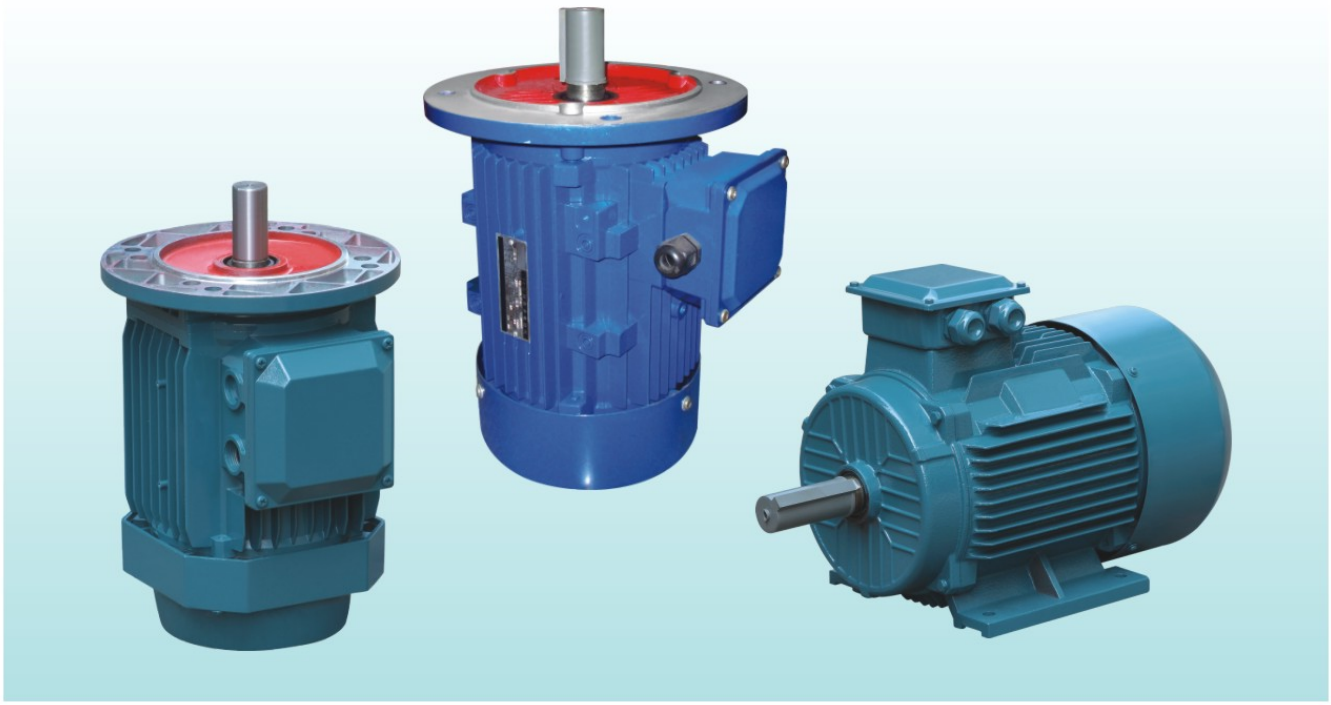
Y2 系列三相异步电动机
Y2 Series Three-phase Asynchronous Motor



Y2系列是Y系列电动机的升级换代产品。本系列电机系全封闭，外扇冷式，具有设计新颖、造型美观、噪音低、效率转矩高、启动性良好、结构紧凑、使用维修方便等特点。广泛用于机床、风机、水泵、压缩机和交通运输、农业、食品加工、减速机等。

防护等级/Protection Class：IP54, 绝缘等级/Insulation Grade：F, 冷却方式/Cooling Way：IC411, 工作制/Duty Type: S1

Y2 motors are suitable for most industrial applications. Examples of applications include machine tools. pumps, air blowers, transmissions equipment, mixers and a variety of agricultural machinery and food machinery.

