YE2系列高效率三相异步电动机
YE2 Series High Efficiency Three- Phase Asynchronous Motor



银达YE2 系列电动机技术特性
◎ 机座材料：铸铁；
◎ 标准颜色：龙胆蓝（RAL 5010）；
◎额定功率：0.75kW~315kW (50Hz)
◎ 0.75kW 及以上的 2、4、6 极电动机达到 GB18613-2012 标准能效等级 3 级，且能满足 IEC 60034-30 标准中的 IE2 效率等级(50Hz)；
◎标准安装结构类型（符合 IEC 60034-7 标准规定）：IM B3、IMB5、IM B35 等；
◎所有的电动机设计防护等级为 IP55（IEC 60034-5）；绝缘系统按 155（F）温度等级设计，在额定输出和直接供电时按 130（B）温度等级使用；
◎ 电动机标准冷却方式为自扇冷却（IEC 60034-6 规定的 IC 411），可提供独立驱动风扇强制冷却；
◎ 防护等级 IP55（IEC 60034-5）；
◎ 工作环境高度不超过海拔 1000 m（IEC 60034-1）；

Features of Yinda YE2 series
◎ Frame material: cast iron.
◎ Standard color: Gentian blue (RAL 5010)
◎ Rated output power : 0.75kW~315kW at 50Hz.
◎ Available in 2, 4, 6 pole motor (0.75kW and up) with efficiency grade 3. according to GB18613-2012 and efficiency class IE2(50Hz) according to IEC 60034-30.
◎ Standard mounting construction according to IEC 60034-7: IM B3, IM B5, IM B35 and etc.
◎ All motors are designed to IP55 degree of protection (IEC 60034-5) . Insulation system is designed for temperature class 155 (F). At rated output with line-fed operation, the motors can be used in temperature class 130 (B).
◎ Self ventilated motors with radial-flow fans (cooling method IC 411 according to IEC 60034-6) as standard, forced air cool with external separately driven fans as option.
◎ Degrees of motor protection IP55 (IEC 60034-5).
◎ Altitude of working environment shall not exceed 1000m above sea-level (IEC 60034-1).

