.4.6.8	48	110	14	42.5	9	300	250	350	0	19	5	4	360	220	535	917
200L	2.4.6.8	55	110	16	49	10	350	300	400	0	19	5	4	400	250	632	965
225S	4.8	60	110	16	49	10	400	350	450	0	19	5	8	450	250	683	1000
225M	2	60	140	18	53	11	400	350	450	0	19	5	8	450	250	683	1000
	4.6.8	65	140	18	53	11	400	350	450	0	19	5	8	450	250	683	1030

外形及安装尺寸

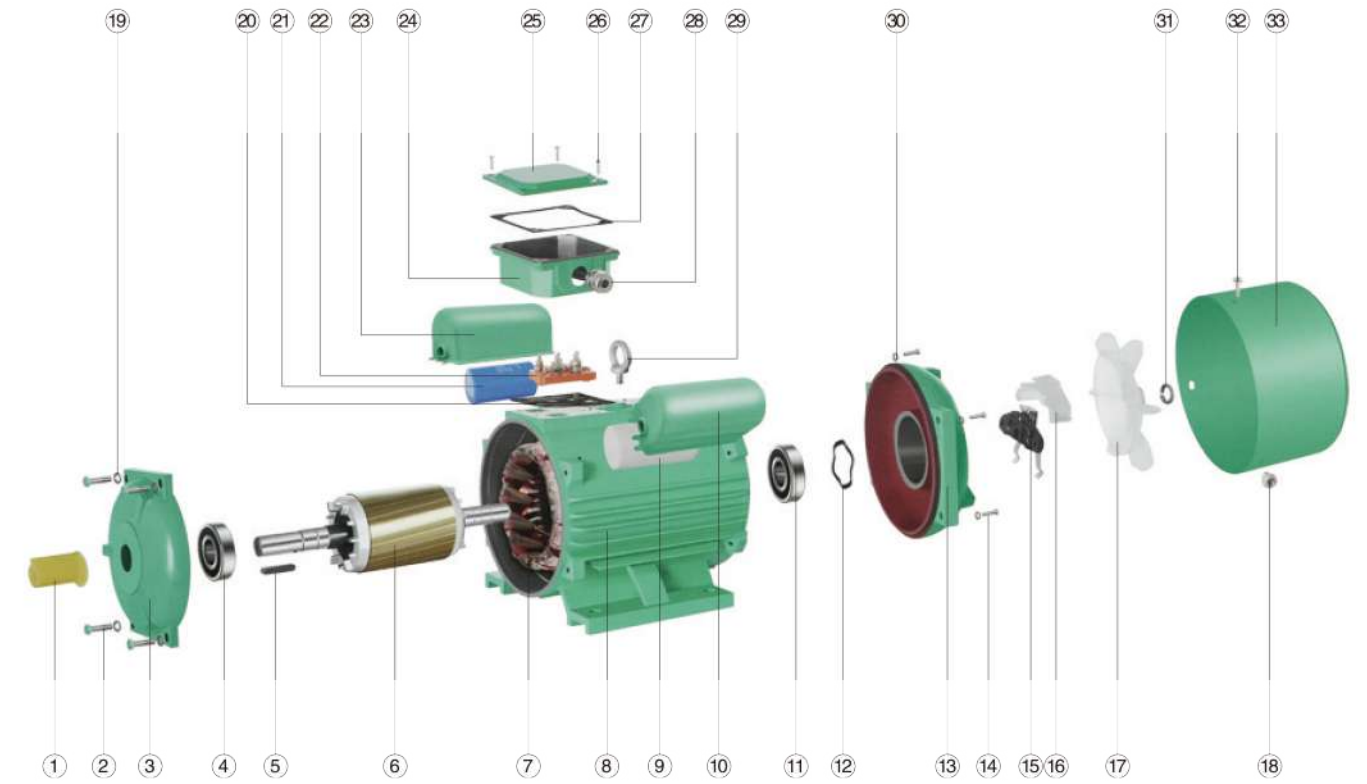
V1 安装，机座不带底脚，端盖上有凸缘的电动机



机座号 Frame size	级数 Poles	安装尺寸 Mounting Dimensions(mm)												外形尺寸 Overall Dimensions(mm)			
		D	E	F	G	GD	M	N	P	R	S	T	n	AC	AD	HD	L
80M	2.4.6.8	19	40	6	15.5	6	165	130	200	0	12	3.5	4	176	—	273	500
90S	2.4.6.8	24	50	8	20	7	165	130	200	0	12	3.5	4	182	—	276	530
90L	2.4.6.8	24	50	8	20	7	165	130	200	0	12	4	4	182	—	276	555
100L	2.4.6.8	28	60	8	24	7	215	180	250	0	15	4	4	215	—	321	572
112M	2.4.6.8	28	60	8	24	7	215	180	250	0	15	4	4	223	—	371	610
132S	2.4.6.8	38	80	10	33	8	265	230	300	0	15	4	4	263	—	423	700
132M	2.4.6.8	38	80	10	33	8	265	230	300	0	15	4	4	263	—	423	720
160M	2.4.6.8	42	110	12	37	8	300	250	350	0	19	5	4	316	234	502	800
160L	2.4.6.8	42	110	12	37	8	300	250	350	0	19	5	4	316	234	502	840
180M	2.4.6.8	48	110	14	42.5	9	300	250	350	0	19	5	4	360	220	535	897
180L	2.4.6.8	48	110	14	42.5	9	300	250	350	0	19	5	4	360	220	535	917
200L	2.4.6.8	55	110	16	49	10	350	300	400	0	19	5	4	400	250	632	965
225S	4.8	55	110	18	49	10	400	350	450	0	19	5	8	450	250	683	1000
225M	2	55	110	16	53	11	400	350	450	0	19	5	8	450	250	683	1000
	4.6.8	60	140	18	53	11	400	350	450	0	19	5	8	450	250	683	1030
250M	2	60	140	18	53	11	500	450	550	0	19	5	8	500	300	751	1065
	4.6.8	65	140	18	58	11	500	450	550	0	19	5	8	500	300	751	1065
