

Product Categories: YL SERIES Motor

Product Description:

Frame NO: 71~132

Power: 0.18~5.5kW

Operation service: S1

Rated Voltage: $\pm 5\%$

Insulation class: B.F

Protection class:: IP44

EFF: EF3 EF2 EF1

Ambient temperature:-15C~40C

Products Introduction::

YL series single phase two-capacitors asynchronous motor is designed and manufactured in according with IEC standard. YL series motors have following features: good performance, safe and reliable operation, nice appearance, convenient maintenance low noise, slight vibration, light weight and simple construction.

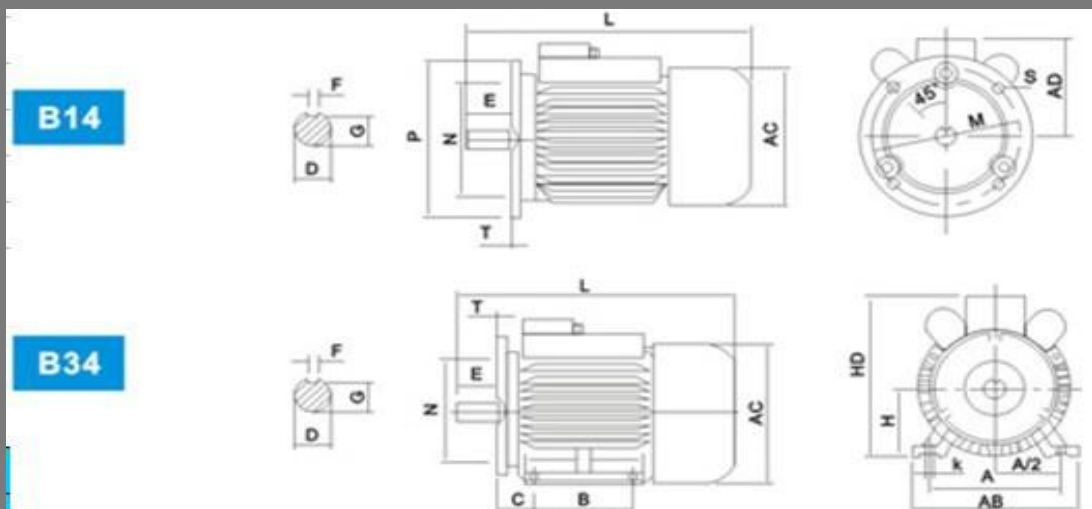
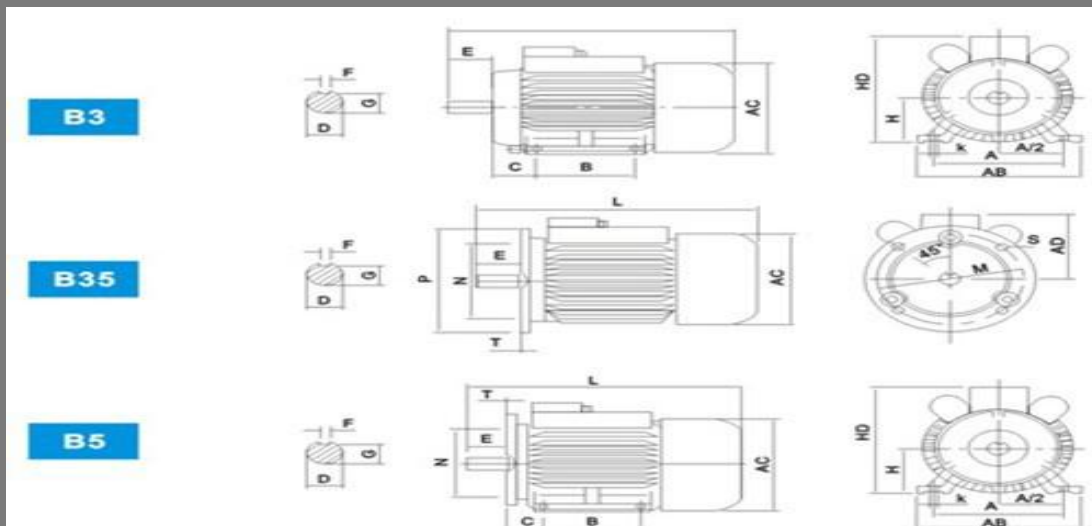
This series motors can be used on household appliance, pumps, fans and recording meters, etc.