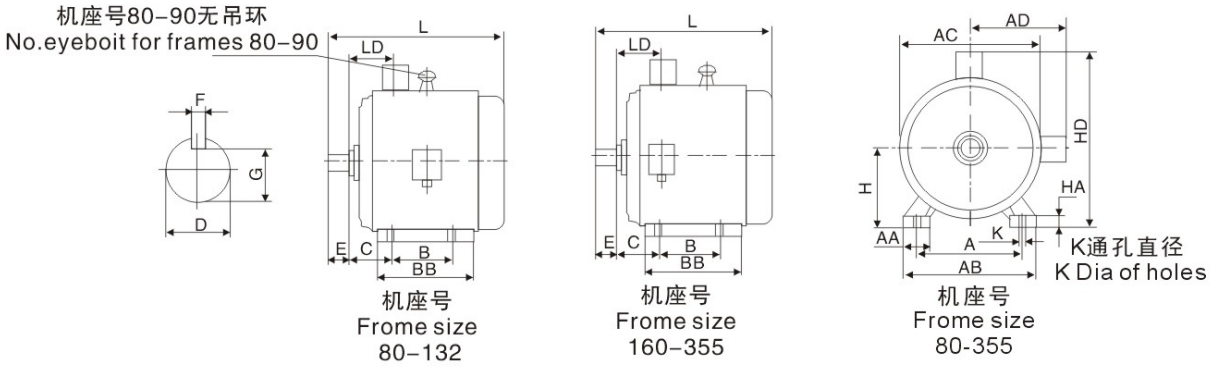
技术性能参数 Technical performance data

型号 Motor Type	额定功率 Rated Output (50Hz) kW	HP	效率 Efficiency Full Load 100%	功率因数 Power factor CosΦ	额定电流 Rated Current (A)	堵转电流 额定电流 ILR / Irated	堵转转矩 额定转矩 TLR/Trated	最大转矩 额定转矩 Tmax/Trated	噪声LWA dB(A)
3000 r/min = 2 poles 380V/50Hz									
YE2-80M1-2	0.75	1	77.4	0.82	1.8	6.8	2.3	2.3	62
YE2-80M2-2	1.1	1.5	79.6	0.83	2.5	7.1	2.3	2.3	62
YE2-90S-2	1.5	2	81.3	0.84	3.3	7.3	2.3	2.3	67
YE2-90L-2	2.2	3	83.2	0.85	4.7	7.6	2.3	2.3	67
YE2-100L-2	3	4	84.6	0.87	6.2	7.8	2.2	2.3	74
YE2-112M-2	4	5.5	85.8	0.88	8	8.1	2.2	2.3	77
YE2-132S1-2	5.5	7.5	87	0.88	10.9	8.2	2.2	2.3	79
YE2-132S2-2	7.5	10	88.1	0.89	14.5	7.8	2.2	2.3	79
YE2-160M1-2	11	15	89.4	0.89	21	7.9	2.2	2.3	81
YE2-160M-2	15	20	90.3	0.89	28.4	7.9	2.2	2.3	81
YE2-160L-2	18.5	25	90.9	0.89	34.7	8.0	2.2	2.3	81
YE2-180M-2	22	30	91.3	0.89	41.1	8.1	2.2	2.3	83
YE2-200L1-2	30	40	92	0.89	55.7	7.5	2	2.3	84
YE2-200L2-2	37	50	92.5	0.89	68.3	7.5	2	2.3	84
YE2-225M-2	45	60	92.9	0.89	82.7	7.5	2.2	2.3	86
YE2-250M-2	55	75	93.2	0.89	100.7	7.6	2.2	2.3	89
YE2-280S-2	75	100	93.8	0.89	136.5	6.9	1.8	2.3	91
YE2-280M-2	90	120	94.1	0.89	163.3	6.9	1.8	2.3	91
YE2-315S-2	110	150	94.3	0.9	196.9	7.0	1.8	2.2	92
YE2-315M-2	132	180	94.6	0.9	235.6	7.0	1.8	2.2	92
YE2-315L1-2	160	220	94.8	0.91	281.8	7.1	1.8	2.2	92
YE2-315L2-2	200	270	95	0.91	351.5	7.1	1.8	2.2	92
1500 r/min = 4 poles 380V 50Hz									
YE2-80M2-4	0.75	1	79.6	0.76	1.9	6.4	2.3	2.3	56
YE2-90S-4	1.1	1.5	81.4	0.77	2.7	6.6	2.3	2.3	59
YE2-90L-4	1.5	2	82.8	0.78	3.5	6.7	2.3	2.3	59
YE2-100L1-4	2.2	3	81.8	0.8	5.1	7.3	2.3	2.3	64
YE2-100L2-4	3	4	83.3	0.81	6.8	7.5	2.3	2.3	64
YE2-112M-4	4	5.5	86	0.81	8.7	7.5	2.3	2.3	65
YE2-132S-4	5.5	7.5	87.7	0.82	11.6	7.5	2	2.3	71
YE2-132M-4	7.5	10	88.7	0.83	15.5	7.3	2	2.3	71
YE2-160M-4	11	15	89.8	0.83	22.4	7.4	2	2.3	73
YE2-160L-4	15	20	90.6	0.84	29.9	7.5	2	2.3	73
YE2-180M-4	18.5	25	91.2	0.85	36.3	7.6	2	2.3	76
YE2-180L-4	22	30	91.6	0.85	42.9	7.7	2.1	2.3	76
YE2-200L-4	30	40	92.3	0.85	58.1	7.1	2.1	2.3	76
YE2-225S-4	37	50	92.7	0.86	70.5	7.3	2.1	2.3	78
YE2-225M-4	45	60	93.1	0.86	85.4	7.3	2.2	2.3	78
YE2-250M-4	55	75	93.5	0.86	103.9	7.3	2.2	2.3	79
YE2-280S-4	75	100	94	0.87	139.3	6.8	2.2	2.3	80
YE2-280M-4	90	120	94.2	0.88	165	6.9	2.2	2.3	80
YE2-315S-4	110	150	94.5	0.89	198.7	6.9	2.1	2.2	88
YE2-315M-4	132	180	94.7	0.89	238	6.9	2.1	2.2	88
YE2-315L1-4	160	220	94.9	0.9	284.6	6.9	2.1	2.2	88
YE2-315L2-4	200	270	95.1	0.9	355	6.9	2.1	2.2	88