280S	2	65	140	18	58	11	500	450	550	0	19	5	8	560	300	826	1320
	4.6.8	75	140	20	67.5	11	500	450	500	0	19	5	8	560	300	286	1350
280M	2	65	140	18	58	12	500	450	500	0	19	5	8	560	300	286	1320
	4.6.8	75	140	20	67.5	12	500	450	500	0	19	5	8	560	300	286	1350
315S	2	65	140	18	58	11	600	550	660	0	24	6	8	630	400	1002	1450
	4.6.8.10	80	170	22	71	11	600	550	660	0	24	6	8	630	400	1002	1580
315M	2	65	140	18	58	11	600	550	660	0	24	6	8	630	400	1002	1580
	4.6.8.10	80	170	22	71	14	600	550	660	0	24	6	8	630	400	1002	1480
315L	2	65	140	18	58	14	600	550	660	0	24	6	8	630	400	1002	1610
	4.6.8.10	80	170	22	71	14	600	550	660	0	24	6	8	630	400	1002	1610
355M	2	75	140	20	67.5	12	740	680	800	0	24	6	8	750	500	1089	1755
	4.6.8.10	95	170	25	86	14	740	680	800	0	24	6	8	750	500	1089	1654
355L	2	75	140	20	67.5	14	740	680	800	0	24	6	8	750	500	1089	1654
	4.6.8.10	95	170	25	86	14	740	680	800	0	24	6	8	750	500	1089	1784

产品分解图

EXPLODED VIEW



1. 轴套 (Shaft cover)	12. 波形垫圈 (Wave form)	23. 薄钢电容套 (Capacitor box lid)
2. 螺栓 (Bolt)	13. 后端盖 (Rear endshield)	24. 接线盒座 (Terminal box base)
3. 前端盖 (Front endshield)	14. 螺栓 (Bolt)	25. 接线盒盖 (Terminal box lid)
4. 轴承 (Bearing)	15. 底板 (Back plane)	26. 螺丝 (Screw)
5. 键 (Key)	16. 防护罩 (Shield)	27. 密封垫 (Gasket)
6. 转子 (Rotor)	17. 风叶 (Fan)	28. 不锈钢护套螺母 (Stainless steel jacket nut)
7. 定子 (Stator)	18. 风罩螺丝 (Fan cowl scres)	29. 吊环 (Eyebolt)
8. 机座 (Frame)	19. 弹簧垫圈 (Spring washer)	30. 弹簧垫圈 (Spring washer)
9. 电容器 (Capaction CD60)	20. 皮垫 (Leather washer)	31. 风叶卡簧 (Fan clamp)
10. 薄钢电容套 (Capacitor box lid)	21. 电容器 (Capaction cd60)	32. 风罩螺丝 (Fan cowl screw)
11. 轴承 (Bearing)	22. 接线板 (Terminal board)	33. 风罩 (Fan cowl)

