



台州永畅液压机械有限公司
Taizhou Eternal Hydraulic Machine Co.,Ltd.



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Fractional Horsepower Miniature Motor

YE3 高效三相异步电动机
High Efficiency Three-phase Asynchronous Motor



产品概述 PRODUCT OVERVIEW

YE3系列是本公司依据GB/T28575-2012新开发的全封闭自扇风冷式鼠笼型高效率三相异步电动机,并且公司已经取得高效率节能认证。该系列电动机的效率指标达到中国GB18613-2012《中小型三相异步电动机能效限定值及能效等级》中的2级能效等级,符合IEC60034-30中的能效等级中的IE3,和目前国际先进的美国NEMA高效电机处于同一水平。相对YE2系列, YE3系列高效率电动机更加节能、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-375KW; 机座中心高: H80-H355。

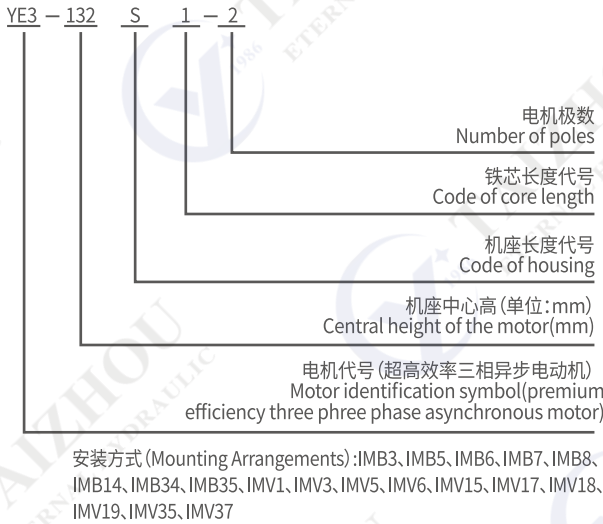
YE3 series is a fully enclosed fan-cooled squirrel cage type high efficiency three-phase asynchronous motor newly developed by our company according to GB/T28575-2012, and the company has obtained the high efficiency and energy saving certification. The efficiency index of this series motor reaches the energy efficiency grade 2 in China GB18613-2012 "Energy efficiency limit value and energy efficiency grade of small and medium-sized three-phase asynchronous motor", complies with IE3 in the energy efficiency grade of IEC60034-30, and is at the same level with the current international advanced American NEMA high efficiency motor. Relative YE2 series, YE3 series high efficiency motor more energy saving, low carbon and environmental protection, installation size, the same power level and general motors, in line with the international electrotechnical commission standard IEC60072-1, can be directly replaced so as to achieve the purpose of energy saving, power saving, easy to marketing, center high H160 and more motor can be equipped with non-stop note oil discharge device, and reserve a thermistor with installation and moistureproof tropical space, convenient for users to choose. Power range of this series of motors: 0.75KW-375KW; Base center height: H80-H355.

使用条件 OPERATING CONDITIONS

环境温度: -15℃~40℃
海拔: 不超过1000米
额定电压: 380V、600V、1140V、380/660V、660/1140V
额定频率: 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△接法
工作制: 连续工作制 (S1)
防护等级: IP55
防爆等级: Exd II BT4
绝缘等级: F级
冷却方式: IC411
Ambient Temperature: -15℃~40℃
Altitude: Up to 1000 meters
Rated Voltage: 380V, 400V, 415V
Rated Frequency: 50Hz, 60Hz
Connection: Output ≤ 3kW, 'Y' connection
Output ≥ 4kW, '△' connection;
Duty: Continuous (S1)
Ingress Protection: IP55
Explosion-proof grade: Exd II BT4
Insulation Class: Class F
Cooling Method: IC411

代号说明 DESIGNATION

电机型号释义/Explanation of type designation



YE3系列电机技术参数/Technical data—YE3 series motor— 2 Poles—50Hz

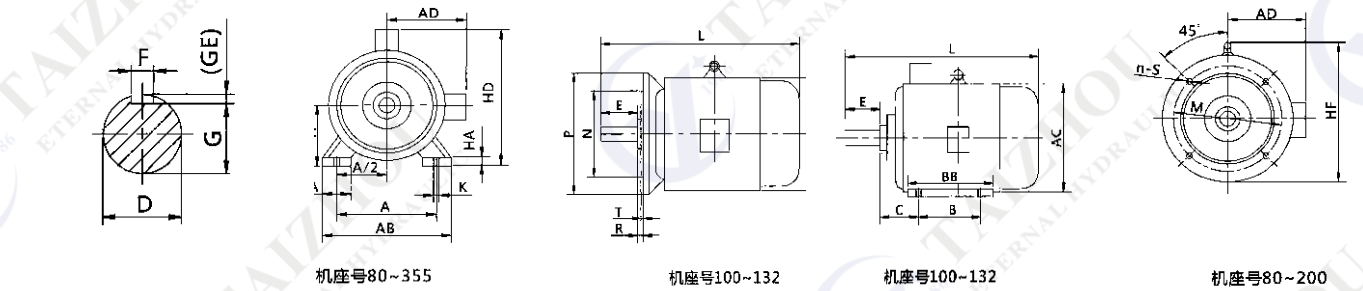
电机型号 Model	额定功率 Rated Output		满 载 时 Full Load						额定转矩 Rated Torque Torque (Tn)	堵转转矩 堵转转矩	最大转矩 额定转矩	堵转电流 额定电流	噪 声 Noise	重 量 Weight
			转 速 Speed RPM	电 流 Input Current(amp)			效 率 Efficiency η%	功率因数 Power Factor cosΦ						
	kW	HP		380V	400V	415V								
YE3-80M1-2	0.75	1	2843	1.72	1.64	1.58	80.7	0.82	2.52	2.3	2.3	7.0	62	16
YE3-80M2-2	1.1	1.5	2843	2.43	2.31	2.23	82.7	0.83	3.70	2.2	2.3	7.3	62	17.5
YE3-90S-2	1.5	2	2856	3.22	3.06	2.95	84.2	0.84	5.02	2.2	2.3	7.6	67	23.5
YE3-90L-2	2.2	3	2856	4.58	4.35	4.19	85.9	0.85	7.36	2.2	2.3	7.6	67	28.5
YE3-100L-2	3	4	2883	6.02	5.71	5.51	87.1	0.87	9.94	2.2	2.3	7.8	74	38
YE3-112M-2	4	5.5	2892	7.84	7.45	7.18	88.1	0.88	13.21	2.2	2.3	8.3	77	49
YE3-132S1-2	5.5	7.5	2910	10.6	10.1	9.75	89.2	0.88	18.05	2.0	2.3	8.3	79	63
YE3-132S2-2	7.5	10	2910	14.4	13.7	13.2	90.1	0.88	24.61	2.0	2.3	7.9	79	70
YE3-160M1-2	11	15	2937	20.6	19.6	18.9	91.2	0.89	35.76	2.0	2.3	8.1	81	121
YE3-160M2-2	15	20	2937	27.9	26.5	25.5	91.9	0.89	48.77	2.0	2.3	8.1	81	132
YE3-160L-2	18.5	25	2937	34.2	32.5	31.3	92.4	0.89	60.15	2.0	2.3	8.2	81	152
YE3-180M-2	22	30	2946	40.5	38.5	37.1	92.7	0.89	71.31	2.0	2.3	8.2	83	191
YE3-200L1-2	30	40	2955	54.9	52.1	50.3	93.3	0.89	96.94	2.0	2.3	7.6	84	240
YE3-200L2-2	37	50	2955	67.4	64	61.7	93.7	0.89	119.6	2.0	2.3	7.6	84	257
YE3-225M-2	45	60	2964	80.8	76.8	74	94.0	0.90	145.0	2.0	2.3	7.7	86	310
YE3-250M-2	55	75	2969	98.5	93.5	90.2	94.3	0.90	176.9	2.0	2.3	7.7	89	400
YE3-280S-2	75	100	2973	133.7	127	122.4	94.7	0.90	240.9	1.8	2.3	7.1	91	525
YE3-280M-2	90	120	2973	159.9	151.9	146.4	95.0	0.90	289.1	1.8	2.3	7.1	91	555
YE3-315S-2	110	150	2978	195.9	185.3	178.6	95.2	0.90	352.8	1.8	2.3	7.1	92	990
YE3-315M-2	132	180	2978	233.6	221.9	213.9	95.4	0.90	423.3	1.8	2.3	7.1	92	1180
YE3-315L1-2	160	220	2978	279.4	265.5	255.9	95.6	0.91	513.1	1.8	2.3	7.2	92	1280
YE3-315L2-2	200	270	2978	348.6	331.1	319.2	95.8	0.91	641.4	1.8	2.2	7.2	92	1250
YE3-355M-2	250	340	2982	435.7	413.9	399	95.8	0.91	800.6	1.6	2.2	7.2	100	1910
YE3-355L-2	315	430	2982	549	521.5	502.7	95.8	0.91	1008.7	1.6	2.2	7.2	100	2000

YE3系列电机技术参数/Technical data—YE3 series motor— 4 Poles—50Hz

YE3-80M2-4	0.75	1	1401	1.84	1.75	1.69	82.5	0.75	5.11	2.3	2.3	6.6	56	18.5
YE3-90S-4	1.1	1.5	1410	2.61	2.48	2.39	84.1	0.76	7.45	2.3	2.3	6.8	59	24
YE3-90L-4	1.5	2	1410	3.47	3.3	3.18	85.3	0.77	10.16	2.3	2.3	7.0	59	29.5
YE3-100L1-4	2.2	3	1428	4.76	4.52	4.36	86.7	0.81	14.71	2.3	2.3	7.6	64	39.5
YE3-100L2-4	3	4	1428	6.34	6.02	5.8	87.7	0.82	20.06	2.3	2.3	7.6	64	43.5
YE3-112M-4	4	5.5	1446	8.37	7.95	7.66	88.6	0.82	26.41	2.2	2.3	7.8	65	52
YE3-132S-4	5.5	7.5	1446	11.2	10.7	10.3	89.6	0.83	36.32	2.0	2.3	7.9	71	66
YE3-132M-4	7.5	10	1446	15	14.3	13.7	90.4	0.84	49.53	2.0	2.3	7.5	71	78
YE3-160M-4	11	15	1464	21.5	20.4	19.7	91.4	0.85	71.25	2.2	2.3	7.7	73	122
YE3-160L-4	15	20	1464	28.8	27.3	26.3	92.1	0.86	97.84	2.2	2.3	7.8	73	139
YE3-180M-4	18.5	25	1469	35.3	33.5	32.3	92.6	0.86	120.3	2.0	2.3	7.8	76	188
YE3-180L-4	22	30	1469	41.8	39.7	38.3	93.0	0.86	143.1	2.0	2.3	7.8	76	193

外形及安装尺寸
OUTLINE AND INSTALLATION DIMENSIONS

YE3系列电机技术参数/Technical data—YE3 series motor— 4 Poles—50Hz														
电机型号 Model	额定功率 Rated Output		满载时 Full Load						额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声 Noise	重量 Weight
			转速 Speed	电 流 Input Current(amp)			效 率 Efficiency	功率因数 Power Factor						
	kW	HP		RPM	380V	400V			415V	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn
YE3-200L-4	30	40	1473	56.6	53.8	51.9	9.6	0.86	194.5	2.0	2.3	7.3	76	256
YE3-225S-4	37	50	1478	69.6	66.1	63.7	93.9	0.86	239.1	2.0	2.3	7.4	78	308
YE3-225M-4	45	60	1478	84.4	80.2	77.3	94.2	0.86	290.8	2.0	2.3	7.4	78	337
YE3-250M-4	55	75	1478	102.7	97.6	94.1	94.6	0.86	355.5	2.2	2.3	7.4	79	410
YE3-280S-4	75	100	1482	136.3	129.5	124.8	95.0	0.88	483.2	2.0	2.3	6.9	80	541
YE3-280M-4	90	120	1482	163.2	155.1	149.5	95.2	0.88	579.9	2.0	2.3	6.9	80	630
YE3-315S-4	110	150	1482	196.8	187	180.2	95.4	0.89	708.8	2.0	2.2	7.0	88	910
YE3-315M-4	132	180	1482	235.7	223.9	215.8	95.6	0.89	850.5	2.0	2.2	7.0	88	1005
YE3-315L1-4	160	220	1482	285.1	270.9	261.1	95.8	0.89	1030.9	2.0	2.2	7.1	88	1085
YE3-315L2-4	200	270	1482	351.7	334.1	322	96.0	0.90	1288.7	2.0	2.2	7.1	88	1160
YE3-355M-4	250	340	1491	439.6	417.7	402.6	96.0	0.90	1601.1	2.0	2.2	7.1	95	1830
YE3-315L-4	315	430	1491	553.9	553.9	507.2	96.0	0.90	2017.4	2.0	2.2	7.1	95	190
YE3系列电机技术参数/Technical data—YE3 series motor— 6 Poles—50Hz														
YE3-90S-6	0.75	1	919	2.03	1.93	1.86	78.9	0.71	7.79	2.0	2.1	6.0	57	23
YE3-90L-6	1.1	1.5	919	2.83	2.69	2.59	81.0	0.73	11.43	2.0	2.1	6.0	57	28.5
YE3-100L-6	1.5	2	937	3.78	3.6	3.47	82.5	0.73	15.29	2.0	2.1	6.5	61	37.5
YE3-112M-6	2.2	3	946	5.36	5.09	4.91	84.3	0.74	22.21	2.0	2.1	6.6	65	48
YE3-132S-6	3	4	964	7.2	6.84	6.59	85.6	0.74	29.72	2.0	2.1	6.8	69	65
YE3-132M1-6	4	5.5	964	9.46	8.99	8366	86.8	0.74	39.62	2.0	2.1	6.8	69	73
YE3-132M2-6	5.5	7.5	964	12.7	12	11.6	88.0	0.75	54.48	2.0	2.1	7.0	69	82
YE3-160M-6	7.5	10	973	16.2	15.4	14.8	89.1	0.79	73.60	2.0	2.1	7.0	73	113
YE3-160L-6	11	15	973	23.1	22	21.2	90.3	0.80	108.0	2.0	2.1	7.2	73	134
YE3-180L-6	15	20	973	30.9	29.3	28.2	91.2	0.81	147.2	2.0	2.1	7.3	73	178
YE3-200L1-6	18.5	25	978	37.8	36	34.7	91.7	0.81	180.7	2.0	2.1	7.3	73	226
YE3-200L2-6	22	30	978	44.8	42.5	41	92.2	0.81	214.9	2.0	2.1	7.4	73	243
YE3-225M-6	30	40	982	59.1	56.2	54.1	92.9	0.83	291.7	2.0	2.1	6.9	74	294
YE3-250M-6	37	50	982	71.7	68.1	65.7	93.3	0.84	359.8	2.0	2.1	7.1	76	388
YE3-280S-6	45	60	982	85.8	81.6	78.6	93.7	0.85	437.6	2.0	2.0	7.3	78	495
YE3-280M-6	55	75	982	103.3	98.1	94.6	94.1	0.86	534.8	2.0	2.0	7.3	78	574
YE3-315S-6	75	100	987	143.4	136.2	131.3	94.6	0.84	726.0	2.0	2.0	6.6	83	836
YE3-315M-6	90	120	987	169.5	161	155.2	94.9	0.85	871.2	2.0	2.0	6.7	83	940
YE3-315L1-6	110	150	987	206.8	196.4	189.3	95.1	0.85	1064.8	2.0	2.0	6.7	83	1068
YE3-315L2-6	132	180	987	244.5	232.2	223.8	95.4	0.86	1277.7	2.0	2.0	6.8	83	1140
YE3-355M1-6	160	220	991	295.7	280.9	270.7	95.6	0.86	1541.7	1.8	2.0	6.8	85	1742
YE3-355M2-6	200	270	991	364.6	346.4	333.8	95.8	0.87	1927.1	1.8	2.0	6.8	85	1850
YE3-355L-6	250	340	991	455.7	433	417.3	95.8	0.87	2408.9	1.8	2.0	6.8	85	1960