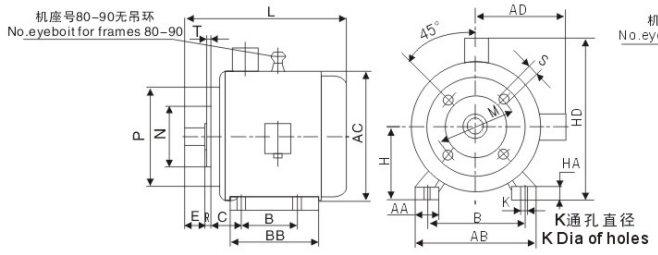
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1000 r/min = 3 poles 380V/50Hz									
YE2-90S-6	0.75	1	75.9	0.71	2.1	5.8	2	2.1	57
YE2-90L-6	1.1	1.5	78.1	0.72	3	5.9	2	2.1	57
YE2-100L-6	1.5	2	79.8	0.72	4	5.9	2	2.1	61
YE2-112M-6	2.2	3	81.8	0.72	5.7	6.2	2	2.1	65
YE2-132S-6	3	4	83.3	0.72	7.6	6.4	2	2.1	69
YE2-132M1-6	4	5.5	84.6	0.74	9.7	6.6	2	2.1	69
YE2-132M2-6	5.5	7.5	86	0.75	13	6.8	2	2.1	69
YE2-160M-6	7.5	10	87.2	0.78	16.8	6.8	2	2.1	73
YE2-160L-6	11	15	88.7	0.79	23.9	6.9	2	2.1	73
YE2-180L-6	15	20	89.7	0.82	31	7.3	2	2.1	73
YE2-200L1-6	18	25	90.4	0.8	37.8	7.2	2	2.1	73
YE2-200L2-6	22	30	90.9	0.81	45.4	7.3	2	2.1	73
YE2-225M-6	30	40	91.7	0.82	60.6	6.8	2	2.1	74
YE2-250M-6	37	50	92.2	0.83	73.5	7	2	2.1	76
YE2-280S-6	45	60	92.7	0.85	86.8	7.2	2	2	78
YE2-280M-6	55	75	93.1	0.86	104.4	7.2	2	2	78
YE2-315S-6	75	100	93.7	0.84	144.8	6.5	2	2	83
YE2-315M-6	90	120	94	0.85	171.1	6.6	2	2	83
YE2-315L1-6	110	150	94.3	0.85	208.5	6.6	2	2	83
YE2-315L2-6	132	180	94.6	0.86	246.5	6.6	2	2	83