YC/YCL 系列单相电容启动异步电动机

YC/YCL SERIES SINGLE PHASE CAPACITOR START INDUCTION ELECTRIC MOTOR



使用条件:

环境温度: $-15^{\circ}\text{C} \leq 0 \leq 40^{\circ}\text{C}$
海拔: 不超过 1000m
额定电压: 220V
额定频率: 50Hz、60Hz
防护等级: IP44、IP54
绝缘等级: B 级、F 级
冷却方式: ICO141
工作方式: 连续 S1

TECHNICAL DATA:

Ambient temperature: $-15^{\circ}\text{C} \leq 0 \leq 40^{\circ}\text{C}$
Altitude: not exceeding 1000m
Rated voltage: 220V
Rated frequency: 50Hz、60Hz
Protection class: IP44、IP54
Insulation class: B、F
Cooling method: ICO141
Duty: S1(continuous)

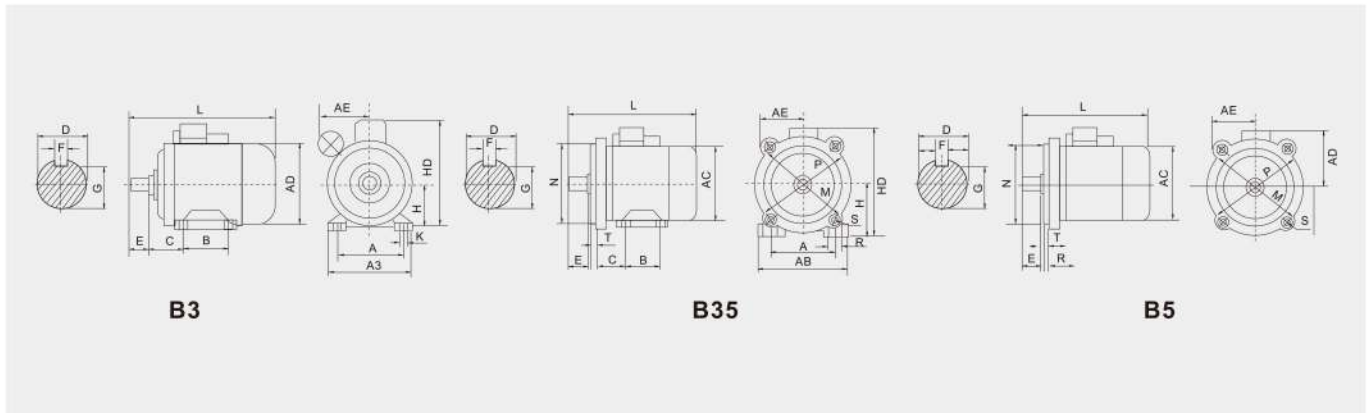
产品概述:

YC 系列电动机全封闭自扇冷式,其安装方式符合国际电工协会(IEC)标准。输出功率 3HP 及以下采用电容启动,输出功率 4HP 及以上采用电容启动、运转。该系列电动机采用先进技术、优质材料,具有维护方便、运行可靠、温度低、噪声小、起动电流小,起动转矩大等特点,使用转矩大等特点,使用于驱动小型车床水泵,对只有单相电源的家庭作坊尤为适用。

PRODUCT OVERVIEW

YC series motor is a fully enclosed single-phase asynchronous motor with the latest design. With features like simple structure, reliable performance, easy maintenance and achievement of technical-economic targets, the products have been widely used in the air compressor, pump, refrigerator, washing machine, medical equipment, wood-working machinery, all kinds of agricultural and so on. YC motor series have Protection Class of E or B, Cooling Method of IC411.