机座号 Frame	极数 Poles	安装尺寸Mounting Dimension									外形尺寸Figure size							
		A	B	C	D	E	F	G	H	K	AA	BB	HA	AB	AC	AD	HD	L
80M	2.4.6	125	100	50	19	40	6	15.5	80	10	32	150	10	165	175	145	230	305
90S	2.4.6	140	100	56	24	50	8	20	90	10	34	185	12	180	195	155	260	360
90L	2.4.6	140	125	56	24	50	8	20	90	10	34	210	12	180	195	155	260	390
100L	2.4.6	160	140	63	28	60	8	24	100	12	39	223	14	205	215	180	280	435
112M	2.4.6	190	140	70	28	60	8	24	112	12	45	230	14	230	240	190	300	470
132S	2.4.6	216	140	89	38	80	10	33	132	12	55	186	18	270	275	210	345	510
132M	2.4.6	216	178	89	38	80	10	33	132	12	55	224	18	270	275	210	345	560
160M	2.4.6	254	210	108	42	110	12	37	160	14.5	65	304	20	320	330	255	420	670
160L	2.4.6	254	254	108	42	110	12	37	160	14.5	65	334	20	320	330	255	420	700
180M	2.4.6	279	241	121	48	110	14	42.5	180	14.5	70	311	22	355	380	280	455	740
180L	2.4.6	279	279	121	48	110	14	42.5	180	14.5	70	349	22	355	380	280	455	790
200L	2.4.6	318	305	133	55	110	16	49	200	18.5	74	379	26	395	420	305	505	790
225S	4	356	286	149	60	140	18	53	225	18.5	78	368	28	435	470	355	560	830
225M	2	356	311	149	55	110	16	49	225	18.5		393	28	435	470	355	560	825
	4.6				60	140	18	53			393	28	435	470	355	560	855	
250M	2	406	349	168	60	140	18	53	250	24	80	445	30	490	510	370	615	915
	4.6				65	140	18	58				445	30	490	510	370	615	915
280S	2	457	368	190	65	140	18	58	280	24	90	485	35	550	580	410	680	985
	4.6				75	140	20	67.5				485	35	550	580	410	680	985
280M	2	457	419	190	65	140	18	58	280	24	90	536	35	550	580	410	680	1035
	4.6				75	140	20	67.5				536	35	550	580	410	680	1035
315S	2	508	406	216	65	140	18	58	315	28	120	570	45	635	645	530	845	1180
	4.6				80	170	22	71				570	45	635	645	530	845	1290
315M	2	508	457	216	65	140	18	58	315	28	120	610	45	635	645	530	845	1320
	4.6				80	170	22	71				610	45	635	645	530	845	1320
315L	2	508	508	216	65	140	18	58	315	28	120	680	45	635	645	530	845	1210
	4.6				80	170	22	71				680	45	635	645	530	845	1320
355M	2	610	560	254	75	140	20	67.5	355	28	130	690	52	730	710	655	1010	1500
	4.6				95	170	25	86				690	52	730	710	655	1010	1530
355L	2	610	630	254	75	140	20	67.5	355	28	130	750	52	730	710	655	1010	1500
	4.6				95	170	25	86				750	52	730	710	655	1010	1530
355I	2	630	800	224	80	170	22	71	355	35	140	—	—	760	770	760	1130	1870
3552	4.6				110	210	28	100				—	—	760	770	760	1130	1920

YE2 高效三相异步电动机
High Efficiency Three-phase Asynchronous Motor



产品概述 PRODUCT OVERVIEW

YE2系列是本公司依据JB/T11707-2013新开发的全封闭自扇风冷式鼠笼型高效率三相异步电动机。该系列电动机的效率指标达到中国GB18613-2012《中小型三相异步电动机能效限定值及能效等级》中的3极能效,符合IEC60034-30标准中的IE2能效等级。YE2系列高效率三相异步电动机可用于驱动风机、泵类等长期负载运行,各项性能指标达到国际先进水平,高效从而达到节能减排的目的。YE2高效率三相异步电动机的安装尺寸、功率等级符合国际电工委员会IEC60072-1标准,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空间,方便用户选用。温升按80K考核,电动机温升裕度大,寿命长;转子采用铸铝工艺,运行可靠性高。该系列电动机功率范围:0.75KW-375KW;机座中心高:H80-H355。

YE2 series is a fully enclosed self-fan-cooled squirrel cage three-phase asynchronous motor with high efficiency newly developed by our company according to JB/T11707-2013. The efficiency index of this series motor reaches the three-pole energy efficiency in China GB18613-2012 Energy Efficiency Limitation Value and Energy Efficiency Grade of Small and Medium Three-phase Asynchronous Motor, and meets the IE2 energy efficiency grade of IEC60034-30 standard. YE2 series high efficiency three-phase asynchronous motors can be used to drive fans, pumps and other long-term load operation, each performance index reaches the international advanced level, high efficiency to achieve the purpose of energy saving and emission reduction. YE2 high efficiency three-phase asynchronous motor installation size, power grade in line with the International Electrotechnical Commission IEC60072-1 standard, the central high H160 or above motor can be equipped with non-stop oil injection and discharge device, and reserved for installation of thermistor and moisture-proof heating band space, convenient for users to choose. Temperature rise according to 80K assessment, motor temperature rise margin is large, long life; The rotor is made of cast aluminum technology with high operation reliability. Power range of this series of motors: 0.75KW-375KW; Base center height :H80-H355..

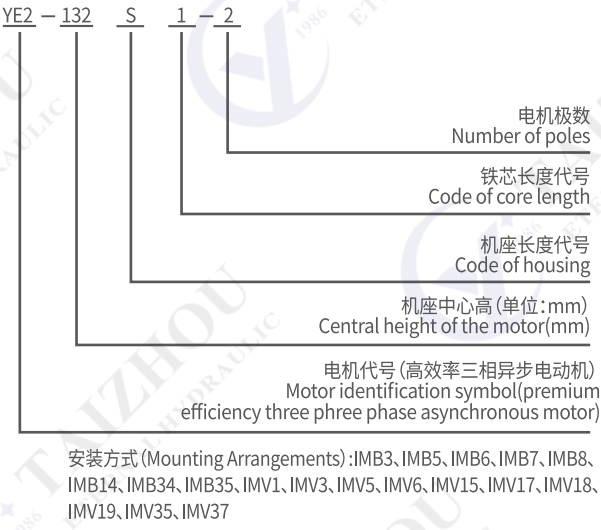
使用条件 OPERATING CONDITIONS

环境温度:-15°C-40°C
海拔:不超过1000米
额定电压:380V、400V、415V
额定频率:50Hz、60Hz
接法:额定功率3KW及以下电机为Y接法
额定功率4KW以上电机为△接法
工作制:连续工作制(S1)
防护等级:IP54/IP55
绝缘等级:B级/F级
冷却方式:IC411

Ambient Temperature:-15°C-40°C
Altitude:Up to 1000 meters
Rated Voltage:380V,400V,415V
Rated Frequency:50Hz-60Hz
Connection:Output≤3kw, 'Y' connection
Output≥4kw, '△' connection
Duty:Continuous(S1)
Ingress Protection:IP54/IP55
Insulation Class:Class B/Class F
Cooling Method:IC411

代号说明 DESIGNATION

电机型号释义/Explanation of type designation



YE2系列电机技术参数/Technical data-YE2 series motor-2 poles-50Hz

电机型号 Model	额定功率 Rated Output		满 载 时 Full Load						额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪 声 Noise	重 量 Weight
			转 速 Speed RPM	电 流 Input Current(amp)			效 率 Efficiency η%	功率因数 Power Factor cosΦ						
	kW	HP		380V	400V	415V								
YE2-80M1-2	0.75	1	2833	1.8	1.71	1.64	77.4	0.82	2.53	2.3	2.3	6.8	62	15
YE2-80M2-2	1.1	1.5	2833	2.53	2.4	2.32	79.6	0.83	3.71	2.3	2.3	7.1	62	16
YE2-90S-2	1.5	2	2847	3.34	3.17	3.06	81.3	0.84	5.03	2.3	2.3	7.3	67	19
YE2-90L-2	2.2	3	2847	4.73	4.49	4.33	83.2	0.85	7.38	2.3	2.3	7.6	67	23
YE2-100L-2	3	4	2876	6.19	5.88	5.67	84.6	0.87	9.96	2.2	2.3	7.8	74	30
YE2-112M-2	4	5.5	2885	8.05	7.65	7.37	85.8	0.88	13.24	2.2	2.3	8.1	77	39
YE2-132S1-2	5.5	7.5	2904	10.9	10.4	10	87.0	0.88	18.09	2.2	2.3	8.2	79	56
YE2-132S2-2	7.5	10	2904	14.5	13.8	13.3	88.1	0.89	24.66	2.2	2.3	7.8	79	59
YE2-160M1-2	11	15	2933	21	20	19.2	89.4	0.89	35.81	2.2	2.3	7.9	81	100
YE2-160M2-2	15	20	2933	28.4	26.9	26	90.3	0.89	48.84	2.2	2.3	7.9	81	115
YE2-160L-2	18.5	25	2933	34.7	33	31.8	90.9	0.89	60.24	2.2	2.3	8.0	81	135
YE2-180M-2	22	30	2943	41.1	39.1	37.7	91.3	0.89	71.38	2.2	2.3	8.1	83	163
YE2-200L1-2	30	40	2952	55.7	52.9	51	92.0	0.89	97.04	2.0	2.3	7.5	84	219
YE2-200L2-2	37	50	2952	68.3	64.9	62.5	92.5	0.89	119.7	2.0	2.3	7.5	84	242
YE2-225M-2	45	60	2962	82.7	78.6	75.7	92.9	0.89	145.1	2.2	2.3	7.5	86	291
YE2-250M-2	55	75	2967	100.7	95.7	92.2	93.2	0.89	177.0	2.2	2.3	7.6	89	387
YE2-280S-2	75	100	2971	136.5	129.7	125	93.8	0.89	241.1	1.8	2.3	6.9	91	501
YE2-280M-2	90	120	2971	163.3	155.1	149.5	94.1	0.89	289.3	1.8	2.3	6.9	91	528
YE2-315S-2	110	150	2976	196.9	187.1	180.3	94.3	0.90	353.0	1.8	2.2	7.0	92	958
YE2-315M-2	132	180	2976	235.6	223.8	215.7	94.6	0.90	423.5	1.8	2.2	7.0	92	1133
YE2-315L1-2	160	220	2976	281.8	267.7	258	94.8	0.91	513.4	1.8	2.2	7.1	92	1225
YE2-315L2-2	200	270	2976	351.5	333.9	321.9	95.0	0.91	641.7	1.8	2.2	7.1	92	1290
YE2-355M-2	250	340	2981	439.4	417.4	402.3	95.0	0.91	800.8	1.6	2.2	7.1	100	1840
YE2-355L-2	315	420	2981	553.6	525.9	506.9	95.0	0.91	1009.0	1.6	2.2	7.2	100	1930

YE2系列电机技术参数/Technical data-YE2 series motor-4 poles-50Hz

YE2-80M2-4	0.75	1	1395	1.88	1.79	1.72	79.6	0.76	5.13	2.3	2.3	6.4	56	16
YE2-90S-4	1.1	1.5	1404	2.67	2.53	2.44	81.4	0.77	7.48	2.3	2.3	6.6	59	18
YE2-90L-4	1.5	2	1404	3.53	3.35	3.23	82.8	0.78	10.20	2.3	2.3	6.7	59	22
YE2-100L1-4	2.2	3	1424	4.96	4.71	4.54	84.3	0.80	14.75	2.3	2.3	7.3	64	28
YE2-100L2-4	3	4	1424	6.58	6.25	6.03	85.5	0.81	20.12	2.3	2.3	7.5	64	33
YE2-112M-4	4	5.5	1443	8.66	8.23	7.93	86.6	0.81	26.47	2.3	2.3	7.5	65	43
YE2-132S-4	5.5	7.5	1443	11.6	11	10.6	87.7	0.82	36.40	2.0	2.3	7.5	71	59
YE2-132M-4	7.5	10	1443	15.5	14.7	14.2	88.7	0.83	49.63	2.0	2.3	7.3	71	70
YE2-160M-4	11	15	1462	22.4	21.3	20.5	89.8	0.83	71.85	2.0	2.3	7.4	73	109
YE2-160L-4	15	20	1462	29.9	28.4	27.4	90.6	0.84	97.97	2.0	2.3	7.5	73	130
YE2-180M-4	18.5	25	1467	36.3	34.4	33.2	91.2	0.85	120.4	2.0	2.3	7.6	76	162

YE2系列电机技术参数/Technical data-YE2 series motor-4 poles-50Hz

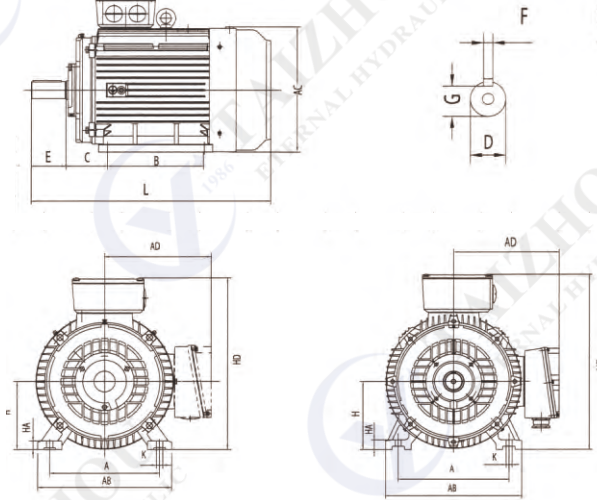
电机型号 Model	额定功率 Rated Output		满载时 Full Load						额定转矩 Rated Torque	堵转转矩	最大转矩	堵转电流	噪声	重量
			转速 Speed	电 流 Input Current(amp)			效 率 Efficiency	功率因数 Power Factor	额定转矩 Torque (Tn)	堵转转矩	最大转矩	堵转电流	噪声	重量
	kW	HP		RPM	380V	400V			415V	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn
YE2-180L-4	22	30	1467	42.9	40.8	39.3	91.6	0.85	143.2	2.1	2.3	7.7	76	178
YE2-200L-4	30	40	1471	58.1	55.2	53.2	92.3	0.85	194.7	2.1	2.3	7.1	76	237
YE2-225S-4	37	50	1476	70.5	67	64.6	92.7	0.86	239.4	2.1	2.3	7.3	78	281
YE2-225M-4	45	60	1476	85.4	81.1	78.2	93.1	0.86	291.1	2.2	2.3	7.3	78	319
YE2-250M-4	55	75	1476	103.9	98.7	95.2	93.5	0.86	355.8	2.2	2.3	7.3	79	392
YE2-280S-4	75	100	1481	139.3	132.4	127.6	94.0	0.87	483.6	2.2	2.3	6.8	80	517
YE2-280M-4	90	120	1481	165	156.7	151	94.2	0.88	580.3	2.2	2.3	6.9	80	597
YE2-315S-4	110	150	1481	198.7	188.8	182	94.5	0.89	709.2	2.1	2.2	6.9	88	855
YE2- 315M-4	132	180	1481	238	226.1	217.9	94.7	0.89	851.1	2.1	2.2	6.9	88	940
YE2-315L1-4	160	220	1481	284.6	270.4	260.6	94.9	0.90	1031.6	2.1	2.2	6.9	88	1015
YE2-315L2-4	200	270	1481	355	337.3	325.1	95.1	0.90	1289.5	2.1	2.2	6.9	88	1090
YE2-355M-4	250	340	1490	443.8	421.6	406.4	95.1	0.90	1602.2	2.0	2.2	6.9	95	1760
YE2-355L-4	315	430	1490	559.2	531.2	512	95.1	0.90	2018.7	2.0	2.2	6.9	95	1920