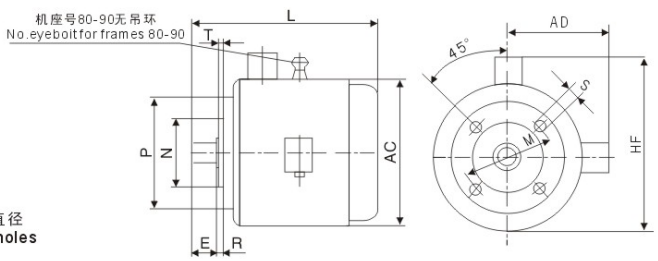
外形及安装尺寸/Dimension Drawing



B3

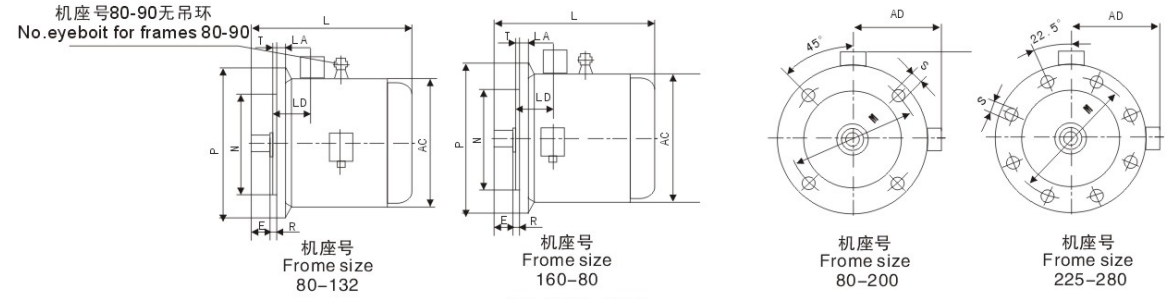


B34 H80~112

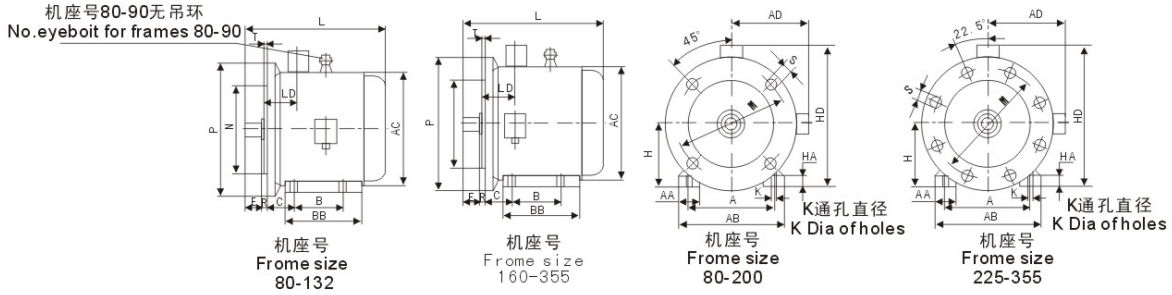


B14 H80~112

外形及安装尺寸/Dimension Drawing



B5 H80~355



B35 H80~355

机座号 Frame size	凸缘号 Flange Number	极数 Pole	安装尺寸Mounting Dimension (mm)																			
			A	A/2	B	C	D	E	F	G	H	K	M	N	P	S	T	AB	AC	AD	HD	HF	L
80M	FF165	2, 4,6	125	62.5	100	50	19	40	6	15.5	80	10	165	130	200	12	3.5	165	175	145	220		305
90S	FF165	2, 4,6	140	70	100	56	24	50	8	20	90	10	165	130	200	12	3.5	180	195	165	260		360
90L	FF165		140	70	125	56	24	50	8	20	90	10	165	130	200	12	3.5	180	195	165	260		390
100L	FF215	2, 4,6	160	80	140	63	28	60	8	24	100	12	215	180	250	14.5	4	205	215	180	270	245	435
112M	FF215		190	95	140	70	28	60	8	24	112	12	215	180	250	14.5	4	230	240	190	300	265	470
132S	FF265	2, 4,6	216	108	140	89	38	80	10	33	132	12	265	230	300	14.5	4	270	275	210	345	315	510
132M	FF265		216	108	178	89	38	80	10	33	132	12	265	230	300	14.5	4	270	275	210	345	315	560
160M	FF300	2, 4,6	254	127	210	108	42	110	12	37	160	14.5	300	250	350	18.5	5	320	330	255	420	385	670
160L	FF300		254	127	254	108	42	110	12	37	160	14.5	300	250	350	18.5	5	320	330	255	420	385	700
180M	FF300	2, 4,6	279	139.5	241	121	48	110	14	42.5	180	14.5	300	250	350	18.5	5	355	380	280	455	430	740
180L	FF300		279	139.5	279	121	48	110	14	42.5	180	14.5	300	250	350	18.5	5	355	380	280	455	430	790
200L	FF350	2, 4,6	318	159	305	133	55	110	16	49	200	18.5	350	300	400	18.5	5	395	420	305	505	480	790
225S	FF400	4	356	178	286	149	60	140	18	53	225	18.5	400	350	450	18.5	5	435	470	335	560	535	830
225M	FF400	2	356	178	311	149	55	110	16	49	225	18.5	400	350	450	18.5	5	435	470	335	560	535	825
	FF400	4，6	356	178	311	149	60	140	18	53	225	18.5	400	350	450	18.5	5	435	470	335	560	535	855
250M	FF500	2	406	203	349	168	60	140	18	53	250	24	400	450	550	18.5	5	490	510	370	615	595	915
	FF500	4，6	406	203	349	168	65	140	18	58	250	24	400	450	550	18.5	5	490	510	370	615	595	915
280S	FF500	2	457	228.5	368	190	65	140	18	58	280	24	400	450	550	18.5	5	550	580	410	680	650	985
	FF500	4，6	457	228.5	368	190	75	140	20	67.5	280	24	400	450	550	18.5	5	550	580	410	680	650	985
280M	FF500	2	457	228.5	419	190	65	140	18	58	280	24	400	450	550	18.5	5	550	580	410	680	650	1035
	FF500	4，6	457	228.5	419	190	75	140	20	67.5	280	24	400	450	550	18.5	5	550	580	410	680	650	1035
315S	FF600	2	508	254	406	216	65	140	18	58	315	28	600	550	660	24	6	635	645	530	845		1180
	FF600	4，6	508	254	406	216	80	170	22	71	315	28	600	550	660	24	6	635	645	530	845		1290
315M	FF600	2	508	254	457	216	65	140	18	58	315	28	600	550	660	24	6	635	645	530	845		1210
	FF600	4，6	508	254	457	216	80	170	22	71	315	28	600	550	660	24	6	635	645	530	845		1320
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	Ff600	4，6	508	254	508	216	80	170	22	71	315	28	600	550	660	24	6	635	645	530	845		1320