外形及安装尺寸 OVERALL & INSTALLTION DIEMSIONS



外形及安装尺寸 OVERALL & INSTALLTION DIEMSIONS

机座号 Frame size	安装尺寸 Mounting Dimensions (mm)															外形尺寸 Overall Dimensions (mm)					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AE	AD	HD	L
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	160	165	110	120	200	310
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	120	140	240	370
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	120	140	240	400
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4.0	205	220	130	145	260	430
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4.0	245	250	140	160	300	455
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	150	210	350	525
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	150	210	350	553

技术参数 / TECHNICAL DATE

型号 Type	功率Output		电压 Voltage (V)	频率 (HZ)	电流 Current (A)	转速 Speed (r/min)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tstart/Tn	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tmax/Tn
	HP	KW									
YC80a-2	0.5	0.37	220	50	3.7	2880	66	0.74	3	6.5	2
YC80b-2	0.75	0.55	220	50	5.3	2880	67	0.74	3	6.5	2
YC80c-2	1	0.75	220	50	6.7	2880	68	0.75	3	6.5	2
YC90S-2	1.5	1.1	220	50	9.1	2880	71	0.8	2.8	7	2
YC90L-2	2	1.5	220	50	12.1	2880	72	0.82	2.8	7	2
YC100L-2	3	2.2	220	50	17.1	2900	74	0.82	2.5	7	2
YC112M1-2	4	3	220	50	21.4	2900	76	0.84	2.2	7	2
YC112M2-2	5	3.7	220	50	24.8	2900	79	0.86	2.2	7	2
YC80a-4	0.33	0.25	220	50	3.4	1450	56	0.62	3	6	2
YC80b-4	0.5	0.37	220	50	4.5	1450	60	0.64	3	6	2
YC80c-4	0.75	0.55	220	50	6.0	1450	64	0.65	3	6	2
YC90S-4	1	0.75	220	50	7.7	1450	67	0.72	2.8	6.5	2
YC90L-4	1.5	1.1	220	50	10.5	1450	70	0.72	2.8	6.5	2
YC100L-4	2	1.5	220	50	13.5	1450	72	0.73	2.8	6.5	2
YC112M-4	3	2.2	220	50	19.3	1450	73	0.74	2.5	6.5	2
YC132Sa-4	4	3	220	50	25.2	1450	76	0.8	2.2	6.5	2
YC132Sb-4	5	3.7	220	50	30	1450	79	0.82	2.2	6.5	2
YC132M-4	7.5	5.5	220	50	32.5	1450	82	0.95	2.2	6.5	2

ML/MY 系列铝壳单相电容运转异步电动机

ML/MY SERIES SINGLE-PHASE MOTORS WITH DOUBLE CAPACITORA(ALUMINIUM HOUSING)



产品概述:

ML/YL 系列单相双值电容异步电动机按照国家标准、制造，具有起动和运行性能好、噪音低、体积小、重量轻、维护方便等特点。广泛应用于空气压缩机、水泵、水机、制冷、医疗器机械及小型机械等。对只有单相电源的场合尤为使用。

PRODUCT OVERVIEW

ML/MY series single-phase capacitor asynchronous motor double value according to the national standard, the manufacture, has good starting and running performance, low noise, small volume, light weight, convenient maintenance, etc.Widely used in air compressors, pumps, water machine, refrigeration, medical machinery and small machinery.Use of only a single-phase power supply situation is particularly.

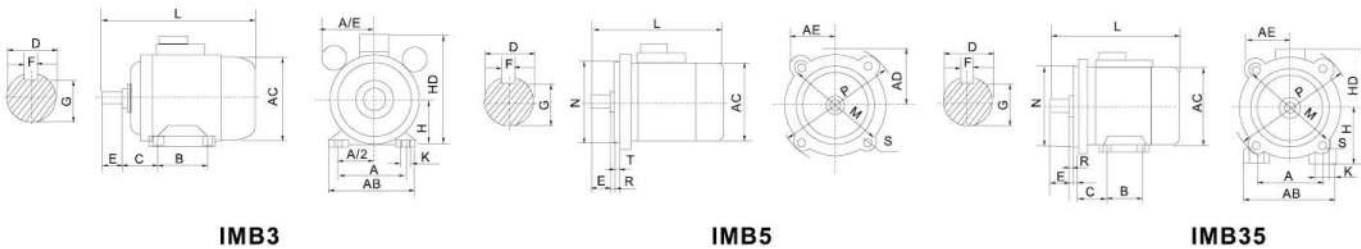
使用条件:

环境温度：-15℃≤ 0 ≤ 40℃
海拔：不超过 1000m
额定电压：220V
额定频率：50Hz、60Hz
防护等级：IP44、IP54
绝缘等级：B 级、F 级
冷却方式：ICO141
工作方式：连续 S1

TECHNICAL DATA

Ambient temperature：-15℃≤ 0 ≤ 40℃
Altitude：not exceeding 1000m
Rated voltage：220V
Rated frequency：50Hz、60Hz
Protection class：IP44、IP54
Insulation class：B、F
Cooling method：ICO141
Duty：S1(continuous)

外形及安装尺寸 OVERALL & INSTALLTION DIEMSIONS

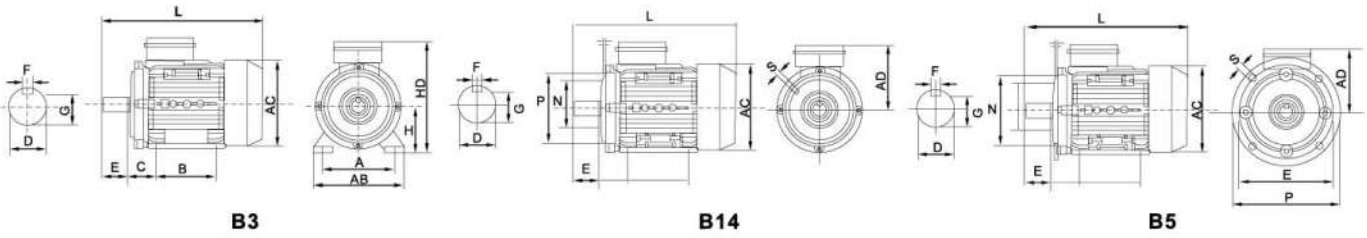


Frame No.	安装尺寸 Installation Size									安装尺寸 IMB5 Installation Size IMB5						安装尺寸 IMB14 Installation Size IMB14						整体尺寸 Overall Dimenssion				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L
63	100	80	40	11	23	4	8.5	63	7	115	95	140	0	10	3	75	60	90	0	M5	2.5	130	130	125	180	230
71	112	90	45	14	30	5	11	71	7	130	110	160	0	10	3.5	85	70	105	0	M6	2.5	145	145	130	200	255
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	100	80	120	0	M6	3	160	160	160	240	295
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	115	95	140	0	M8	3	180	180	175	260	335
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	115	95	140	0	M8	3	180	180	275	260	360
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	130	110	160	0	M8	3.5	205	205	200	280	390
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	130	110	160	0	M8	3.5	245	245	210	300	410

技术参数 / TECHNICAL DATE

型号 Type	功率 Output		电压 Voltage (v)	频率 HZ	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率 Power Factor	堵转转矩 额定转矩 Tstart/Tn(Time)	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tmax/Tn
	KW	HP									
ML711-2	0.37	0.5	220	50	2.46	2800	72	0.95	1.8	6.0	1.8
ML712-2	0.55	0.75	220	50	3.60	2800	73	0.95	1.8	6.0	1.8
ML801-2	0.75	1	220	50	4.85	2800	74	0.95	1.8	6.0	1.8
ML802-2	1.1	1.5	220	50	7.02	2800	75	0.95	1.8	6.0	1.8
ML90S-2	1.5	2	220	50	9.32	2830	77	0.95	1.8	6.0	1.8
ML90L-2	2.2	3	220	50	13.5	2830	78	0.95	1.8	6.0	1.8
ML100L-2	3	4	220	50	18.17	2870	79	0.95	1.8	6.0	1.8
ML711-4	0.25	0.34	220	50	1.79	1400	67	0.95	1.8	6.0	1.8
ML712-4	0.37	0.5	220	50	2.49	1400	71	0.95	1.8	6.0	1.8
ML801-4	0.55	0.75	220	50	3.65	1410	72	0.95	1.8	6.0	1.8
ML802-4	0.75	1.0	220	50	4.85	1410	74	0.95	1.8	6.0	1.8
ML90S-4	1.1	1.5	220	50	7.02	1430	75	0.95	1.8	6.0	1.8
ML90L-4	1.5	2	220	50	9.44	1430	76	0.95	1.8	6.0	1.8
ML100L1-4	2.2	3	220	50	13.5	1430	78	0.95	1.8	6.0	1.8
ML100L2-4	3	4	220	50	18.17	1430	78	0.95	1.8	6.0	1.8
ML112M-4	3.7	5	220	50	22.40	1430	79	0.95	1.8	6.0	1.8