YE2系列电机技术参数/Technical data-YE2 series motor-6 poles-50Hz

YE2-90S-6	0.75	1	914	2.11	2.01	1.94	75.9	0.71	7.84	2.0	2.1	5.8	57	19
YE2-90L-6	1.1	1.5	914	2.97	2.82	2.72	78.1	0.72	11.49	2.0	2.1	5.9	57	22
YE2-100L-6	1.5	2	933	3.97	3.77	3.63	79.8	0.72	15.35	2.0	2.1	5.9	61	28
YE2-112M-6	2.2	3	943	5.68	5.39	5.2	81.8	0.72	22.28	2.0	2.1	6.2	65	40
YE2-132S-6	3	4	962	7.6	7.22	6.96	83.3	0.72	29.78	2.0	2.1	6.4	69	51
YE2-132M1-6	4	5.5	962	9.71	9.22	8.89	84.6	0.74	39.70	2.0	2.1	6.6	69	63
YE2-132M2-6	5.5	7.5	962	13	12.3	11.9	86.0	0.75	54.59	2.0	2.1	6.8	69	74
YE2-160M-6	7.5	10	971	16.8	15.9	15.3	87.2	0.78	73.76	2.0	2.1	6.8	73	99
YE2-160L-6	11	15	971	23.9	22.7	21.8	88.7	0.79	108.2	2.0	2.1	6.9	73	126
YE2-180L-6	15	20	971	31	29.4	28.4	89.7	0.82	147.5	2.0	2.1	7.3	73	164
YE2-200L1-6	18.5	25	976	38.9	36.9	35.6	90.4	0.80	181.0	2.0	2.1	7.2	73	208
YE2-200L2-6	22	30	976	45.4	43.1	41.6	90.9	0.81	215.2	2.0	2.1	7.3	73	226
YE2-225M-6	30	40	981	60.6	57.6	55.5	91.7	0.82	292.0	2.0	2.1	6.8	74	278
YE2-250M-6	37	50	981	73.5	69.8	67.3	92.2	0.83	360.2	2.0	2.1	7.0	76	368
YE2-280S-6	45	60	981	86.8	82.4	79.5	92.7	0.85	438.0	2.0	2.0	7.2	78	468
YE2-280M-6	55	75	981	104.4	99.2	95.6	93.1	0.86	535.4	2.0	2.0	7.2	78	530
YE2-315S-6	75	100	986	144.8	137.5	132.6	93.7	0.84	726.3	2.0	2.0	6.5	83	784
YE2- 315M-6	90	120	986	171.1	162.6	156.7	94.0	0.85	871.6	2.0	2.0	6.6	83	880
YE2-315L1-6	110	150	986	208.5	198.1	190.9	94.3	0.85	1065.3	2.0	2.0	6.6	83	1006
YE2-315L2-6	132	180	986	246.5	234.2	225.7	94.6	0.86	1278.4	2.0	2.0	6.6	83	1070
YE2-355M1-6	160	215	990	298.2	283.3	273	94.8	0.86	1543.3	2.0	2.0	6.7	85	1670
YE2-355M2-6	200	270	990	371.9	353.3	340.6	95.0	0.86	1929.1	2.0	2.0	6.8	85	1770
YE2-355L-6	250	340	990	409.1	441.7	425.7	95.0	0.86	2411.4	2.0	2.0	6.8	85	1880

B3外形及安装尺寸

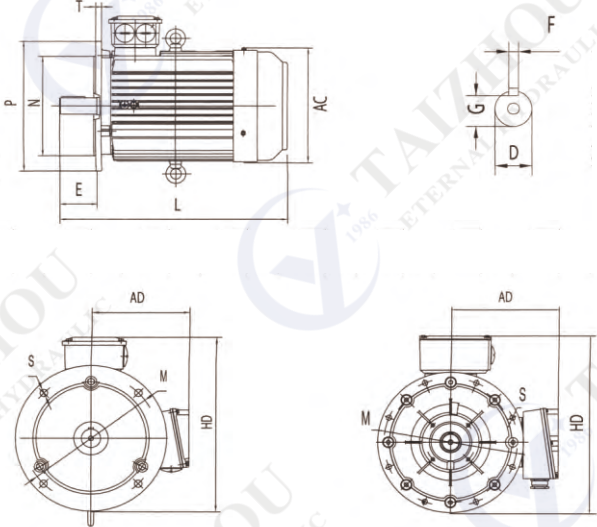
OUTLINE AND INSTALLATION DIMENSIONS



型 号 Model	极数 Poles	安装尺寸Mounting Dimension														
		A	B	C	D	E	F	G	H	K	L	AB	AC	AD	HA	HD
80	2,4,6,8	125	100	50	19	40	6	15.5	80	10	301	165	175	140	10	220
90S	2,4,6,8	140	100	56	24	50	8	20	90	10	360	180	195	150	12.5	260
90L	2,4,6,8	140	125	56	24	50	8	20	90	10	390	180	195	150	12.5	260
100L	2,4,6,8	160	140	63	28	60	8	24	100	12	435	205	215	160	14	275
112M	2,4,6,8	190	140	70	28	60	8	24	112	12	480	230	240	185	14	310
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	510	270	275	205	16	345
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	550	270	275	205	16	345
160M	2,4,6,8	254	210	108	42	110	12	37	160	14.5	667	320	330	250	19	425
160L	2,4,6,8	254	254	108	42	110	12	37	160	14.5	689	320	330	250	19	425
180M	2,4,6,8	279	241	121	48	110	14	42.5	180	14.5	732	350	380	270	22	460
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	14.5	780	350	380	270	22	460
200L	2,4,6,8	318	305	133	55	110	16	49	200	18.5	779	395	420	325	25	475
225S	4,6,8	356	286	149	60	140	18	53	225	18.5	836	436	465	335	28	560
225M	2	356	311	149	55	110	16	49	225	18.5	831	436	465	335	28	560
	4,6,8	356	311	149	60	140	18	53	225	18.5	866	436	465	335	28	560
250M	2	406	349	168	60	140	18	53	250	24	936	495	520	370	33	620
	4,6,8	406	349	168	65	140	18	58	250	24	942	495	520	370	33	620
280S	2	457	368	190	65	140	18	58	280	24	970	550	570	395	35	685
	4,6,8	457	368	190	75	140	20	67.5	280	24	975	550	570	395	35	685
280M	2	457	419	190	65	140	18	58	280	24	1020	550	570	395	35	685
	4,6,8	457	419	190	75	140	20	67.5	280	24	1015	550	570	395	35	685
315S	2	508	406	216	65	140	18	58	315	28	1160	635	650	495	45	820
	4,6,8	508	406	216	80	170	22	71	315	28	1270	635	650	495	45	820
315M	2	508	457	216	65	140	18	58	315	28	1270	635	650	495	45	820
	4,6,8	508	457	216	80	170	22	71	315	28	1317	635	650	495	45	820
315L	2	508	508	216	65	140	18	58	315	28	1270	635	650	495	45	820
	4,6,8	508	508	216	80	170	22	71	315	28	1317	635	650	495	45	820
355M	2	610	560	254	75	140	20	67.5	355	28	1500	735	735	650	49	1000
	4,6,8	610	560	254	95	170	25	86	355	28	1530	735	735	650	49	1000
355L	2	610	630	254	75	140	20	67.5	355	28	1500	735	735	650	49	1000
	4,6,8	610	630	254	95	170	25	86	355	28	1630	735	735	650	49	1000

B5外形及安装尺寸

OUTLINE AND INSTALLATION DIMENSIONS



型号 Model	极数 Poles	安装尺寸Mounting Dimension														
		D	E	F	G	L	M	N	P	S	T	AC	AD	HD		
80	2,4,6,8	19	40	6	15.5	301	165	130	200	12	3.5	175	140	220		
90S	2,4,6,8	24	50	8	20	360	165	130	200	12	3.5	195	150	260		
90L	2,4,6,8	24	50	8	20	390	165	130	200	12	3.5	195	150	260		
100L	2,4,6,8	28	60	8	24	435	215	180	250	14.5	4	215	160	275		
112M	2,4,6,8	28	60	8	24	480	215	180	250	14.5	4	240	185	310		
132S	2,4,6,8	38	80	10	33	510	265	230	300	14.5	4	275	205	345		
132M	2,4,6,8	38	80	10	33	550	265	230	300	14.5	4	275	205	345		
160M	2,4,6,8	42	110	12	37	667	300	250	350	18.5	5	330	250	425		
160L	2,4,6,8	42	110	12	37	689	300	250	350	18.5	5	330	250	425		
180M	2,4,6,8	48	110	14	42.5	732	300	250	350	18.5	5	380	270	460		
180L	2,4,6,8	48	110	14	42.5	780	300	250	350	18.5	5	380	270	460		
200L	2,4,6,8	55	110	16	49	779	350	300	400	18.5	5	420	325	475		
225S	4,6,8	60	140	18	53	836	400	350	450	18.5	5	465	335	560		
225M	2	55	110	16	49	831	400	350	450	18.5	5	465	335	560		
	4,6,8	60	140	18	53	866	400	350	450	18.5	5	465	335	560		
250M	2	60	140	18	53	936	500	450	550	18.5	5	520	370	620		
	4,6,8	65	140	18	58	942	500	450	550	18.5	5	520	370	620		
280S	2	65	140	18	58	970	500	450	550	18.5	5	570	395	685		
	4,6,8	75	140	20	67.5	975	500	450	550	18.5	5	570	395	685		
280M	2	65	140	18	58	1020	500	450	550	18.5	5	570	395	685		
	4,6,8	75	140	20	67.5	1015	500	450	550	18.5	5	570	395	685		
315S	2	65	140	18	58	1160	600	550	660	24	6	650	495	820		
	4,6,8	80	170	22	71	1270	600	550	660	24	6	650	495	820		
315M	2	65	140	18	58	1270	600	550	660	24	6	650	495	820		
	4,6,8	80	170	22	71	1317	600	550	660	24	6	650	495	820		
315L	2	65	140	18	58	1207	600	550	660	24	6	650	495	820		
	4,6,8	80	170	22	71	1310	600	550	660	24	6	650	495	820		
355M	2	75	140	20	67.5	1517	740	680	800	24	6	735	650	1000		
	4,6,8	95	170	25	86	1500	740	680	800	24	6	735	650	1000		
355L	2	75	140	20	67.5	1630	740	680	800	24	6	735	650	1000		
	4,6,8	95	170	25	86	1630	740	680	800	24	6	735	650	1000		

YBX3

高效隔爆型三相异步电动机
High Efficiency Flameproof Three Phase Asynchronous Motor



产品概述 PRODUCT OVERVIEW

YBX3系列隔爆型三相异步电动机是我公司在参考行业统一设计基础上研制开发的全封闭、自扇冷、鼠笼式、隔爆型三相异步电动机的基本系列。效率执行GB18613-2012《中小型三相异步电动机能效限定值及能效等级》中的能效限定值标准，效率达到国家2级能效，且具有性能优良，使用安全可靠，振动，噪声比同类产品小的特点，符合环保要求。YBX3系列电机防爆性能符合GB3836.1-2010《爆炸性环境第1部分：设备通用要求》和GB3836.2-2010《爆炸性环境第2部分：由隔爆外壳“D”保护的设 备》的规定，制成隔爆型。YBX3系列电机防爆标志分为：EXDL、EXDIIAT4和ExdII AT4,其中Exd II 适用于有甲烷或煤尘爆炸性气体混合物存在的煤矿工作面环境；EXD II AT4和EXD IIBT4适用于工厂用“类A级，B级，温度组别为T1、T2、T3和T4组的爆炸性气体混合物存在的环境。

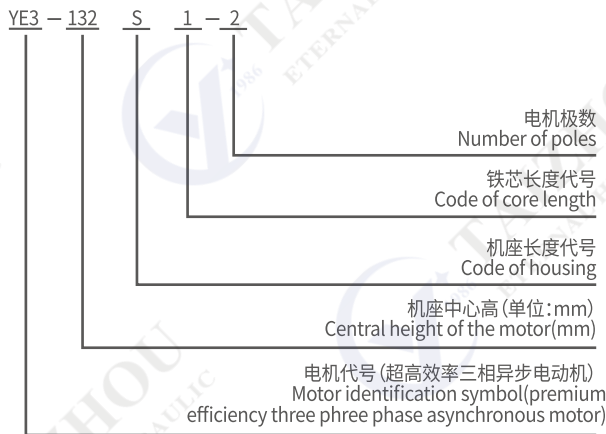
使用条件 OPERATING CONDITIONS

环境温度：-15℃~40℃
海拔：不超过1000米
额定电压：380V、600V、1140V、380/660V/660/1140V
额定频率：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△接法
工作制：连续工作制（S1）
防护等级：IP55
防爆等级：ExdII BT4
绝缘等级：F级
冷却方式：IC411

Ambient Temperature:-15℃~40℃
Altitude:Up to 1000 meters
Rated Voltage:380V,400V,415V
Rated Frequency:50Hz,60Hz
Connection:Output≤3kW,'Y'connection
Output ≥ 4kW, " connection;
Duty:Continuous(S1)
Ingress Protection:IP 55
Explosion-proof grade:ExdII BT4
Insulation Class: Class F
Cooling Method: IC411

代号说明 DESIGNATION

电机型号释义/Explanation of type designation



安装方式 (Mounting Arrangements): IMB3、IMB5、IMB6、IMB7、IMB8、IMB14、IMB34、IMB35、IMV1、IMV3、IMV5、IMV6、IMV15、IMV17、IMV18、IMV19、IMV35、IMV37