技术性能参数 Technical performance data

电机型号 Motor Type	功率 Power		电压 Voltage	电流 Current	频率 Frequency	转速 Speed	效率 Efficiency	功率因数 Power factor	堵转电流 额定电流	堵转转矩 额定转矩	最大转矩 额定转矩	噪声 Nosie
	kW	Hp	V	A	Hz	r/min	%	Cos ϕ	ILR/Irated	TLR/Trated	Tmax/Trated	Lw dB(A)
Y2-631-2	0.18	0.25	380	0.5	50	2800	65	0.8	5.5	2.2	2.2	61
Y2-632-2	0.25	0.33	380	0.7	50	2800	68	0.81	5.5	2.2	2.2	61
Y2-711-2	0.37	0.5	380	1	50	2800	70	0.81	6.1	2.2	2.2	64
Y2-712-2	0.55	0.75	380	1.4	50	2800	73	0.82	6.1	2.2	2.3	64
Y2-801-2	0.75	1	380	1.8	50	2825	75	0.83	6.1	2.2	2.3	67
Y2-802-2	1.1	1.5	380	2.6	50	2825	76.2	0.84	7	2.2	2.3	67
Y2-90S-2	1.5	2	380	3.34	50	2840	78.5	0.84	7	2.2	2.3	72
Y2-90L-2	2.2	3	380	4.69	50	2840	81	0.85	7	2.2	2.3	72
Y2-100L-2	3	4	380	6.14	50	2880	82.6	0.87	7.5	2.2	2.3	76
Y2-112M-2	4	5.5	380	7.83	50	2890	84.2	0.88	7.5	2.2	2.3	77

技术性能参数 Technical performance data

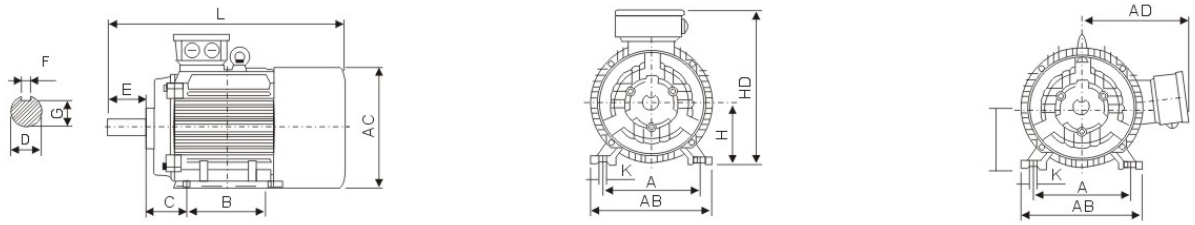
电机型号 Motor Type	功率 Power		电压 Voltage	电流 Current	频率 Frequency	转速 Speed	效率 Efficiency	功率因数 Power factor	堵转电流 额定电流	堵转转矩 额定转矩	最大转矩 额定转矩	噪声 Nosie
	kW	Hp	V	A	Hz	r/min	%	Cos ϕ	ILR/Irated	TLR/Trated	Tmax/Trated	Lw dB(A)
Y2-132S1-2	5.5	7.5	380	10.7	50	2900	85.7	0.88	7.5	2.2	2.3	80
Y2-132S2-2	7.5	10	380	14.2	50	2900	87	0.88	7.5	2.2	2.3	80
Y2-160M1-2	11	15	380	20.9	50	2930	88.4	0.89	7.5	2.2	2.3	86
Y2-160M2-2	15	20	380	27.9	50	2930	89.4	0.89	7.5	2.2	2.3	86
Y2-160L-2	18.5	25	380	33.9	50	2930	90	0.9	7.5	2.2	2.3	86
Y2-180M-2	22	30	380	40.5	50	2940	90.5	0.9	7.5	2	2.3	89
Y2-200L1-2	30	40	380	54.8	50	2950	91.4	0.9	7.5	2	2.3	92
Y2-200L2-2	37	50	380	66.6	50	2950	92	0.9	7.5	2	2.3	92
Y2-225M-2	45	60	380	81	50	2970	92.5	0.9	7.5	2	2.3	92
Y2-250M-2	55	75	380	99.6	50	2970	93	0.9	7.5	2	2.3	93
Y2-280S-2	75	100	380	133.3	50	2970	93.6	0.9	7.5	2	2.3	94
Y2-280M-2	90	120	380	158.2	50	2970	93.9	0.91	7.5	2	2.3	94
Y2-315S-2	110	150	380	195.1	50	2980	94	0.91	7.1	1.8	2.2	96