外形及安装尺寸 OVERALL & INSTALLTION DIEMSIONS



Frame No.	安装尺寸 Installation Size									安装尺寸 IMB5 Installation Size IMB5						安装尺寸 IMB14 Installation Size IMB14						整体尺寸 Overall Dimension				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L
63	100	80	40	11	23	4	8.5	63	7	115	95	140	0	10	3	75	60	90	0	M5	2.5	130	130	125	180	230
71	112	90	45	14	30	5	11	71	7	130	110	160	0	10	3.5	85	70	105	0	M6	2.5	145	145	130	200	255
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	100	80	120	0	M6	3	160	160	160	240	295
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	115	95	140	0	M8	3	180	180	175	260	335
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	115	95	140	0	M8	3	180	180	275	260	360
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	130	110	160	0	M8	3.5	205	205	200	280	390
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	130	110	160	0	M8	3.5	245	245	210	300	410

技术参数 / TECHNICAL DATE

型号 Type	功率 Output (KW)	电压 Voltage (v)	频率 HZ	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率 Power Factor	堵转转矩 额定转矩 Tstart/Tn(Time)	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tmax/Tn
MY631-2	0.18	220	50	1.48	2800	60	0.92	0.4	5	1.7
MY632-2	0.25	220	50	1.96	2800	63	0.92	0.4	7	1.7
MY711-2	0.37	220	50	2.73	2800	67	0.92	0.35	10	1.7
MY712-2	0.55	220	50	3.88	2800	70	0.92	0.35	15	1.7
MY801-2	0.75	220	50	5.15	2800	72	0.92	0.33	20	1.7
MY802-2	1.1	220	50	7.02	2800	75	0.95	0.33	30	1.7
MY90S-2	1.5	220	50	9.44	2800	76	0.95	0.3	45	1.7
MY90L-2	2.2	220	50	13.67	2800	77	0.95	0.3	65	1.7
MY631-4	0.12	220	50	1.10	2800	55	0.90	0.4	3.5	1.7
MY632-4	0.18	220	50	1.62	1400	56	0.90	0.4	5	1.7
MY711-4	0.25	220	50	2.02	1400	61	0.92	0.35	7	1.7
MY712-4	0.37	220	50	2.95	1400	62	0.92	0.35	10	1.7
MY801-4	0.55	220	50	4.25	1400	64	0.92	0.35	15.4	1.7
MY802-4	0.75	220	50	5.45	1400	68	0.92	0.32	20	1.7
MY90S-4	1.1	220	50	7.45	1400	71	0.95	0.32	30	1.7
MY90L-4	1.5	220	50	9.83	1400	73	0.95	0.3	45	1.7

不锈钢电机
STAINLESS STEEL MOTOR

产品概述：
不锈钢电机水洗系列产品，具有无法比拟的特点、性能、价值。这些独有的特性使水洗系列成为世界上不锈钢电机工业上的领军者。按产品的制造标准可分为：NEMA 不锈钢电机与 IEC 不锈钢电机。

PRODUCT OVERVIEW
Stainless steel motor washing series products, with incomparable characteristics, performance, value. These unique characteristics make the washing series the world leader in the stainless steel motor industry. According to the manufacturing standards of the product can be divided into :NEMA stainless steel motor and IEC stainless steel motor.