YBX3系列电机技术参数/Technical data—YBX3 series motor— 2 Poles—50Hz

电机型号 Model	额定功率 Rated Output	满 载 时 Full Load					额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	空载时 No Load		
		转 速 Speed	电 流 Input Current(amp)		效 率 Efficiency	功率因数 Power Factor					噪 声 Noise	振 动 Vibration	重 量 Weight
			380V	660V									
	KW	RPM	380V	660V	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	mm/s	Kg
YBX3-80M1-2	0.75	2845	1.72	/	80.7	0.82	2.52	2.3	2.3	7.0	62	1.6	27
YBX3-80M2-2	1.1	2845	2.43	/	82.7	0.83	3.69	2.2	2.3	7.3	62	1.6	28
YBX3-90S-2	1.5	2855	3.22	/	84.2	0.84	5.05	2.2	2.3	7.6	67	1.6	30
YBX3-90L-2	2.2	2855	4.58	/	85.9	0.85	7.36	2.2	2.3	7.6	67	1.6	36
YBX3-100L-2	3	2885	6.02	/	87.1	0.87	9.93	2.2	2.3	7.8	74	1.6	44
YBX3-112M-2	4	2890	7.84	4.51	88.1	0.88	13.22	2.2	2.3	8.3	77	1.6	58
YBX3-132S1-2	5.5	2910	10.6	6.13	89.2	0.88	18.05	2.0	2.3	8.3	79	1.6	85
YBX3-132S2-2	7.5	2910	14.4	8.27	90.1	0.88	24.61	2.0	2.3	7.9	79	1.6	88
YBX3-160M1-2	11	2935	20.6	11.86	91.2	0.89	35.79	2.0	2.3	8.1	81	2.2	138
YBX3-160M2-2	15	2935	27.9	16.04	91.9	0.89	48.80	2.0	2.3	8.1	81	2.2	149
YBX3-160L-2	18.5	2935	34.2	19.68	92.4	0.89	60.19	2.0	2.3	8.2	81	2.2	170
YBX3-180M-2	22	2950	40.5	23.33	92.7	0.89	71.33	2.0	2.3	8.2	83	2.2	210
YBX3-200L1-2	30	2955	54.9	31.61	93.3	0.89	96.94	2.0	2.3	7.6	84	2.2	263
YBX3-200L2-2	37	2955	67.4	38.81	93.7	0.89	119.6	2.0	2.3	7.6	84	2.2	290
YBX3-225M-2	45	2960	80.8	46.53	94.0	0.90	145.2	2.0	2.3	7.7	86	2.2	347
YBX3-250M-2	55	2965	98.5	56.69	94.3	0.90	177.1	2.0	2.3	7.7	89	2.2	452
YBX3-280S-2	75	2970	133.7	76.98	94.7	0.90	241.1	1.8	2.3	7.1	91	2.2	588
YBX3-280M-2	90	2970	159.9	92.08	95.0	0.90	289.4	1.8	2.3	7.1	91	2.8	630
YBX3-315S-2	110	2975	195.9	112.3	95.2	0.90	353.1	1.8	2.3	7.1	92	2.8	1050
YBX3-315M-2	132	2975	233.6	134.5	95.4	0.90	432.7	1.8	2.3	7.1	92	2.8	1260
YBX3-315L1-2	160	2975	279.4	160.9	95.6	0.91	513.6	1.8	2.3	7.2	92	2.8	1365
YBX3-315L2-2	200	2975	348.6	200.7	95.8	0.91	641.9	1.8	2.2	7.2	92	2.8	1395
YBX3-355M-2	250	2980	435.7	250.9	95.8	0.91	801.1	1.6	2.2	7.2	100	2.8	2100
YBX3-355L-2	315	2980	549	316.1	95.8	0.91	1009.4	1.6	2.2	7.2	100	2.8	2200

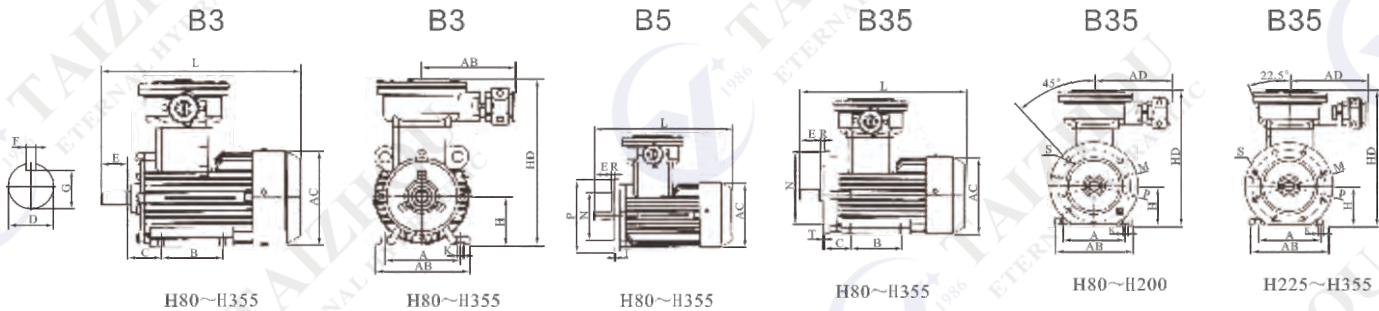
YBX3系列电机技术参数/Technical data—YBX3 series motor— 4 Poles—50Hz

YBX3-80M2-4	0.75	1400	1.84	/	82.5	0.75	5.12	2.3	2.3	6.6	56	1.6	28
YBX3-90S-4	1.1	1410	2.61	/	84.1	0.76	7.45	2.3	2.3	6.8	59	1.6	30
YBX3-90L-4	1.5	1410	3.47	/	85.3	0.77	10.16	2.3	2.3	7.0	59	1.6	37
YBX3-100L1-4	2.2	1430	4.76	/	86.7	0.81	14.69	2.3	2.3	7.6	64	1.6	43
YBX3-100L2-4	3	1430	6.34	/	87.7	0.82	20.03	2.3	2.3	7.6	64	1.6	46
YBX3-112M-4	4	1445	8.37	4.82	88.6	0.82	26.43	2.2	2.3	7.8	65	1.6	68
YBX3-132S-4	5.5	1445	11.2	6.47	89.6	0.83	36.35	2.0	2.3	7.9	71	1.6	85
YBX3-132M-4	7.5	1445	15.0	8.64	90.4	0.84	49.56	2.0	2.3	7.5	71	1.6	103
YBX3-160M-4	11	1465	21.5	12.39	91.4	0.85	71.70	2.2	2.3	7.7	73	2.2	139
YBX3-160L-4	15	1465	28.8	16.57	92.1	0.86	9.77	2.2	2.3	7.8	73	2.2	155
YBX3-180M-4	18.5	1470	35.3	20.32	92.6	0.86	120.2	2.0	2.3	7.8	76	2.2	206
YBX3-180L-4	22	1470	41.8	24.06	93.0	0.86	142.9	2.0	2.3	7.8	76	2.2	226

YBX3系列电机技术参数/Technical data—YBX3 series motor— 4 Poles—50Hz													
电机型号 Model	额定功率 Rated Output	满 载 时 Full Load					额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	空载时 No Load		
		转 速 Speed	电 流 Input Current(amp)		效 率 Efficiency	功率因数 Power Factor					噪声 Noise	振 动 Vibration	重 量 Weight
			380V	660V									
	KW	RPM			η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	mm/s	Kg
YBX3-200L-4	30	1475	56.6	32.60	93.6	0.86	194.2	2.0	2.3	7.3	76	2.2	307
YBX3-225S-4	37	1480	69.6	40.08	93.9	0.86	238.7	2.0	2.3	7.4	78	2.2	347
YBX3-225M-4	45	1480	84.4	48.59	94.2	0.86	290.3	2.0	2.3	7.4	78	2.2	382
YBX3-250M-4	55	1480	102.7	59.14	94.6	0.86	354.9	2.0	2.3	7.4	79	2.2	467
YBX3-280S-4	75	1485	136.3	78.48	95.0	0.88	482.3	2.0	2.3	6.9	80	2.2	630
YBX3-280M-4	90	1485	163.2	93.98	95.2	0.88	578.7	2.0	2.3	6.9	80	2.2	99
YBX3-315S-4	110	1485	196.8	133.3	95.4	0.89	707.3	2.0	2.2	7.0	88	2.8	1040
YBX3-315M-4	132	1485	235.7	135.7	95.6	0.89	848.8	2.0	2.2	7.0	88	2.8	1155
YBX3-315L1-4	160	1485	285.1	164.2	95.8	0.89	1028.8	2.0	2.2	7.1	88	2.8	1236
YBX3-315L2-4	200	1485	354.7	202.5	96.0	0.90	1286.1	2.0	2.2	7.1	88	2.8	1313
YBX3-355M-4	250	1490	439.6	253.1	96.0	0.90	1602.2	2.0	2.2	7.1	95	2.8	1995
YBX3-315L-4	315	1490	553.9	318.9	96.0	0.90	2018.7	2.0	2.2	7.1	95	2.8	2205

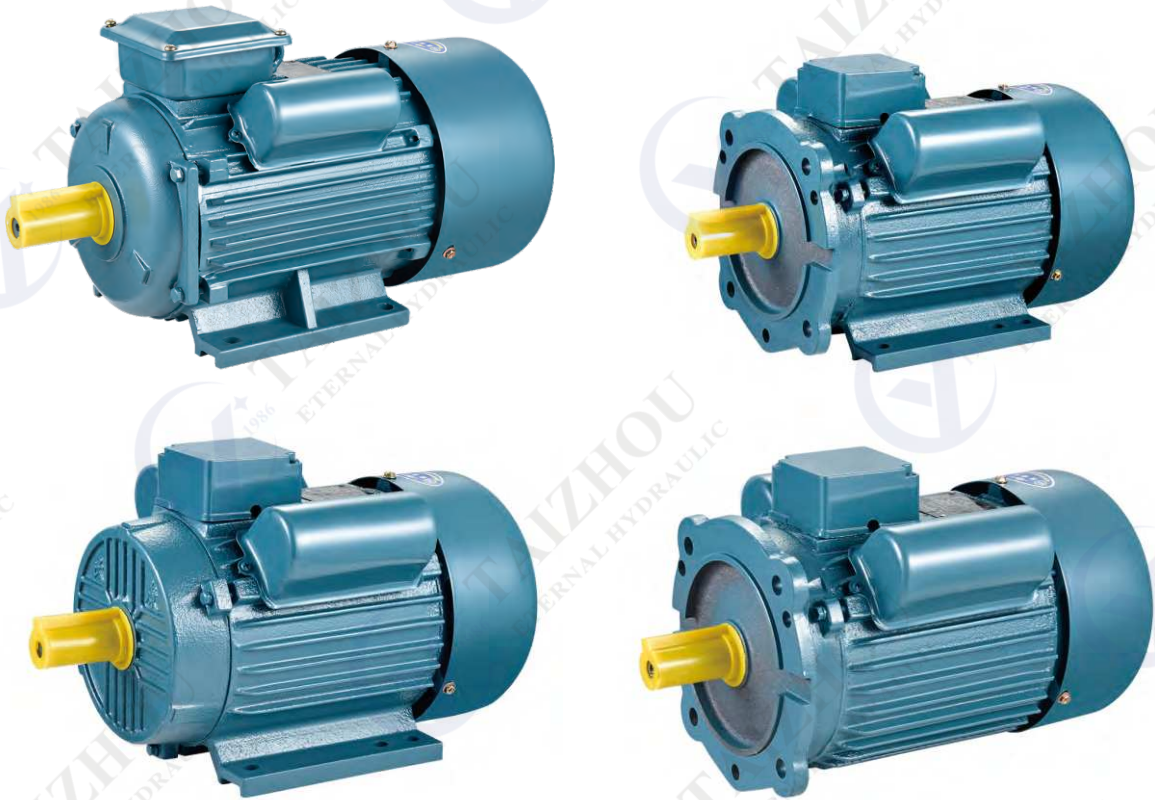
YBX3系列电机技术参数/Technical data—YBX3 series motor— 6 Poles—50Hz													
YBX3-90S-6	0.75	920	2.03	/	78.9	0.71	7.78	2.0	2.1	6.0	57	1.6	33
YBX3-90L-6	1.1	920	2.83	/	81.0	0.73	11.42	2.0	2.1	6.0	57	1.6	37
YBX3-100L-6	1.5	935	3.78	/	82.5	0.73	15.32	2.0	2.1	6.5	61	1.6	43
YBX3-112M-6	2.2	945	5.36	/	84.3	0.74	22.23	2.0	2.1	6.6	65	1.6	65
YBX3-132S-6	3	965	7.20	/	85.6	0.74	29.69	2.0	2.1	6.8	69	1.6	79
YBX3-132M1-6	4	965	9.46	5.45	86.8	0.74	39.58	2.0	2.1	6.8	69	1.6	93
YBX3-132M2-6	5.5	965	12.7	7.3	88.0	0.75	54.42	2.0	2.1	7.0	69	1.6	105
YBX3-160M-6	7.5	975	16.2	9.32	89.1	0.79	73.45	2.0	2.1	7.0	73	2.2	130
YBX3-160L-6	11	975	23.1	13.32	90.3	0.80	107.7	2.0	2.1	7.2	73	2.2	158
YBX3-180L-6	15	975	30.9	17.76	91.2	0.81	146.9	2.0	2.1	7.3	73	2.2	218
YBX3-200L1-6	18.5	975	37.8	21.79	91.7	0.81	181.2	2.0	2.1	7.3	73	2.2	273
YBX3-200L2-6	22	975	44.8	25.77	92.2	0.81	215.5	2.0	2.1	7.4	73	2.2	289
YBX3-225M-6	30	980	59.1	34.04	92.9	0.83	292.3	2.0	2.1	6.9	74	2.2	347
YBX3-250M-6	37	980	71.7	41.30	93.3	0.84	360.5	2.0	2.1	7.1	76	2.2	452
YBX3-280S-6	45	980	85.8	49.43	93.7	0.85	438.5	2.0	2.0	7.3	78	2.2	586
YBX3-280M-6	55	980	103.3	59.45	94.1	0.86	535.9	2.0	2.0	7.3	78	2.8	630
YBX3-315S-6	75	985	143.4	82.57	94.6	0.84	727.1	2.0	2.0	6.6	78	2.8	982
YBX3-315M-6	90	985	169.5	97.60	94.9	0.85	872.5	2.0	2.0	6.7	83	2.8	1109
YBX3-315L1-6	110	985	206.8	119.0	95.1	0.85	1066.4	2.0	2.0	6.7	83	2.8	1224
YBX3-315L2-6	132	985	244.5	140.7	95.4	0.86	1279.7	2.0	2.0	6.8	83	2.8	1294
YBX3-355M1-6	160	990	295.7	170.2	95.6	0.86	1453.3	1.8	2.0	6.8	85	2.8	1940
YBX3-355M2-6	200	990	364.6	209.9	95.8	0.87	1929.1	1.8	2.0	6.8	85	2.8	2056
YBX3-355L-6	250	990	455.7	262.4	95.8	0.87	2411.4	1.8	2.0	6.8	85	2.8	2252