Y2-315M-2	132	180	380	231.6	50	2980	94.5	0.91	7.1	1.8	2.2	96
Y2-315L1-2	160	220	380	279.6	50	2980	94.6	0.92	7.1	1.8	2.2	99
Y2-315L2-2	200	270	380	347.7	50	2980	94.8	0.92	7.1	1.8	2.2	99
Y2-631-4	0.12	0.16	380	0.4	50	1400	57	0.72	4.4	2.1	2.2	52
Y2-632-4	0.18	0.25	380	0.6	50	1400	60	0.73	4.4	2.1	2.2	52
Y2-711-4	0.25	0.33	380	0.8	50	1400	65	0.74	5.2	2.1	2.2	55
Y2-712-4	0.37	0.5	380	1.1	50	1400	67	0.75	5.2	2.1	2.2	55
Y2-801-4	0.55	0.75	380	1.6	50	1390	71	0.75	5.2	2.4	2.3	58
Y2-802-4	0.75	1	380	2	50	1390	73	0.76	6	2.3	2.3	58
Y2-90S-4	1.1	1.5	380	2.8	50	1400	76.2	0.77	6	2.3	2.3	61
Y2-90L-4	1.5	2	380	3.65	50	1400	78.5	0.79	6	2.3	2.3	61
Y2-100L1-4	2.2	3	380	5.05	50	1420	81	0.81	7	2.3	2.3	64
Y2-100L2-4	3	4	380	6.64	50	1420	82.6	0.82	7	2.3	2.3	64
Y2-112M-4	4	5.5	380	8.62	50	1440	84.2	0.82	7	2.3	2.3	65
Y2-132S-4	5.5	7.5	380	11.5	50	1440	85.7	0.83	7	2.3	2.3	71
Y2-132M-4	7.5	10	380	15.3	50	1440	87	0.84	7	2.3	2.3	71
Y2-160M-4	11	15	380	22.2	50	1460	88.4	0.84	7	2.2	2.3	75
Y2-160L-4	15	20	380	29.8	50	1460	89.4	0.85	7.5	2.2	2.3	75
Y2-180M-4	18.5	25	380	36.1	50	1470	90	0.86	7.5	2.2	2.3	76
Y2-180L-4	22	30	380	42.6	50	1470	90.5	0.86	7.5	2.2	2.3	76
Y2-200L-4	30	40	380	57.2	50	1480	91.4	0.86	7.2	2.2	2.3	79
Y2-225S-4	37	50	380	69.6	50	1480	92	0.87	7.2	2.2	2.3	81
Y2-225M-4	45	60	380	84	50	1480	92.5	0.87	7.2	2.2	2.3	81
Y2-250M-4	55	75	380	102.9	50	1480	93	0.87	7.2	2.2	2.3	83
Y2-280S-4	75	100	380	138	50	1480	93.6	0.87	7.2	2.2	2.3	86
Y2-280M-4	90	120	380	165.6	50	1485	93.9	0.87	7.2	2.2	2.3	86
Y2-315S-4	110	150	380	200.2	50	1485	94.5	0.88	6.9	2.1	2.2	93
Y2-315M-4	132	180	380	239.1	50	1485	94.8	0.88	6.9	2.1	2.2	93
Y2-315L1-4	160	220	380	288	50	1485	94.9	0.89	6.9	2.1	2.2	97
Y2-315L2-4	200	270	380	358.9	50	1485	94.9	0.89	6.9	2.1	2.2	97
Y2-711-6	0.18	0.25	380	0.8	50	900	56	0.66	4	1.9	2	52
Y2-712-6	0.25	0.33	380	0.9	50	900	59	0.68	4	1.9	2	52