H63-H160

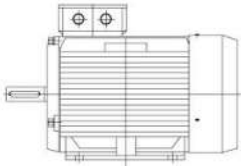
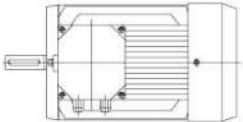
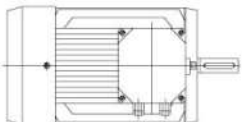
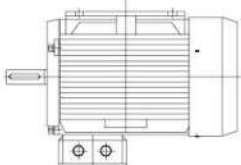
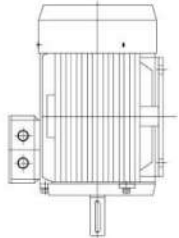
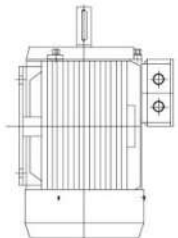
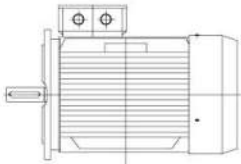
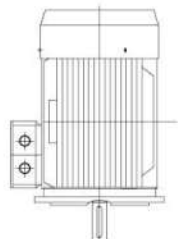
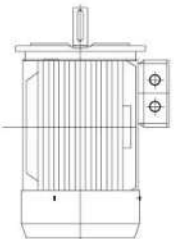
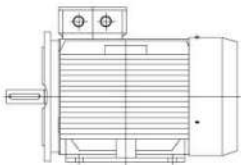
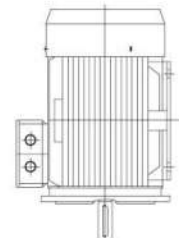
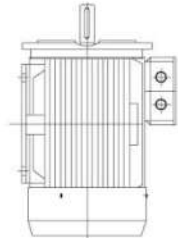
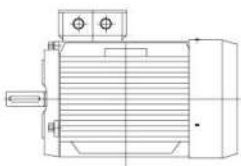
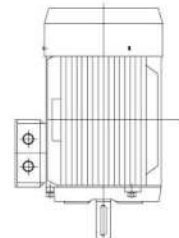
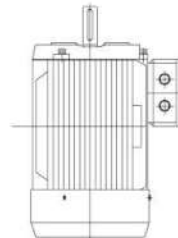
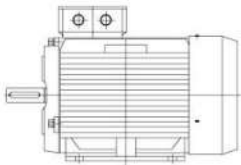
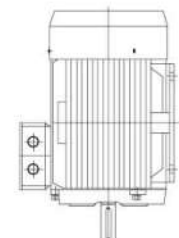
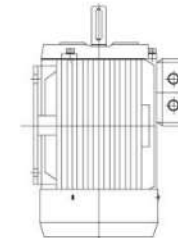
高温长轴电机
HIGH TEMPERATURE LONG SHAFT MOTOR



H63-H280

安装方式
 Installation method

示意图	基本结构方式
	安装方式
	制造范围（机座号）

IM B3 IM 1001 63-400 	IM B6 IM 1051 63-160 	IM B7 IM 1061 63-160 
IM B8 IM 1071 63-160 	IM V5 IM 1011 63-160 	IM V6 IM 1031 63-160 
IM B5 IM 3001 63-355 	IM V1 IM 3011 63-355 	IM V3 IM 3031 63-160 
IM B35 IM 2001 63-355 	IM V15 IM 2011 63-160 	IM V35 IM 2031 63-160 
IM B14 IM 3601 63-132 	IM V18 IM 3611 63-132 	IM V19 IM 3631 63-132 
IM B34 IM 2101 63-132 	IM V17 IM 2111 63-132 	IM V37 IM 2131 63-132 

电机轴承型号表
 Motor bearing type table

机座号 Frame Size	极数 Poles	IE4/IE3/IE2 SERIES		YB2 SERIES	
		DE	NDE	DE	NDE
63	2.4	6201	6201	6201	6201
71	2.4.6	6202	6202	6202	6202
80	2.4.6.8	6204	6204	6204	6204
90	2.4.6.8	6205	6205	6205	6205
100	2.4.6.8	6206	6206	6206	6206
112	2.4.6.8	6306	6306	6206	6206
132	2.4.6.8	6308	6308	6208	6208
160	2	6309	6309	6309	6209
	4.6.8	6309	6309	6309	6209
180	2	6311	6311	6211	6211
	4.6.8	6311	6311	6311	6211
200	2	6312	6312	6212	6212
	4.6.8	6312	6312	6312	6212
225	2	6313	6313	6312	6312
	4.6.8	6313	6313	6313	6312
250	2	6314	6314	6313	6313
	4.6.8	6314	6314	6314	6313
280	2	6314	6314	6314	6314
	4.6.8.10	6317	6317	6317	6314
315	2	6317	6317	6317	6317
	4.6.8.10	NU319	6319	NU319	6319
355	2	6319	6319	6319	6319
	4.6.8.10	NU322	6322	NU322	6322
400	2	6326	6326		
	4.6.8.10	NU326	6326		