B5外形及安装尺寸
OUTLINE AND INSTALLATION DIMENSIONS



机座号 Frame	极数 Poles	安装尺寸Mounting Dimension															法兰 孔数	YBX3/YBVP2/YBD2			
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T		AB	AC	AD	HD
80M	2,4,6,8	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	4	165	165	180	320
90S	2,4,6,8	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	180	180	350
90L	2,4,6,8	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	180	180	350
100L	2,4,6,8	160	140	63	28	60	8	24	100	12	215	180	250	0	14.5	4	4	200	205	180	400
112M	2,4,6,8	190	140	70	28	60	8	24	112	12	215	180	250	0	14.5	4	4	245	230	200	420
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	265	230	300	0	14.5	4	4	280	270	200	450
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	265	230	300	0	14.5	4	4	280	270	200	450
160M	2,4,6,8	254	210	108	42	110	12	37	160	15	300	250	350	0	18.5	5	4	330	325	220	520
160L	2,4,6,8	254	254	108	42	110	12	37	160	15	300	250	350	0	18.5	5	4	330	325	220	520
180M	2,4,6,8	279	241	121	48	110	14	42.5	180	15	300	250	350	0	18.5	5	4	355	360	220	550
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	15	300	250	350	0	18.5	5	4	355	360	220	550
200L	2,4,6,8	318	305	133	55	110	16	49	200	19	350	300	400	0	18.5	5	4	390	400	250	645
225S	4,8	356	286	149	60	140	18	53	225	19	400	350	450	0	18.5	5	8	435	450	250	690
225M	2	356	311	149	55	110	16	49	225	19	400	350	450	0	18.5	5	8	435	450	250	690
	4,6,8	356	311	149	60	140	18	53	225	19	400	350	450	0	18.5	5	8	435	450	250	690
250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	18.5	5	8	490	500	300	730
	4,6,8	406	349	168	65	140	18	58	250	24	500	450	550	0	18.5	5	8	490	500	300	730
280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	18.5	5	8	545	565	300	810
	4,6,8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	18.5	5	8	545	565	300	810
280M	2	457	419	190	65	140	18	58	280	24	500	450	550	0	18.5	5	8	545	565	300	810
	4,6,8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	18.5	5	8	545	565	300	810
315S	2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6	8	640	630	400	1020
	4,6,8	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6	8	640	630	400	1020
315M	2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6	8	640	630	400	1020
	4,6,8	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6	8	640	630	400	1020
315L	2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6	8	640	630	400	1020
	4,6,8	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6	8	640	630	400	1020
355S	2	610	500	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	500	1080
	4,6,8	610	500	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	500	1080
355M	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	500	1080
	4,6,8	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	500	1080
355L	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	500	1080
	4,6,8	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	500	1080

YL 双值电容单相异步电动机
Double-value Capacitor Single-phase Asynchronous Motor



产品概述 PRODUCT OVERVIEW

YL系列单相双值电容异步电动机是按照国家标准设计和制造的，具有低噪音，结构紧凑，重量轻，维修方便等特点。这些电机广泛应用于空气压缩机，水泵，风机，减速机，食品机械，小型机械等，特别是对只能提供单相电源的场所非常适用。

YL series single-phase double-value capacitor asynchronous motors are designed and manufactured according to national standards. They are characterized by low noise, compact structure, light weight and easy maintenance. These motors are widely used in air compressors, pumps, fans, speed reducers, food machinery, small machinery, etc., especially in places where only single phase power supply can be provided.

使用条件 CONDITIONS OF USE

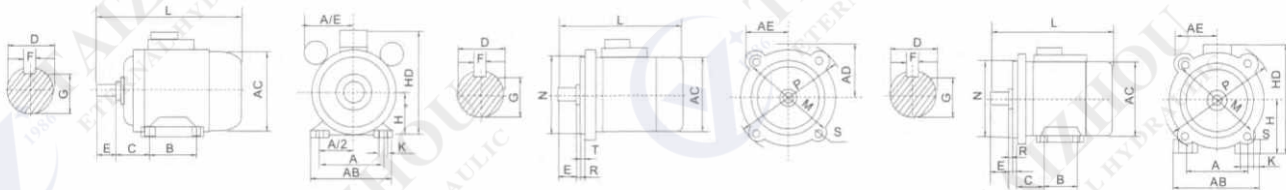
环境温度: -15℃≤0≤40℃
海拔: 不超过1000m
额定电压: 220V
额定频率: 50Hz、60Hz
防护等级: IP44、IP54
绝缘等级: B级、F级
冷却方式: ICO141
工作方式: 连续S1

Ambient temperature:-15℃≤0≤40℃
Altitude :no exceeding 1000m
Rated voltage:220V
Rated Frequency: 50Hz、60Hz
Protection Level: IP44、IP54
Insulation Class: Class B , Class F
Cooling mode:ICO141
Working mode :continuous S1

技术参数 Technical Data

型号 Type	功率Output		电压 Voltage (V)	频率 Frequency (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
	kW	HP									
YL7112	0.37	0.5	220	50	2.74	2800	67	0.92	1.8	6.0	1.8
YL7122	0.55	0.75	220	50	3.88	2800	70	0.92	1.8	6.0	1.8
YL7114	0.25	0.33	220	50	1.99	1400	62	0.92	1.8	6.0	1.8
YL7124	0.37	0.5	220	50	2.81	1400	65	0.92	1.8	6.0	1.8
YL8012	0.75	1	220	50	5.15	2800	72	0.92	1.8	6.0	1.8
YL8022	1.1	1.5	220	50	7.02	2800	75	0.95	1.8	6.0	1.8
YL8014	0.55	0.75	220	50	4.0	1400	68	0.92	1.8	6.0	1.8
YL8024	0.75	1	220	50	5.22	1400	71	0.92	1.8	6.0	1.8
YL90S-2	1.5	2	220	50	9.4	2800	76	0.95	1.8	6.0	1.8
YL90L-2	2.2	3	220	50	13.7	2800	77	0.95	1.8	6.0	1.8
YL90S-4	1.1	1.5	220	50	7.21	1400	73	0.95	1.8	6.0	1.8
YL90L-4	1.5	2	220	50	9.57	1400	75	0.95	1.8	6.0	1.8
YL100L-2	3	4	220	50	18.4	2820	79	0.95	1.8	6.0	1.8
YL100L1-4	2.2	3	220	50	13.9	1410	76	0.95	1.8	6.0	1.8
YL100L2-4	3	4	220	50	18.6	1420	77	0.95	1.8	6.0	1.8
YL112M-2	3.7	5	220	50	22.2	2820	80	0.95	1.8	6.0	1.8
YL112M-4	2.2	3	220	50	13.9	1410	78	0.95	1.8	6.0	1.8
YL112M1-4	3	4	220	50	18.17	1420	77	0.95	1.8	6.0	1.8
YL112M2-4	3.7	5	220	50	23	1430	78	0.95	1.8	6.0	1.8
YL132S1-4	3	4	220	50	18.17	1420	77	0.95	1.8	6.0	1.8
YL132S2-4	3.7	5	220	50	23	1430	78	0.95	1.8	6.0	1.8
YL132M-4	5.5	7.5	220	50	32.5	1430	78	0.95	1.8	6.0	1.8

外形及安装尺寸
OUTLINE AND INSTALLATION DIMENSIONS



IMB3

IMB5

IMB35

Frame No.	Mounting Dimensions(mm)															Overall Dimension(mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
71	112	90	45	14	30	5	11	71	7	130	110	160	0	10	3.5	145	145	140	180	255
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	160	165	150	200	295
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	240	370
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	240	400
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4.0	205	220	180	260	430
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4.0	245	250	190	300	455
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	210	350	525
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	210	350	553

YE2 高效铝壳异步电动机
High Efficiency Aluminum Case Induction Motor



产品概述 PRODUCT OVERVIEW

YE2系列铝壳三相异步电动机是Y2系列铝壳三相异步电动机的改进型产品, 采用了铝合金压铸机座、端盖、接线盒、以及可拆卸式底脚, 其安装尺寸与功率等级和YE2系列或Y2系列电机保持一致。YE2系列铝壳三相异步电动机有如下优点: 高效节能、启动转矩大、噪音低、结构合理、运行可靠、安装使用方便同时具有更加光洁的外观、更好的散热性能以及更轻的重量。YE2系列铝壳三相异步电动机使用条件同Y2系列电机, 并按我国国家标准GB18613-2012规定的3级能效制造, 等同于国际电工委员会IE2高效标准。本公司同时可提供 II 级能效的YE3系列铝壳电机。

YE2 Series Aluminium Shelled Three-phase Asynchronous Motor is an improved product of Y2 Series Aluminium Shelled Three-phase Asynchronous Motor, which adopts aluminum alloy die-casting base, end cover, junction box, and detachable foot. Its mounting size and power grade are the same as YE2 Series or Y2 Series motors. YE2 series aluminum shell three-phase asynchronous motors have the following advantages: high efficiency and energy saving, high starting torque, low noise, reasonable structure, reliable operation, easy to install and use, and have a brighter appearance, better heat dissipation performance and lighter weight. YE2 series aluminum shell three-phase asynchronous motors have the same operating conditions as Y2 series motors, and are manufactured in accordance with the national standard GB18613-2012 of Grade 3 energy efficiency, which is equivalent to the International Electrotechnical Commission IE2 efficiency standard. At the same time the company can provide a level II YE3 series aluminum shell motor efficiency.

使用条件 OPERATING CONDITIONS

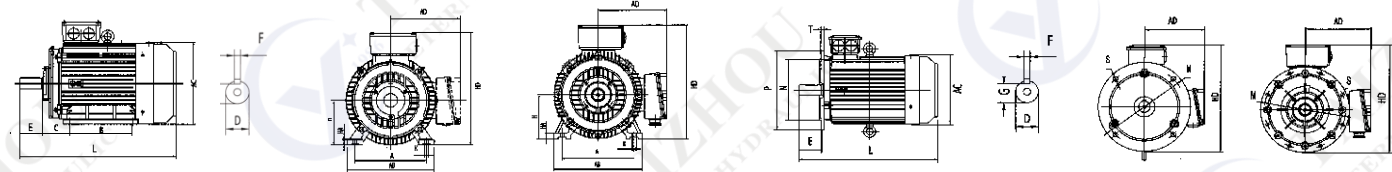
环境温度: -15℃~40℃	Ambient temperature: -- 15℃~40℃
海 拔: 不超过1000米	Haiba: Not more than a thousand meters
额定电压: 380V、400V、415V	Rated voltage: 380V, 400V, 415V
额定频率: 50Hz、60Hz	Rated frequency: 50Hz, 60Hz
接 法: 额定功率3KWE及以下电机为Y接法 额定功率4KW及以上电机为△接法	Connection method: Y-connection method is used for motors with rated power of 3KWE and below The rated power of 4KW and above is △ connection method
工 作 制: 连续工作制(S1)	Work system: continuous work system (S1)
防护等级: IP54/IP55	Protection grade: IP54/IP55
绝缘等级: B级/F级	Insulation grade: B /F
冷却方式: IC411	Cooling method: IC411

YE2系列电机技术参数/Technical data—YEJ series motor— 4 Poles—380V/50Hz

电机型号 Model	额定功率 Rated Output		满 载 时 Full Load				额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	静制动转矩 Static braking torque	空间制动 时间不大于 Max.braking tinme at no-load	制动力 功率 Brake Power
			转 速 Speed	电 流 Input Current	效 率 Efficiency	功率因数 Power Factor							
	kW	HP	RPM	Amp	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In	N.m	S	W
YE2-80M1-2	0.75	1	2833	1.8	77.4	0.82	2.53	2.3	2.3	6.8	6.1	67	8.5
YE2-80M2-2	1.1	1.5	2833	2.53	79.6	0.83	3.71	2.3	2.3	7.1	7.0	67	9.5
YE2-90S-2	1.5	2	2847	3.34	81.3	0.84	5.03	2.3	2.3	7.3	7.0	72	12
YE2-90L-2	2.2	3	2847	4.73	83.2	0.85	7.38	2.3	2.3	7.6	7.0	72	16
YE2-100L-2	3	4	2876	6.19	84.6	0.87	9.96	2.2	2.3	7.8	7.5	76	20
YE2-112M-2	4	5.5	2885	8.05	85.8	0.88	13.24	2.2	2.3	8.1	7.5	77	23
YE2-132S1-2	5.5	7.5	2904	10.9	87.0	0.88	18.09	2.2	2.3	8.2	7.5	80	37
YE2-132S2-2	7.5	10	2904	14.5	88.1	0.89	24.66	2.2	2.3	7.8	7.5	80	40
YE2-80M2-4	0.75	1	1395	1.88	79.6	0.76	5.13	2.3	2.3	6.4	6.0	58	9
YE2-90S-4	1.1	1.5	1404	2.67	81.4	0.77	7.48	2.3	2.3	6.6	6.0	61	12
YE2-90L-4	1.5	2	1404	3.53	82.8	0.78	10.20	2.3	2.3	6.7	6.0	61	15
YE2-100L1-4	2.2	3	1424	4.96	84.3	0.80	14.75	2.3	2.3	7.3	7.0	64	19
YE2-100L2-4	3	4	1424	6.58	85.5	0.81	20.12	2.3	2.3	7.5	7.0	64	22
YE2-112M-4	4	5.5	1443	8.66	86.6	0.81	26.47	2.3	2.3	7.5	7.0	65	29
YE2-132S-4	5.5	7.5	1443	11.6	87.7	0.82	36.40	2.0	2.3	7.5	7.0	71	38
YE2-71M1-6	0.18	0.25	860	0.74	56	0.66	2.00	1.9	2.0	4.0	4.0	52	6
YE2-71M2-6	0.25	0.35	860	0.95	59	0.68	2.78	1.9	2.0	4.0	4.0	52	6.5
YE2-80M1-6	0.37	0.5	885	1.3	62	0.70	3.93	1.9	2.0	4.7	4.7	54	9
YE2-80M2-6	0.55	0.75	885	1.79	65	0.72	5.84	1.9	2.1	4.7	4.7	54	10
YE2-90S-6	0.75	1	914	2.11	75.9	0.71	7.84	2.0	2.1	5.8	5.5	57	12
YE2-90L-6	1.1	1.5	914	2.97	78.1	0.72	11.49	2.0	2.1	5.9	5.5	57	16
YE2-100L-6	1.5	2	933	3.97	79.8	0.72	15.35	2.0	2.1	5.9	5.5	61	18
YE2-112M-6	2.2	3	943	5.68	81.8	0.72	22.28	2.0	2.1	6.2	6.5	65	23
YE2-132S-6	3	4	962	7.6	83.3	0.72	29.78	2.0	2.1	6.4	6.5	69	33

B3外形及安装尺寸

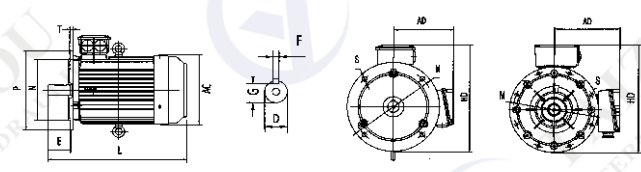
OUTLINE AND INSTALLATION DIMENSIONS



型号 Model	极数 Poles	安装尺寸Mounting Dimension													
80	2.4.6.8	125	100	50	19	40	6	15.5	80	10	301	165	175	140	10
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	360	180	195	150	12.5
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	390	180	195	150	12.5
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	435	205	215	160	14
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	480	230	240	185	14
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	510	270	275	205	16
132M	2.4.6.8	216	178	89	38	80	10	33	132	12	550	270	275	205	16