技术性能参数 Technical performance data

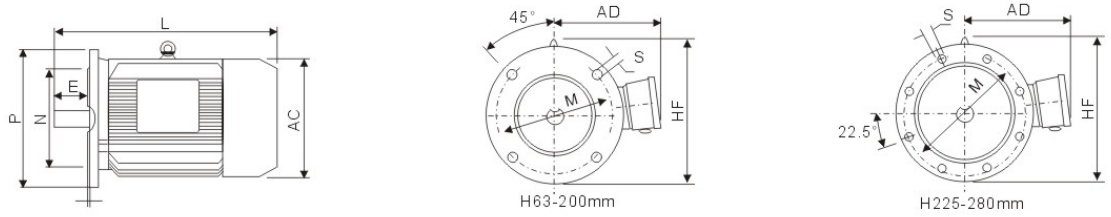
电机型号 Motor Type	功率 Power		电压 Voltage	电流 Current	频率 Frequency	转速 Speed	效率 Efficiency	功率因数 Power factor	堵转电流 额定电流	堵转转矩 额定转矩	最大转矩 额定转矩	噪声 Nosie
	kW	Hp	V	A	Hz	r/min	%	Cos ϕ	ILR/Irated	TLR/Trated	Tmax/Trated	Lw dB(A)
Y2-801-6	0.37	0.5	380	1.3	50	900	62	0.7	4.7	1.9	2	54
Y2-802-6	0.55	0.75	380	1.8	50	900	65	0.72	4.7	1.9	2.1	54
Y2-90S-6	0.75	1	380	2.3	50	910	69	0.72	5.5	2	2.1	57
Y2-90L-6	1.1	1.5	380	3.2	50	910	72	0.73	5.5	2	2.1	57
Y2-100L-6	1.5	2	380	3.9	50	940	76	0.75	5.5	2	2.1	61
Y2-112M-6	2.2	3	380	5.6	50	940	79	0.76	6.5	2	2.1	65
Y2-132S-6	3	4	380	7.4	50	960	81	0.76	6.5	2.1	2.1	69
Y2-132M1-6	4	5.5	380	9.9	50	960	82	0.76	6.5	2.1	2.1	69
Y2-132M2-6	5.5	7.5	380	12.9	50	960	84	0.77	6.5	2.1	2.1	69
Y2-160M-6	7.5	10	380	16.9	50	970	86	0.77	6.5	2	2.1	73
Y2-160L-6	11	15	380	24	50	970	87.5	0.78	6.5	2	2.1	73
Y2-180L-6	15	20	380	32	50	970	89	0.81	7	2	2.1	73
Y2-200L1-6	18	25	380	39	50	970	90	0.81	7	2.1	2.1	76
Y2-200L2-6	22	30	380	45	50	970	90	0.83	7	2.1	2.1	76
Y2-225M-6	30	40	380	59	50	980	91.5	0.84	7	2	2.1	76
Y2-250M-6	37	50	380	71	50	980	92	0.86	7	2.1	2.1	78
Y2-280S-6	45	60	380	86	50	980	92.5	0.86	7	2.1	2	80
Y2-280M-6	55	75	380	105	50	980	92.8	0.86	7	2.1	2	80
Y2-315S-6	75	100	380	142	50	980	93.5	0.86	7	2	2	85
Y2-315M-6	90	120	380	170	50	985	93.8	0.86	7	2	2	85
Y2-315L1-6	110	150	380	207	50	985	94	0.86	6.7	2	2	85
Y2-315L2-6	132	180	380	245	50	985	94.2	0.87	6.7	2	2	85
Y2-801-8	0.18	0.25	380	0.9	50	690	51	0.61	3.3	1.8	1.9	52
Y2-802-8	0.25	0.33	380	1.2	50	690	54	0.61	3.3	1.8	1.9	52
Y2-90S-8	0.37	0.5	380	1.5	50	690	62	0.61	4	1.8	1.9	56
Y2-90L-8	0.55	0.75	380	2.2	50	690	63	0.61	4	1.8	2	56
Y2-100L1-8	0.75	1	380	2.4	50	700	71	0.67	4	1.8	2	59
Y2-100L2-8	1.1	1.5	380	3.3	50	700	73	0.69	5	1.8	2	59
Y2-112M-8	1.5	2	380	4.4	50	700	75	0.69	5	1.8	2	61
Y2-132S-8	2.2	3	380	6	50	710	78	0.71	6	1.8	2	64
Y2-132M-8	3	4	380	7.9	50	710	79	0.73	6	1.8	2	64
Y2-160M1-8	4	5.5	380	10.3	50	720	81	0.73	6	2	2	68
Y2-160M2-8	5.5	7.5	380	13.6	50	720	83	0.74	6	2	2	68
Y2-160L-8	7.5	10	380	17.8	50	720	85.5	0.75	6	2	2	68
Y2-180L-8	11	15	380	24.9	50	720	87.5	0.76	6.6	2	2	70
Y2-200L-8	15	20	380	34	50	730	88	0.76	6.6	2	2	73
Y2-225S-8	18.5	25	380	41	50	730	90	0.76	6.6	1.9	2	73
Y2-225M-8	22	30	380	47	50	730	90.5	0.78	6.6	1.9	2	73
Y2-250M-8	30	40	380	63	50	730	91	0.79	6.6	1.9	2	75
Y2-280S-8	37	50	380	78	50	730	91.5	0.79	6.6	1.9	2	76
Y2-280M-8	45	60	380	94	50	740	92	0.79	6.6	1.9	2	76
Y2-315S-8	55	75	380	111	50	740	92.8	0.81	6.6	1.8	2	82
Y2-315M-8	75	100	380	151	50	740	93	0.81	6.6	1.8	2	82
Y2-315L1-8	90	120	380	178	50	740	93.8	0.82	6.6	1.8	2	82
Y2-315L2-8	110	150	380	217	50	740	94	0.82	6.4	1.8	2	82

