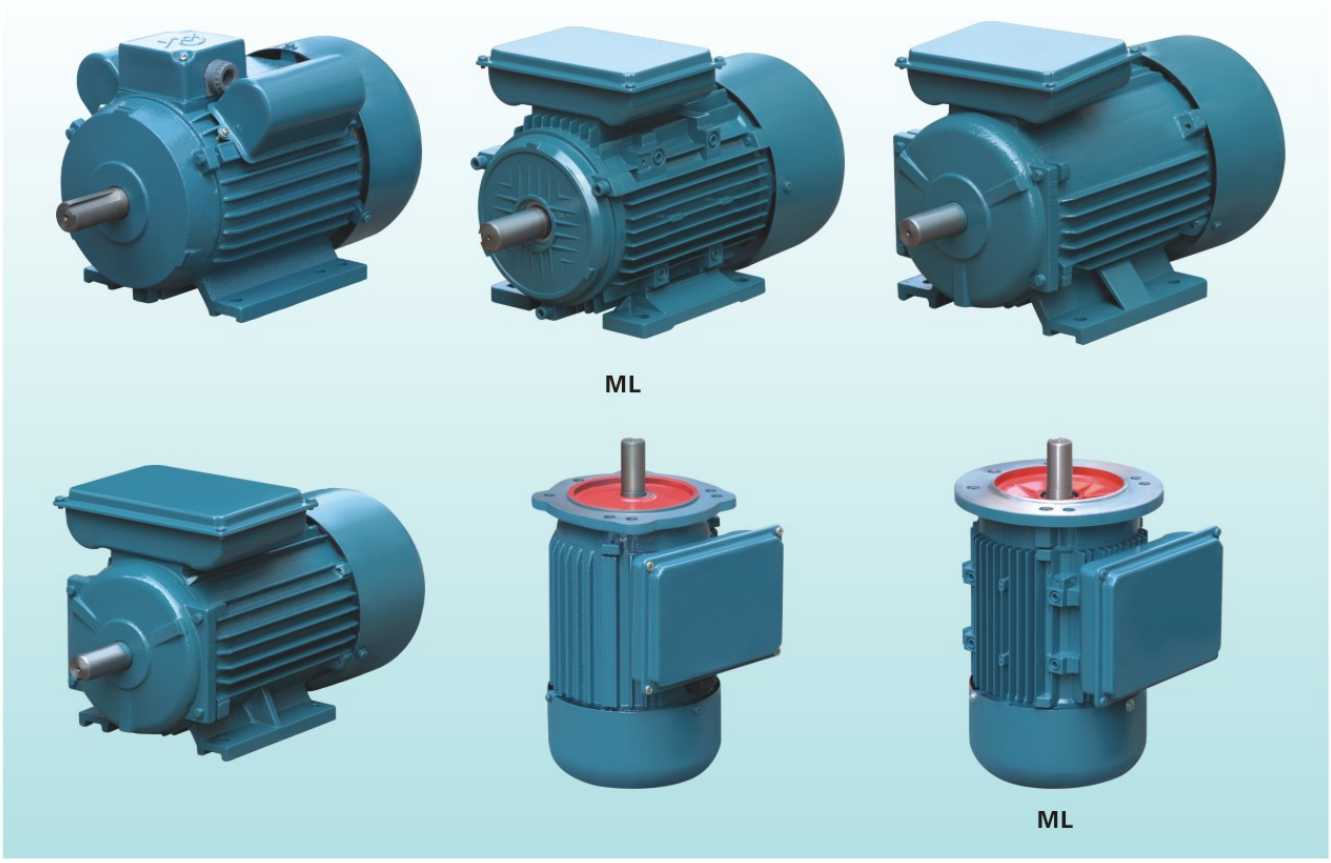
YL/ML 系列双值电容单相异步电动机

YL/ML Series Capacitor Start and run Single-Phase Asynchronous Motor



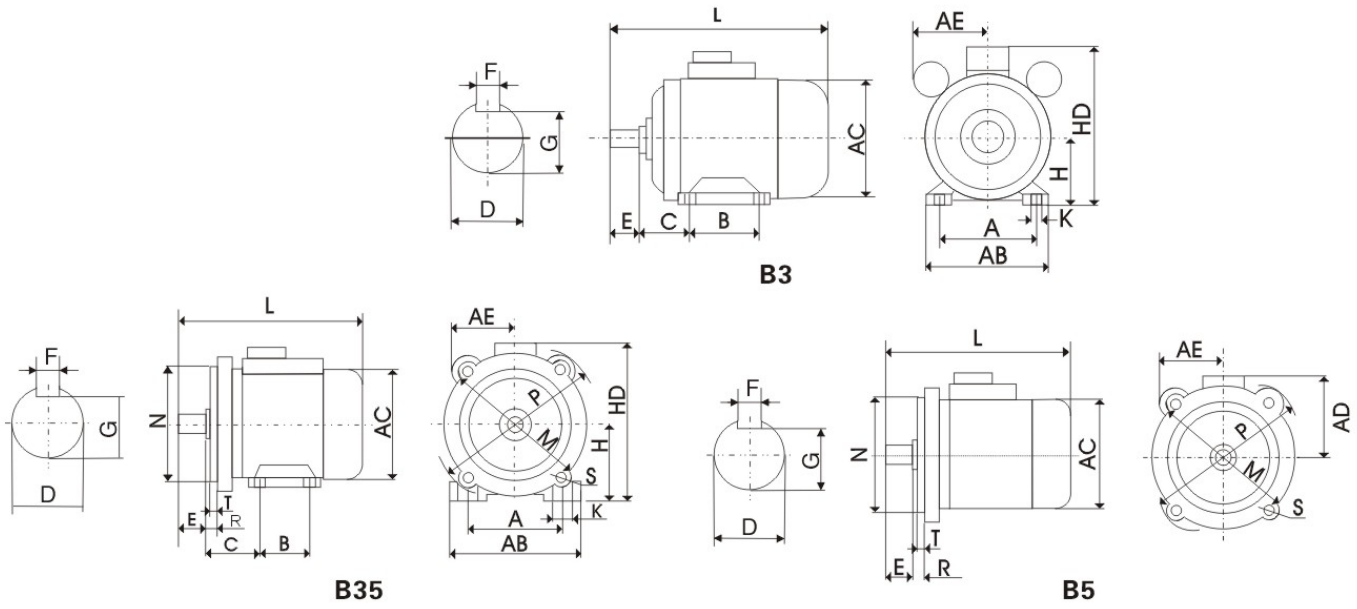
YL系列单相异步电动机具有启动力矩大、过载能力强、运转平稳、噪音低、使用维护方便等优点。广泛用于压缩机、水泵、风机、医疗器械及其它需要高启动转矩的小型机械的电力驱动。

防护等级/Protection Class：IP44, 绝缘等级/Insulation Grade：B, 冷却方式/Cooling Way：IC411, 工作制/Duty Type：S1

YL series capacitor start and run Ac motor are widely used for pumps, pulleys, cranes, continuous conveyors, grinders etc.

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	噪声 Nosie
	kW	Hp	V	A	Hz	r/min	%	Cos ϕ	ILR/Irated	TLR/Trated	Lw dB(A)
YL80M1-2	0.75	1	220	5	50	2800	72	0.95	5.5	1.8	75
YL80M2-2	1.1	1.5	220	7.1	50	2800	74	0.95	5.5	1.8	75
YL90S-2	1.5	2	220	9.6	50	2840	75	0.95	5.5	1.8	78
YL90L-2	2.2	3	220	13.9	50	2840	76	0.95	5.5	1.7	78
YL100L-2	3	4	220	18.4	50	2840	78	0.95	6	1.7	83
YL112M-2	3.7	5	220	22.4	50	2840	79	0.95	6	1.7	83
YL132S-2	5.5	7.5	220	32.9	50	2880	80	0.95	6	1.7	83
YL80M1-4	0.55	3/4	220	4	50	1400	68	0.92	5	1.7	70
YL80M2-4	0.75	1	220	5.1	50	1400	70	0.95	5	1.7	70
YL90S-4	1.1	1.5	220	7.4	50	1400	71	0.95	5	1.7	73
YL90L-4	1.5	2	220	9.8	50	1400	73	0.95	5	1.7	73
YL100L1-4	2.2	3	220	14	50	1400	75	0.95	5	1.7	78
YL100L2-4	3	4	220	18.6	50	1400	77	0.95	5	1.7	78
YL112M-4	3.7	5	220	22.7	50	1430	78	0.95	5.5	1.7	83
YL132S-4	5.5	7.5	220	33.3	50	1440	79	0.95	5.5	1.7	83

外形及安装尺寸/Dimension Drawing



YL铸铁外壳/Cast Iron Housing