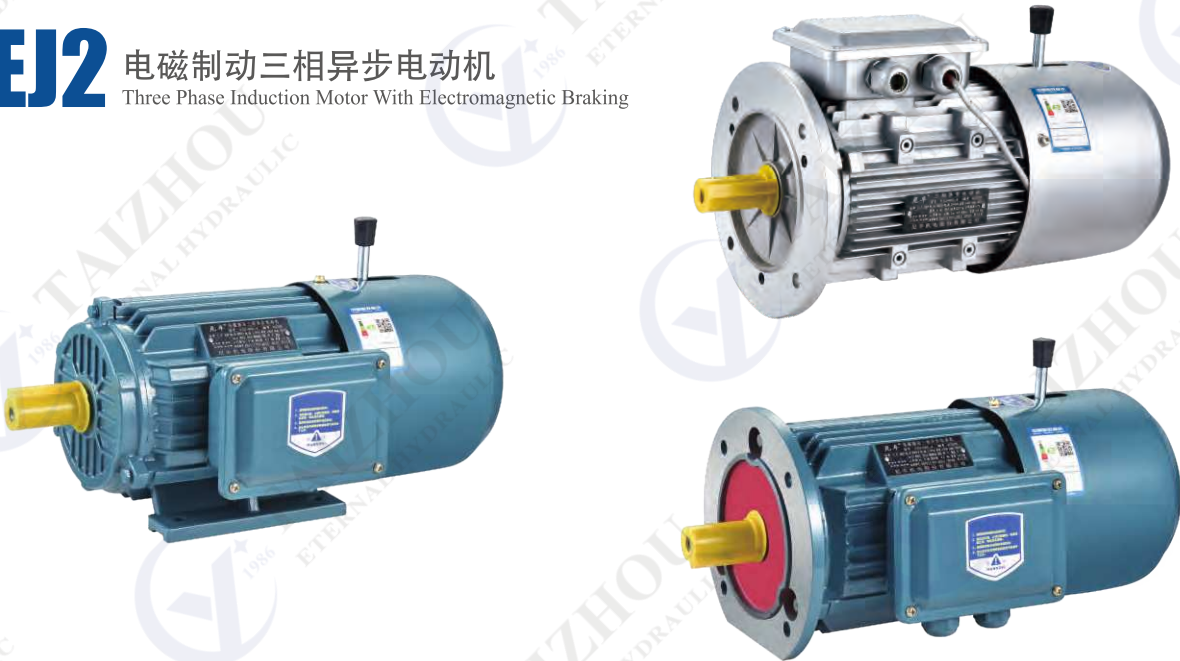
B5外形及安装尺寸

OUTLINE AND INSTALLATION DIMENSIONS



型号 Model	极数 Poles	安装尺寸Mounting Dimension													
		D	E	F	G	L	M	N	P	S	T	AC	AD	HD	
80	2.4.6.8	19	40	6	15.5	301	165	130	200	12	3.5	175	140	220	
90S	2.4.6.8	24	50	8	20	360	165	130	200	12	3.5	195	150	260	
90L	2.4.6.8	24	50	8	20	390	165	130	200	12	3.5	195	150	260	
100L	2.4.6.8	28	60	8	24	435	215	180	250	14.5	4	215	160	275	
112M	2.4.6.8	28	60	8	24	480	215	180	250	14.5	4	240	185	310	
132S	2.4.6.8	38	80	10	33	510	265	230	300	14.5	4	275	205	345	
132M	2.4.6.8	38	80	10	33	550	265	230	300	14.5	4	275	205	345	

YEJ2 电磁制动三相异步电动机
Three Phase Induction Motor With Electromagnetic Braking



产品概述 PRODUCT OVERVIEW

YEJ2系列电磁制动电机是一种全封闭自扇冷式鼠笼型三相异步电机。该系列电机按照IEC标准设计，具有启动转矩大、结构紧凑、制动迅速、运行可靠、高效节能，噪音低等优点。此外，电机设计有手动释放结构，既可以电磁制动，又可以手动操作，方便用户调试和使用。YEJ2系列电磁制动电机适用于要求快速停止，准确定位、反复运转、频繁启动、防止滑行的各类机械设备中作为动力，如升降机、减速机、运输机械、包装机械、食品机械、印刷机械等。原理与结构：YEJ2系列电磁制动电机的直流圆盘制动器安装在电机非轴伸端上，当电机接入电源，制动器即开始工作，在电磁引力作用下，电磁铁吸引衔铁并压缩弹簧，制动盘与衔铁、端盖脱离，电机开始运转。当切断电源时，制动器电磁铁失去引力，弹簧推动衔铁压紧制动盘，在摩擦力的作用下，电机立即停止工作，制动器分为通电制动器和失电制动器两种，两种制动器工作原理相同，而制动过程相反。YEJ2系列电机可以衍生出YDEJ2系列多速制动电机和YVFEJ2系列变频制动电机。

YEJ2 series electromagnetic brake motor is a totally enclosed self fan cooled squirrel cage three-phase asynchronous motor. This series of motors are designed according to IEC standard, with the advantages of large starting torque, compact structure, fast braking, reliable operation, high efficiency and energy saving, low noise and so on. In addition, the motor is designed with a manual release structure, which can be used for electromagnetic braking and manual operation, which is convenient for users to debug and use. YEJ2 series electromagnetic braking motor is suitable for all kinds of mechanical equipment requiring fast stop, accurate positioning, repeated operation, frequent start and sliding prevention, such as elevator, reducer, transportation machinery, packaging machinery, food machinery, printing machinery, etc. Principle and structure: the DC disc brake of YEJ2 series electromagnetic braking motor is installed on the non shaft extension end of the motor. When the motor is connected with the power supply, the brake starts to work. Under the action of electromagnetic gravity, the electromagnet attracts the armature and compresses the spring, the brake disc is detached from the armature and the end cover, and the motor starts to run. When the power supply is cut off, the electromagnet of the brake loses its gravitation, and the spring pushes the armature to press the brake disc. Under the action of friction, the motor stops working immediately. The brake is divided into two types: the on brake and the off brake. The two types of brake work well. The mechanism is the same, but the braking process is opposite. YEJ2 series motor can be derived from YDEJ2 series multi speed brake motor and YVFEJ2 series variable frequency brake motor.

使用条件 OPERATING CONDITIONS

环境温度:-15℃~40℃
海拔:不超过1000米
额定电压:380V、400V、415V
额定频率: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△接法
工作制:连续工作制(S1)
防护等级:IP55
绝缘等级:F级
冷却方式:IC411

Ambient Temperature:-15℃~40℃
Altitude:Up to 1000 meters
Rated Voltage:380V,400V,415V
Rated Frequency:50Hz,60Hz
Connection:Output≤3kW,'Y'connection
Output ≥ 4kW, " connection;
Duty:Continuous(S1)
Ingress Protection:IP55
Insulation Class: Class F
Cooling Method: IC411

YEJ2系列电机技术参数/Technical data—YEJ2 series motor— 2 Poles—380V/50Hz

电机型号 Model	额定功率 Rated Output		满 载 时 Full Load				额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	静制动力矩 Static braking torque	空间制动时间不大于 Max.braking tinme at no-load	制动率 功率 Brake Power
			转 速 Speed	电 流 Input Current	效 率 Efficiency	功率因数 Power Factor							
	kW	HP	RPM	Amp	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In	N.m	S	W
YEJ2-80M1-2	0.75	1	2825	1.81	75.0	0.84	2.54	2.2	2.3	6.5	7.5	0.20	50
YEJ2-80M2-2	1.1	1.5	2825	2.52	77.0	0.86	3.72	2.2	2.3	7.0	7.5	0.20	50
YEJ2-90S-2	1.5	2	2840	3.44	78.0	0.85	5.04	2.2	2.3	7.0	15	0.20	60
YEJ2-90L-2	2.2	3	2840	4.83	80.5	0.86	7.40	2.2	2.3	7.0	15	0.20	60
YEJ2-100L-2	3	4	2870	6.39	82.0	0.87	9.98	2.2	2.3	7.0	30	0.20	80
YEJ2-112M-2	4	5.5	2880	8.17	85.5	0.87	13.30	2.2	2.3	7.0	40	0.25	110
YEJ2-132S1-2	5.5	7.5	2900	11.1	85.5	0.88	18.10	2.0	2.3	7.0	75	0.25	130
YEJ2-132S2-2	7.5	10	2900	15	86.2	0.88	24.70	2.0	2.3	7.0	75	0.25	130
YEJ2-160M1-2	11	15	2930	21.8	87.2	0.88	35.90	2.0	2.3	7.0	150	0.35	150
YEJ2-160M2-2	15	20	2930	29.4	88.2	0.88	48.90	2.0	2.2	7.0	150	0.35	150
YEJ2-160L-2	18.5	25	2930	35.5	89.0	0.89	60.30	2.0	2.2	7.0	150	0.35	150
YEJ2-180M-2	22	30	2940	42.2	89.0	0.89	71.50	2.0	2.2	7.0	200	0.35	150
YEJ2-200L1-2	30	40	2950	56.9	90.0	0.89	97.10	2.0	2.2	7.0	300	0.45	200
YEJ2-200L2-2	37	50	2950	69.8	90.5	0.89	119.8	2.0	2.2	7.0	300	0.45	200
YEJ2-225M-2	45	60	2960	83.9	91.5	0.89	145.2	2.0	2.2	7.0	450	0.45	200

YEJ2系列电机技术参数/Technical data—YEJ2 series motor— 4 Poles—380V/50Hz

YEJ2-80M1-4	0.55	0.75	1390	1.51	73.0	0.76	3.78	2.4	2.3	6.0	7.5	0.20	50
YEJ2-80M2-4	0.75	1	1390	2.01	74.5	0.76	5.15	2.3	2.3	6.0	7.5	0.20	50
YEJ2-90S-4	1.1	1.5	1400	2.75	78.0	0.78	7.50	2.3	2.3	6.5	15	0.20	60
YEJ2-90L-4	1.5	2	1400	3.65	79.0	0.79	10.20	2.3	2.3	6.5	15	0.20	60
YEJ2-100L1-4	2.2	3	1420	5.03	81.0	0.82	14.80	2.2	2.3	7.0	30	0.20	80
YEJ2-100L2-4	3	4	1420	6.82	82.5	0.81	20.20	2.2	2.3	7.0	30	0.20	80
YEJ2-112M-4	4	5.5	1440	8.77	84.5	0.82	26.50	2.2	2.3	7.0	40	0.25	110
YEJ2-132S-4	5.5	7.5	1440	11.6	85.5	0.84	36.50	2.2	2.3	7.0	75	0.25	130
YEJ2-132M-4	7.5	10	1440	15.4	87.0	0.85	49.70	2.2	2.3	7.0	75	0.25	130
YEJ2-160M-4	11	15	1460	22.6	88.0	0.84	72.00	2.2	2.3	7.0	150	0.35	150
YEJ2-160L-4	15	20	1460	30.3	88.5	0.85	98.10	2.2	2.2	7.0	150	0.35	150
YEJ2-180M-4	18.5	25	1465	35.9	91.0	0.86	120.6	2.0	2.2	7.0	200	0.35	150
YEJ2-180L-4	22	30	1465	42.5	91.5	0.86	143.4	2.0	2.2	7.0	200	0.35	150
YEJ2-200L-4	30	40	1470	56.8	92.2	0.87	194.9	2.0	2.2	7.0	300	0.45	200
YEJ2-225S-4	37	50	1475	70.4	91.8	0.87	239.6	1.9	2.2	7.0	450	0.45	200
YEJ2-225M-4	45	60	1475	84.2	92.3	0.88	291.4	1.9	2.2	7.0	450	0.45	200

YEJ2系列电机技术参数/Technical data—YEJ2 series motor— 6 Poles—380V/50Hz

YEJ2-90S-6	0.75	1	910	2.25	72.5	0.70	7.87	2.0	2.2	5.5	15	0.20	60
YEJ2-90L-6	1.1	1.5	910	3.16	73.5	0.72	11.50	2.0	2.2	5.5	15	0.20	60
YEJ2-100L-6	1.5	2	930	3.97	77.5	0.74	15.40	2.0	2.2	6.0	30	0.20	80
YEJ2-112M-6	2.2	3	940	5.61	80.5	0.74	22.40	2.0	2.2	6.0	40	0.25	110
YEJ2-132S-6	3	4	960	7.23	83.0	0.76	29.80	2.0	2.2	6.5	75	0.25	130
YEJ2-132M1-6	4	5.5	960	9.4	84.0	0.77	39.80	2.0	2.2	6.5	75	0.25	130
YEJ2-132M2-6	5.5	7.5	960	12.6	85.3	0.78	54.70	2.0	2.2	6.5	75	0.25	130
YEJ2-160M-6	7.5	10	970	17	86.0	0.78	73.80	2.0	2.2	6.5	150	0.35	150

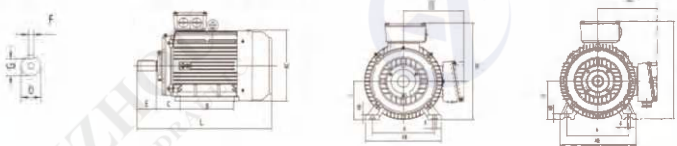
YEJ2-160L-6	11	15	970	24.6	87.0	0.78	108.3	2.0	2.2	6.5	150	0.35	150
YEJ2-180M-6	15	20	970	31.4	89.5	0.81	147.7	1.8	2.2	6.5	200	0.35	150
YEJ2-200L1-6	18.5	25	975	37.7	89.8	0.83	181.2	1.8	2.2	6.5	300	0.45	200
YEJ2-200L2-6	22	30	975	44.6	90.2	0.83	215.5	1.8	2.2	6.5	300	0.45	200
YEJ2-225M-6	30	40	980	59.5	90.2	0.85	292.3	1.7	2.2	6.5	450	0.45	200

YEJ2系列电机技术参数/Technical data—YEJ2 series motor— 8 Poles—380V/50Hz

YEJ2-132S-8	2.2	3	710	5.87	80.2	0.71	29.60	2.0	2.0	5.5	75	0.25	130
YEJ2-132M-8	3	4	710	7.72	82.0	0.72	40.40	2.0	2.0	5.5	75	0.25	130
YEJ2-160M1-8	4	5.5	720	9.9	84.0	0.73	53.10	2.0	2.0	6.0	150	0.35	150
YEJ2-160M2-8	5.5	7.5	720	13.3	85.0	0.74	73.00	2.0	2.0	6.0	150	0.35	150
YEJ2-160L-8	7.5	10	720	17.7	86.0	0.75	99.50	2.0	2.0	5.5	150	0.35	150
YEJ2-180L-8	11	15	730	24.8	87.5	0.77	143.9	1.7	2.0	6.0	200	0.35	150
YEJ2-200L-8	15	20	730	34.1	88.0	0.76	196.2	1.8	2.0	6.0	300	0.45	200
YEJ2-225S-8	18.5	25	730	41.3	89.5	0.76	242.0	1.7	2.0	6.0	450	0.45	200
YEJ2-225-8	22	30	730	47.6	90.0	0.78	287.8	1.8	2.0	6.0	450	0.45	200