外形及安装尺寸/Dimension Drawing

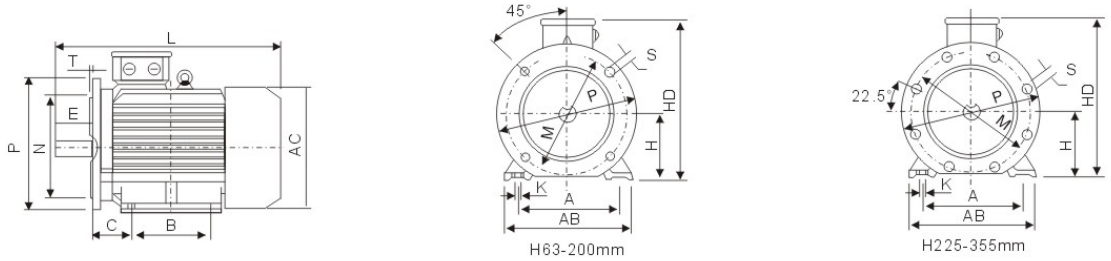
B3



B5



B35



机座号 Frame No	极数 Poles	安装尺寸 Mounting dimensions(mm)															外型尺寸 External dimensions(mm)					
		A	B	C	D	E	F	G	H	M	N	P	R	S	T	K	AB	AC	AD	HD	HF	L
63M	2.4	100	80	40	11	23	4	8.5	63	115	95	140		10	3	7	135	130	70	180	130	230
71M	2.4.6	112	90	45	14	30	5	11	71	130	110	160		10	3.5	7	150	145	80	195	145	255
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	165	130	200		12	3.5	10	165	175	145	220	185	295
90S		140	100	56	24	50	8	20	90	165	130	200		12	3.5	10	180	195	155	250	195	320
90L		140	125	56	24	50	8	20	90	165	130	200		12	3.5	10	180	195	155	250	195	345
100L		160	140	63	28	60	8	24	100	215	180	250		14.5	4	12	205	215	180	270	245	385
112M		190	140	70	28	60	8	24	112	215	180	250		14.5	4	12	230	240	190	300	265	400
132S		216	140	89	38	80	10	33	132	265	230	300		14.5	4	12	270	275	210	345	315	470
132M		216	178	89	38	80	10	33	132	265	230	300		14.5	4	12	270	275	210	345	315	510
160M		254	210	108	42	110	12	37	160	300	250	350		18.5	5	14.5	320	330	255	420	385	615
160L		254	254	108	42	110	12	37	160	300	250	350		18.5	5	14.5	320	330	255	420	385	670
180M		279	241	121	48	110	14	42.5	180	300	250	350		18.5	5	14.5	355	380	280	455	430	700
180L		279	279	121	48	110	14	42.5	180	300	250	350		18.5	5	14.5	355	380	280	455	430	740
200L		318	305	133	55	110	16	49	200	350	300	400		18.5	5	14.5	395	420	305	505	480	770
225S	4.8	356	286	149	60	140	18	53	225	400	350	450		18.5	5	18.5	435	470	335	560	535	815
225M	2	356	311	149	55	110	16	49	225	400	350	450	0	18.5	5	18.5	435	470	335	560	535	820
	4.6.8				60	140	18	53														845
250M	2	406	349	168	60	140	18	53	250	500	450	550		18.5	5	24	490	510	370	615	595	910
	4.6. 8				65	140	18	58														
280S	2	457	368	190	65	140	18	58	280	500	450	550		18.5	5	24	550	580	410	680	650	985
	4.6.8				75	140	20	67.5														
280M	2	457	419	190	65	140	18	58	280	500	450	550		18.5	5	24	550	580	410	680	650	1035
	4.6.8				75	140	20	67.5														
315S	2	508	406	216	65	140	18	58	315	600	550	660		24	6	28	635	645	530	845	–	1240
	4.6.8.10				80	170	22	71														1270
315M	2	508	457	216	65	140	18	58	315	600	550	660		24	6	28	635	645	530	845	–	1350
	4.6.8.10				80	170	22	71														1380
315L	2	508	508	216	65	140	18	58	315	600	550	660		24	6	28	635	645	530	845	–	1350
	4.6.8.10				80	170	22	71														1380