机座号 Frame size	安装尺寸 Mounting Dimensions															外形尺寸 Overall dimensions					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L	AE
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	165	150	210	355	220
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	250	360	240
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	250	380/405	240
100L	180	140	63	28	60	8	24	100	12	215	180	250	0	14.5	4.0	205	220	180	260	455	260
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	14.5	4.0	245	250	190	285	475	280
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	14.5	4.0	280	262	210	335	550	300

ML铸铝外壳/Aluminum Housing

机座号 Frame size	安装尺寸 Mounting Dimensions														外形尺寸 Overall dimensions													
	IMB3/B34/B5/B14									B34/B14					B5					B3/B34/B14						B5			
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	M	N	P	S	T	AB	AC	AD	AF	HD	L	AC	AD	L	AE
50	80	63	32	9	20	3	7	50	6	55	40	70	M5							100	110	75		125	155				
56	90	71	36	9	20	3	7	56	6	65	50	80	M5							115	120	80		135	170				
63	100	80	40	11	23	4	9	63	7	75	60	90	M5	3	115	95	140	10	3	130	130	100		165	230	130	100	250	
71	112	90	45	14	30	5	11	71	7	85	70	105	M6	4	130	110	160	10	4	145	145	110	95	180	255	145	110	275	95
80	125	100	50	19	40	6	16	80	10	100	80	120	M6	4	165	130	200	12	4	160	165	120	110	200	295	175	120	300	110
90S	140	100	56	24	50	8	20	90	10	115	95	140	M8	4	165	130	200	12	4	180	185	120	130	220	310	185	130	335	120
90L	140	125	56	24	50	8	20	90	10	115	95	140	M8	4	165	130	200	12	4	180	185	120	130	220	335	I85	130	360	120