B3外形及安装尺寸

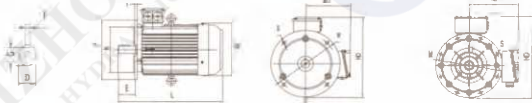
OUTLINE AND INSTALLATION DIMENSIONS



型号 Model	极数 Poles	安装尺寸Mounting Dimension														
		A	B	C	D	E	F	G	H	K	L	AB	AC	AD	HA	HD
80	2.4.6.8	125	100	50	19	40	6	15.5	80	10	306	165	175	140	10	220
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	395	180	195	150	12.5	265
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	425	180	195	150	12.5	265
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	435	205	215	160	14	270
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	475	230	240	185	14	310
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	535	270	275	205	16	365
132M	2.4.6.8	216	178	89	38	80	10	33	132	12	550	270	275	205	16	365
160M	2.4.6.8	254	210	108	42	110	12	37	160	14.5	730	320	330	250	19	420
160L	2.4.6.8	254	254	108	42	110	12	37	160	14.5	760	320	330	250	19	420
180M	2.4.6.8	279	241	121	48	110	14	42.5	180	14.5	805	350	380	270	22	460
180L	2.4.6.8	279	279	121	48	110	14	42.5	180	14.5	835	350	380	270	22	460
200L	2.4.6.8	318	305	133	55	110	16	49	200	18.5	890	395	420	325	25	475
225S	4.6.8	356	286	149	60	140	18	53	225	18.5	865	436	465	335	28	560
225M	2	356	311	149	55	110	16	49	225	18.5	865	436	465	335	28	560
	4.6.8	356	311	149	60	140	18	53	225	18.5	895	436	465	335	28	560
250M	24.6.8	406	349	168	60	140	18	53	250	24	9995	495	520	370	33	635
	2	406	349	168	65	140	18	58	250	24	995	495	520	370	33	635
280S	4.6.8	457	368	190	65	140	18	58	280	24	1030	550	570	395	35	705
	24.6.8	457	368	190	75	140	20	67.5	280	24	1030	550	570	395	35	705
280M	2	457	419	190	65	140	18	58	280	24	1080	550	570	395	35	705
	4.6.8	457	419	216	75	140	20	67.5	280	24	1080	550	570	395	35	705
315S	2	508	406	216	65	140	18	58	315	28	1180	635	650	495	45	845
	4.6.8	508	406	216	80	170	22	71	315	28	1290	635	650	495	45	845
315M	2	508	457	216	65	140	18	58	3185	28	1210	635	650	495	45	845
	4.6.8	508	457	216	80	170	22	71	315	28	1320	635	650	495	45	845
315L	2	508	508	216	65	140	18	58	315	28	1210	635	650	495	45	845
	4.6.8	508	508	254	80	170	22	71	315	28	1320	635	650	495	45	845
355M	2	610	560	254	75	140	20	67.5	355	28	1500	735	735	650	49	1000
	4.6.8	610	560	254	95	170	25	86	355	28	1530	735	735	650	49	1000
355L	2	610	630	254	75	140	20	67.5	355	28	1500	735	735	650	49	1000
	4.6.8	610	630	254	95	170	25	86	355	28	1630	735	735	650	49	1000

B5外形及安装尺寸

OUTLINE AND INSTALLATION DIMENSIONS



型号 Model	极数 Poles	安装尺寸Mounting Dimension														
		D	E	F	G	L	M	N	P	S	T	AC	AD	HC		
80	2.4.6.8	19	40	6	15.5	301	165	130	200	12	3.5	175	140	220		
90S	2.4.6.8	24	50	8	20	360	165	130	200	12	3.5	195	150	260		
90L	2.4.6.8	24	50	8	20	390	165	130	200	12	3.5	195	150	260		
100L	2.4.6.8	28	60	8	24	435	215	180	250	14.5	4	215	160	275		
112M	2.4.6.8	28	60	8	24	480	215	180	250	14.5	4	240	185	310		
132S	2.4.6.8	38	80	10	33	510	265	230	300	14.5	4	275	205	345		
132M	2.4.6.8	38	80	10	33	550	265	230	300	14.5	4	275	205	345		
160M	2.4.6.8	42	110	12	37	667	300	250	350	18.5	5	330	250	425		
160L	2.4.6.8	42	110	12	37	689	300	250	350	18.5	5	330	250	425		
180M	2.4.6.8	48	110	14	42.5	732	300	250	350	18.5	5	380	270	460		
180L	2.4.6.8	48	110	14	42.5	780	300	250	350	18.5	5	380	270	460		
200L	2.4.6.8	55	110	16	49	779	350	300	400	18.5	5	420	325	475		
225S	4.6.8	60	140	18	53	836	400	350	450	18.5	5	465	335	560		
225M	2	55	110	16	49	831	400	350	450	18.5	5	465	335	560		
	4.6.8	60	140	18	53	866	400	350	450	18.5	5	465	335	560		
250M	24.6.8	60	140	18	53	936	500	450	550	18.5	5	520	370	620		
	2	65	140	18	58	942	500	450	550	18.5	5	520	370	620		
280S	4.6.8	65	140	18	58	970	500	450	550	18.5	5	570	395	685		
	24.6.8	75	140	20	67.5	975	500	450	550	18.5	5	570	395	685		
280M	2	65	140	18	58	1020	500	450	550	18.5	5	570	395	685		
	4.6.8	75	140	20	67.5	1015	500	450	550	18.5	5	570	395	685		
315S	2	65	140	18	58	1160	600	550	660	24	6	650	495	820		
	4.6.8	80	170	22	71	1270	600	550	660	24	6	650	495	820		
315M	2	65	140	18	58	1270	600	550	660	24	6	650	495	820		
	4.6.8	80	170	22	71	1207	600	550	660	24	6	650	495	820		
315L	2	65	140	18	58	1317	600	550	660	24	6	650	495	820		
	4.6.8	80	170	22	71	1317	600	550	660	24	6	650	495	820		
355M	2	75	140	20	67.5	1500	740	680	800	24	6	735	650	1000		
	4.6.8	95	170	25	86	1500	740	680	800	24	6	735	650	1000		
355L	2	75	140	20	67.5	1630	740	680	800	24	6	735	650	1000		
	4.6.8	95	170	25	86	1630	740	680	800	24	6	735	650	1000		

YVF2 变频调速三相异步电机
Frequency Control Three-phase Asynchronous Motor



产品概述 PRODUCT OVERVIEW

YVF2系列变频调速专用三相异步电动机是一种由变频调速装置供电的专用电机,该系列电机在与变频调速装置组成的系统中,可实现无极调速,以达到节能和自动化控制的目的。YVF2系列电机采用鼠笼型结构,运行可靠,维护方便,并配有独立的冷却风机,保证电机在不同转速下均有良好的冷却效果。YVF2系列电机适用于各种需要调速的传动装置中,广泛应用于机床、纺织、轻工、化工、冶金等行业,配合高精度传感器,可实现高精度闭环控制。该系列电机的安装尺寸与输出功率等级和Y2系列电机相同,符合国家标准GB/T4772..1-1999(等同国际电工委员会标准IEC60072-1:1991),方便用户的配套和选用。

YVF2 series three-phase asynchronous motor for variable frequency speed regulation is a special motor powered by variable frequency speed regulation device. In the system composed of variable frequency speed regulation device, the series motor can achieve stepless speed regulation, so as to achieve the purpose of energy saving and automatic control. YVF2 series motor adopts rat pen structure, reliable operation, easy maintenance, and equipped with an independent cooling fan, to ensure that the motor has a good cooling effect at different speeds. YVF2 series motor is suitable for all kinds of transmission devices that need speed regulation, widely used in machine tool, textile, light industry, chemical industry, metallurgy and other industries, with high precision sensor, can achieve high precision closed-loop control. The installation size of this series of motors is the same as the output power class and Y2 series motors, in line with the national standard GB/T4772..1-1999(equivalent to the International Electrotechnical Commission standard IEC60072-1:1991), convenient for users to support and choose.

使用条件 OPERATING CONDITIONS

环境温度:-15℃~40℃	Ambient Temperature:-15℃~40℃Altitude:Up to 1000 meters
海拔:不超过1000米	
额定电压:380V、400V、415V	Rated Voltage:380V,400V,415V
额定频率:50HZ	Rated Frequency: 50Hz
接法:额定功率55KW及以下电机为Y接法额定功率55KW以上电机为△接法	Connection:Output≤55kW,'Y'connection Output>55kW,'△'connection
工作制:连续工作制(S1)	Duty:Continuous(S1)
防护等级:IP54/IP55	Ingress Protection:IP54/IP55
绝缘等级:B级/F级	Insulation Class: Class B/Class F
冷却方式:IC416	Cooling Method: IC416

YVF2系列电机技术参数/Technical data—YVF2 series motor— 380V									
电机型号 Model	额定功率 Rated Output		电流 Input Current	额定转矩 Rated Torque (Tn)	恒转矩变频范围 Frequency range torque	恒转矩变频范围 Frequency range torque	最小转矩 额定转矩	噪 声 Noise	重 量 Weight
	kW	HP	Amp	N.m	Hz	Hz	Tmin/Tn	dB(A)	Kg
YVF2-80M1-4	0.55	0.75	1.55	3.5	5~50	5~100	1.7	73	15
YVF2-80M2-4	0.75	1	2.05	4.7	5~50	5~100	1.6	73	16
YVF2-90S-4	1.1	1.5	2.8	7.0	5~50	5~100	1.6	76	20
YVF2-90L-4	1.5	2	3.7	9.5	5~50	5~100	1.6	76	24
YVF2-100L1-4	2.2	3	5.05	14.0	5~50	5~100	1.5	79	32
YVF2-100L2-4	3	4	6.8	19.0	5~50	5~100	1.5	79	35
YVF2-112M-4	4	5.5	8.75	25.4	5~50	5~100	1.5	80	43
YVF2-132S-4	5.5	7.5	11.4	35.0	5~50	5~100	1.4	86	62
YVF2-132M-4	7.5	10	15.3	47.7	5~50	5~100	1.4	86	70
YVF2-160M-4	11	15	22.1	70.0	5~50	5~100	1.4	90	110
YVF2-160L-4	15	20	30.1	95.5	5~50	5~100	1.4	90	132
YVF2-180M-4	18.5	25	35.4	117.1	5~50	5~100	1.2	91	162
YVF2-180L-4	22	30	41.6	140.9	5~50	5~100	1.2	91	178
YVF2-200L-4	30	40	55.9	190.9	5~50	5~100	1.2	92	230
YVF2-225S-4	37	50	68.2	235.5	5~50	5~100	1.2	94	280
YVF2-225M-4	45	60	82.5	286.4	5~50	5~100	1.1	94	315
YVF2-250M-4	55	75	10.1	350.1	3~50	5~100	1.1	96	385
YVF2-280S-4	75	100	132.3	477.7	3~50	5~100	1.0	99	515
YVF2-280M-4	90	120	157.4	572.9	3~50	5~100	1.0	99	580
YVF2-315S-4	110	150	191.4	700.2	3~50	5~100	1.0	105	880
YVF2-315M-4	132	175	227.6	840.3	3~50	5~100	1.0	105	980
YVF2-315L1-4	160	220	274.2	1018.5	3~50	5~100	1.0	109	1040
YVF2-315L2-4	200	270	341.6	1273.2	3~50	5~100	0.9	109	1120
YVF2-355M-4	250	340	421.2	1591.5	3~50	5~100	0.9	112	1730
YVF2-355L-4	315	430	530.7	2005.3	3~50	5~100	0.9	112	1890

YD 变极多速三相异步电动机
Pole changing multi speed three phase asynchronous motor



产品概述 PRODUCT OVERVIEW

YD系列变极多速三相异步电动机有双速，三速、四速等类型，采用单绕组变极方法实现转速变换，用户使用时只需选择相应的接法，即可使电机以对应的转速转动。该系列电机的外形与安装尺寸同Y2系列电机，主要技术指标达到IEC标准，具有体积小、重量轻、噪音低、启动性能好、运行可靠、维护方便等特点，本系列电机广泛应用于各类需要有级调速的机械设备，可降低整机噪音、节约能源、并使整机结构紧凑。本公司可以根据用户需求，设计生产特殊规格的变极多速电机，如YDT风机、泵类负载变极多速电机等，该系列电机的使用条件同Y2系列电机。

YD series pole-changing multi-speed three-phase asynchronous motor has two speed, three speed, four speed and other types, using single-winding pole-changing method to achieve speed transformation, users only need to choose the corresponding connection method, can make the motor to rotate at the corresponding speed. This series motors are the appearance and installation dimensions are the same as Y2 series motor, main technical indexes meet the IEC standards, has small volume, light weight, low noise, good startup performance, reliable operation, maintenance is convenient wait for a characteristic, the series motors are widely used in all kinds of needs to have used machinery and equipment, can reduce the engine noise, energy saving, and make the whole machine structure is compact. The company can design and produce pole variable multi-speed motors with special specifications according to user requirements, such as YDT fan, pump load pole variable multi-speed motors, etc. The use conditions of this series of motors are the same as that of Y2 series motors.

YD系列电机技术参数/Technical data-YD series motor -380V/50Hz

电机型号 Model	极数 Poles	额定功率 Rated Output	满 载 时 Full Load				额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流
		KW	转 速 Speed	电 流 Input Current	效 率 Efficiency	功率因数 Power Factor	N.m	Tst/Tn	Tmax/Tn	Ist/In
			RPM	Amp	η%	cosΦ				
YD-80M1-4/2	4	0.45	1420	1.4	66.0	0.74	3.03	1.5	1.8	6.5
	2	0.55	2840	1.51	65.0	0.85	1.85	1.7	1.8	7.0
YD-80M2-4/2	4	0.55	1420	1.66	68.0	0.74	3.70	1.6	1.8	6.5
	2	0.75	2840	2.03	66.0	0.85	2.52	1.8	1.8	7.0
YD-90S-4/2	4	0.85	1430	2.27	74.0	0.77	5.68	1.8	1.8	6.5
	2	1.1	2850	2.77	71.0	0.85	3.69	1.9	1.8	7.0
YD-90L-4/2	4	1.3	1430	3.33	76.0	0.78	8.68	1.8	1.8	6.5
	2	1.8	2850	4.41	73.0	0.85	6.03	2.0	1.8	7.0
YD-100L1-4/2	4	2	1430	4.81	78.0	0.81	13.40	1.7	1.8	6.5
	2	2.4	2850	5.58	76.0	0.86	8.04	1.9	1.8	7.0

YD系列电机技术参数/Technical data-YD series motor -380V/50Hz

电机型号 Model	极数 Poles	额定功率 Rated Output	满 载 时 Full Load				额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流
			转 速 Speed	电 流 Input Current	效 率 Efficiency	功率因数 Power Factor				
		KW	RPM	Amp	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YD-100L2-4/2	4	2.4	1430	5.56	79.0	0.83	16.00	1.6	1.8	6.5
	2	3	2850	6.65	77.0	0.89	10.10	1.7	1.8	7.0
YD-112M-4/2	4	3.3	1450	7.37	82.0	0.83	21.70	1.9	1.8	6.5
	2	4	2880	8.64	79.0	0.89	13.30	2.0	1.8	7.0
YD-132S-4/2	4	4.5	1450	9.81	83.0	0.84	29.60	1.7	1.8	6.5
	2	5.5	2880	11.9	79.0	0.89	18.20	1.8	1.8	7.0
YD-132M-4/2	4	6.5	1450	13.8	84.0	0.85	42.80	1.7	1.8	6.5
	2	8	2880	17.1	80.0	0.89	26.50	1.8	1.8	7.0
YD-160M-4/2	4	9	1460	18.5	87.0	0.85	58.90	1.6	1.8	6.5
	2	11	2920	22.9	82.0	0.89	36.00	1.8	1.8	7.0
YD-160L-4/2	4	11	1460	22.3	87.0	0.86	72.00	1.7	1.8	6.5
	2	14	2920	28.8	82.0	0.90	45.80	1.9	1.8	7.0
YD-180M-4/2	4	15	1470	29.4	89.0	0.87	97.40	1.8	1.8	6.5
	2	18.5	2940	36.7	85.0	0.90	60.10	1.9	1.8	7.0
YD-180L-4/2	4	18.5	1470	35.9	89.0	0.88	120.20	1.6	1.8	6.5
	2	22	2940	42.7	86.0	0.91	71.50	1.8	1.8	7.0
YD-200L-4/2	4	26	1470	49.9	89.0	0.89	168.90	1.4	1.8	6.5
	2	30	2940	58.3	85.0	0.92	97.45	1.6	1.8	7.0
YD-90S-6/4	6	0.65	920	2.27	64.0	0.68	6.75	1.6	1.8	6.0
	4	0.85	1400	2.34	70.0	0.79	5.80	1.4	1.8	6.5
YD-90L-6/4	6	0.85	930	2.8	66.0	0.70	8.73	1.6	1.8	6.0
	4	1.1	1400	2.98	71.0	0.79	7.50	1.5	1.8	6.5
YD-100L1-6/4	6	1.3	940	3.81	74.0	0.70	13.20	1.7	1.8	6.0
	4	1.8	1440	4.44	77.0	0.80	11.90	1.4	1.8	6.5
YD-100L2-6/4	6	1.5	940	4.34	75.0	0.70	15.20	1.6	1.8	6.0
	4	2.2	1440	5.43	77.0	0.80	14.60	1.4	1.8	6.5
YD-112M-6/4	6	2.2	960	5.71	78.0	0.75	21.90	1.8	1.8	6.0
	4	2.8	1450	6.74	77.0	0.82	18.40	1.5	1.8	6.5
YD-132S-6/4	6	3	970	7.69	79.0	0.75	29.50	1.8	1.8	6.0
	4	4	1450	9.5	78.0	0.82	26.30	1.7	1.8	6.5
YD-132M-6/4	6	4	970	9.75	82.0	0.76	39.40	1.6	1.8	6.0
	4	5.	1450	12.3	80.0	0.85	36.20	1.4	1.8	6.5
YD-160M-6/4	6	6.5	970	15.1	84.0	0.78	64.00	1.5	1.8	6.0
	4	8	1460	17.6	82.0	0.84	52.30	1.5	1.8	6.5
YD-160L-6/4	6	9	970	20.6	85.0	0.78	88.60	1.6	1.8	6.0
	4	11	1460	23.7	83.0	0.85	72.00	1.7	1.8	6.5
YD-180M-6/4	6	11	980	25.9	85.0	0.76	107.20	1.6	1.8	6.0
	4	145	1470	29.8	84.0	0.85	91.00	1.7	1.8	6.5
YD-180L-6/4	6	13	980	29.4	86.0	0.78	126.70	1.7	1.8	6.0
	4	16	1470	33.6	85.0	0.85	103.90	1.7	1.8	6.5
YD-200L-6/4	6	18.5	980	41.4	87.0	0.78	180.30	1.6	1.8	6.5
	4	22	1470	44.9	86.5	0.86	142.90	1.5	1.8	7.0

YD系列电机技术参数/Technical data-YD series motor -380V/50Hz

电机型号 Model	极数 Poles	额定功率 Rated Output	满 载 时 Full Load				额定转矩 Rated Torque (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流
			转 速 Speed	电 流 Input Current	效 率 Efficiency	功率因数 Power Factor				
		KW	RPM	Amp	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In
YD-90L-8/4	8	0.45	700	1.87	58.0	0.63	6.14	1.6	1.8	5.5
	4	0.75	1400	1.82	72.0	0.87	5.12	1.4	1.8	6.5
YD-100L-8/4	8	0.85	700	3.06	67.0	0.63	11.60	1.6	1.8	5.5
	4	1.5	1410	3.5	74.0	0.88	10.20	1.4	1.8	6.5
YD-112M-8/4	8	1.5	700	5.02	72.0	0.63	20.50	1.7	1.8	5.5
	4	2.4	1410	5.31	78.0	0.88	16.30	1.7	1.8	6.5
YD-132S-8/4	8	2.2	720	6.96	75.0	0.64	29.20	1.5	1.8	5.5
	4	3.3	1440	7.12	80.0	0.88	21.90	1.7	1.8	6.5
YD-132M-8/4	8	3	720	8.99	78.0	0.65	39.80	1.5	1.8	5.5
	4	4.5	1440	9.37	82.0	0.89	29.80	1.6	1.8	6.5
YD-160M-8/4	8	5	730	13.9	83.0	0.66	65.40	1.5	1.8	5.5
	4	7.5	1450	15.2	84.0	0.89	49.40	1.6	1.8	6.5
YD-160L-8/4	8	7	730	19	85.0	0.66	91.60	1.5	1.8	5.5
	4	11	1450	21.8	86.0	0.89	72.40	1.6	1.8	6.5
YD-180L-8/4	8	11	730	26.7	87.0	0.72	143.90	1.5	1.8	6.0
	4	17	1460	32.3	88.0	0.91	111.20	1.5	1.8	7.0
YD-200L1-8/4	8	14	730	33	87.0	0.74	183.20	1.8	1.8	6.0
	4	22	1460	41.3	88.0	0.92	143.90	1.7	1.8	7.0
YD-200L2-8/4	8	17	730	40.1	87.0	0.74	222.40	1.5	1.8	6.0
	4	26	1460	48.8	88.0	0.92	170.10	1.7	1.8	7.0
YD-90S-8/6	8	0.35	700	1.58	56.0	0.60	4.78	1.8	1.8	5.0
	6	0.45	930	1.36	70.0	0.72	4.62	2.0	1.8	6.0
YD-90L-8/6	8	0.45	700	1.93	59.0	0.60	6.14	1.7	1.8	5.0
	6	0.65	930	1.91	71.0	0.73	6.67	1.8	1.8	6.0
YD-100L-8/6	8	0.75	710	2.92	65.0	0.60	10.10	1.8	1.8	6.0
	6	1.1	950	3.05	75.0	0.73	11.10	1.9	1.8	6.0
YD-112M-8/6	8	1.3	710	4.5	7.0	0.61	17.50	1.7	1.8	5.0
	6	1.8	950	4.8	78.0	0.73	18.10	1.9	1.8	6.0
YD-132S-8/6	8	1.8	730	5.8	76.0	0.62	23.50	1.6	1.8	5.0
	6	2.4	970	6.24	80.0	0.73	23.60	1.9	1.8	6.0
YD-132M-8/6	8	2.6	790	8.17	78.0	0.62	34.00	1.9	1.8	5.0
	6	3.7	770	9.39	82.0	0.73	36.40	1.9	1.8	6.0
YD-160M-8/6	8	4.5	730	13.3	83.0	0.62	58.90	1.6	1.8	5.0
	6	6	980	14.7	85.0	0.73	58.50	1.9	1.8	6.0
YD-160L-8/6	8	6	730	17.5	84.0	0.62	78.50	1.6	1.8	5.0
	6	8	980	19.4	86.0	0.73	78.00	1.9	1.8	6.0
YD-180M-8/6	8	7.5	730	21.9	84.0	0.62	98.10	1.9	1.8	5.0
	6	10	980	24.2	86.0	0.73	97.40	1.9	1.8	6.0
YD-180L-8/6	8	9	730	24.8	85.0	0.65	117.70	1.8	1.8	5.0
	6	12	980	28.3	86.0	0.75	116.90	1.8	1.8	6.0
YD-200L1-8/6	8	12	730	32.6	83.0	0.65	157.00	1.8	1.8	5.0
	6	17	980	39.1	87.0	0.76	165.70	2.0	1.8	6.0
YD-200L2-8/6	8	15	730	40.3	87.0	0.65	196.20	1.8	1.8	5.0
	6	20	980	45.4	88.0	0.76	194.90	2.0	1.8	6.0

JW 分马力微型电动机
Fractional Horsepower Miniature Motor

产品概述 PRODUCT OVERVIEW

JW系列电动机是供一般用途的小功率全封闭自扇冷式三相异步电动机，其功率等级和安装尺寸符合IEC标准。具有重量轻，噪声低，起动性能好，运行可靠，维护方便等特点。外壳防护等级IP44，冷却方式ICO141，广泛用于钻床，小型机床，医疗器械，风机，各种机械设备等。

JW series motors are small power fully enclosed fan-cooled three-phase asynchronous motors for general use. Their power class and mounting size meet IEC standard. With light weight, low noise, good starting performance, reliable operation, easy maintenance and so on. Shell protection grade IP44, cooling mode ICO141, widely used in drilling machines, small machine tools, medical instruments, styles, all kinds of machinery and equipment.

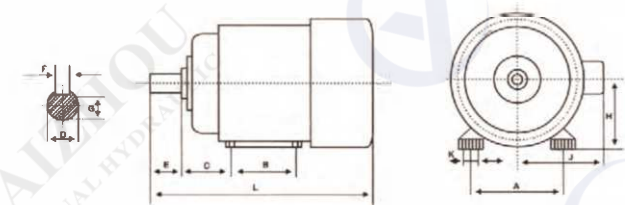
技术参数 Technical Data

型 号 Type	功 率 Power W	电 压 Voltage (V)	转 速 Rpm (r/min)	电 流 Current (A)	效 率 Eff (%)
JW5012	60	380	2800	0.25	61
JW5022	90	380	2800	0.30	65
JW5014	40	380	1400	0.25	53
JW5024	60	380	1400	0.30	57
JW5612	120	380	2800	0.39	67
JW5622	180	380	2800	0.53	69
JW5614	90	380	1400	0.39	58
JW5624	120	380	1400	0.48	60
JW6312	250	380	2800	0.69	71
JW6322	370	380	2800	1.00	72.5
JW6314	180	380	1400	0.63	64
JW6324	250	380	1400	0.81	67
JW7112	550	380	2800	1.35	74
JW7122	750	380	2800	1.80	75
JW7104	250	380	1400	0.81	67
JW7114	370	380	1400	1.05	70
JW7124	550	380	1400	1.60	73
JW7134	750	380	1400	2.10	75
JW7116	250	380	910	0.85	62
JW7126	370	380	910	1.10	65
JW7136	550	380	910	1.60	68
JW7118	180	380	710	0.64	60
JW7128	250	380	710	0.75	62
JW7138	370	380	710	0.98	66

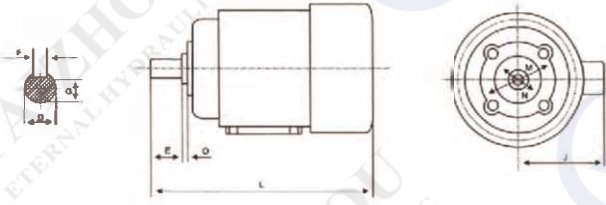
安装及外形尺寸 Instruction And Overall Dimension

机座号 Frame NO	A	B	C	D	E	F	G	H	K	M	N	e	S	≤L	≤J
50	80	63	32	9	20	3	8	50	6	55	40	2	M5	150	60
56	90	70	36	11	23	4	8.5	56	7	65	50	2	M5	200	75
63	100	80	40	14	30	4	11.5	63	8	75	60	1	M5	230	85
71	112	90	45	16	40	5	12.8	71	10	85	70	1	M6	225	92

IMB3 卧式安装 Horizontal foot mounted



IMB14 小法兰式安装 Small flange



JX 分马力微型电动机
Fractional Horsepower Miniature Motor

产品概述 PRODUCT OVERVIEW

JX系列电动机是供一般用途的小功率全封闭自扇冷式单相异步电动机，其功率等级和安装尺寸符合IEC标准。具有重量轻，噪声低，起动性能好，运行可靠，维护方便等特点。采用B级绝缘，外壳防护等IP44，冷却方式ICO141，额定频率为50Hz，广泛用于进口农用灌溉机械,制冷设备，通风设备，洗车机械，纺织机械，食品机械等。

JX series motors are small power fully enclosed fan-cooled single-phase asynchronous motors for general use. The power class and mounting size are in line with IEC standards. With light weight, low noise, good starting performance, reliable operation, easy maintenance and so on. It adopts IP44 class B insulation, enclosure protection, cooling method IC0141, rated frequency is 50Hz, widely used in imported agricultural irrigation machinery, refrigeration equipment, ventilation equipment, car washing machinery, textile machinery, food machinery and so on.

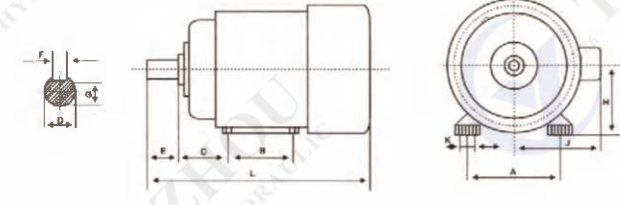
技术参数 Technical Data

型 号 Type	功 率 Power W	电 压 Voltage (V)	转 速 Rpm (r/min)	电 流 Current (A)	效 率 Eff (%)	电 容 器 Capacitor
JX06B-2	25	220	2800	0.33	42	1.5
JX06A-2	40	220	2800	0.45	48	2
JX06B-4	15	220	1400	0.29	30	1.5
JX06A-4	25	220	1400	0.40	35	2
JX-5012	40	220	2800	0.50	55	2
JX-5022	60	220	2800	0.60	58	2
JX-5014	25	220	1400	0.50	57	2
JX-5024	40	220	1400	0.60	59	2
JX-5612	90	220	2800	1.00	60	4
JX-5622	120	220	2800	1.20	63	4
JX-5614	60	220	1400	0.80	61	4
JX-5624	90	220	1400	1.00	65	4
JX-6312	180	220	2800	1.44	66	4
JX-6322	250	220	2800	1.85	69	6
JX-6314	120	220	1400	1.20	53	4
JX-6324	180	220	1400	1.70	57	6
JX-7112	370	220	2800	3.00	72	8
JX-7122	550	220	2800	4.15	75	8
JX-7114	250	220	1400	2.80	64	8
JX-7124	370	220	1400	3.50	66	8

安装及外形尺寸 Instruction And Overall Dimension

机座号 Frame NO	A	B	C	D	E	F	G	H	K	M	N	e	S	≤L	≤J
50	80	63	32	9	20	3	8	50	6	55	40	2	M5	150	60
56	90	70	36	11	23	4	8.5	56	7	65	50	2	M5	200	75
63	100	80	40	14	30	4	11.5	63	8	75	60	1	M5	230	85
71	112	90	45	16	40	5	12.8	71	10	85	70	1	M6	225	92

IMB3 卧式安装 Horizontal foot mounted



IMB14 小法兰式安装 Small flange