Technical Data YL-SERESE MOTOR (220V/50Hz)

型号 Type	功率 Power		电流 Current	转速 Speed	效率 Eff	功率因素 Power Factor	堵转电流/额定电流 Starting current/Rated current	堵转转矩/额定转矩 Starting torque/Rated torque	最大扭矩/额定转矩 Max torque/Rated torque
	Hp	kW	(A)	(r/min)	(%)	(cos ϕ)			
220V 50Hz 2P									
YL7112	0.3	0.25	1.53	2800	67	0.93	9.9	1.6	1.8
YL7122	1/2	0.37	2.73	2800	67	0.92	16	1.8	1.8
YL8012	3/4	0.55	3.88	2800	70	0.92	21	1.8	1.8
YL8012B	1	0.75	4.92	2800	73	0.95	29	1.8	1.8
YL8022	1.5	1.1	7.01	2800	75	0.95	40	1.8	1.8
YL90S-2	2	1.5	9.44	2800	76	0.95	55	1.8	1.8
YL90L-2	3	2.2	13.7	2800	77	0.95	80	1.8	1.8
YL100L-2	4	3	18.4	2800	79	0.95	110	1.8	1.8
YL112M-2	5	3.7	22.2	2800	80	0.95	160	1.7	1.8
220V 50Hz 4P									
YL7114	1/4	0.18	1.29	1400	63	0.92	7.4	1.6	1.7
YL7124	0.3	0.25	2	1400	62	0.92	12	1.8	1.8
YL7124B	1/2	0.37	2.8	1400	65	0.92	16	1.8	1.8
YL8014	3/4	0.55	3.94	1400	69	0.92	21	1.8	1.8

YL8024	1	0.75	5.22	1400	71	0.92	29	1.6	1.8
YL90S-4	1	0.75	5.22	1400	71	0.92	29	1.6	1.8
YL90S-4	1.5	1.1	7.31	1400	72	0.95	40	1.6	1.8
YL90L-4	2	1.5	9.69	1400	74	0.95	55	1.6	1.8
YL100L1-4	3	2.2	13.85	1400	76	0.95	110	1.8	1.8
YL100L2-4	4	3	18.4	1400	78	0.95	110	1.8	1.8
YL112M1-4	4	3	18.4	1400	78	0.95	110	1.8	1.8
YL112M2-4	5	3.7	22.4	1400	78	0.95	138	1.8	1.8
YL132S1-4	4	3	18.4	1400	79	0.95	110	1.8	1.8
YL132S2-4	5	3.7	22.4	1400	79	0.95	138	1.8	1.8
YL132M-4	7.5	5.5	32.9	1400	80	0.95	227	1.8	1.8

YL SINGLE PHASE MOTOR DIMENSIONS(mm)



Frame No.	Installation size(mm)									B34 B14						
	A	B	C	D	E	F	G	H	K	Flange No.	M	N	P	R*	s	T
63	100	80	40	11	23	4	8.5	63	7	FT75	75	60	90	0	M5	2.5
71	112	90	45	14	30	5	11	71	7	FT85	85	70	105	0	M6	2.5
80	125	100	50	19	40	6	15.5	80	10	FT100	100	80	120	0		3
90S	140	100	56	24	50	8	20	90	10	FT115	115	95	140	0	M8	3
90L	140	125	56	24	50	8	20	90	10	FT115	115	95	140	0		3
100L	160	140	63	28	60	8	24	100	12	FT130	130	110	160	0		3.5
112M	190	140	70	28	60	8	24	112	12	FT130	130	110	160	0		3.5
132S	216	140	89	38	80	10	33	132	12	—	—	—	—	—	—	—
132M	216	178	89	38	80	10	33	132	12	—	—	—	—	—	—	—
Frame No.	B35 B5						Overall dimensions≤									
	M	N	P	R*	S	T	AB	AC	AD	HD	L	DH				
FF115	115	95	140	0	10	3	135	130	70	180	230	M4×12				
FF130	130	110	160	0	10	3.5	150	145	80	195	255	M5×12				
FF165	165	130	200	0	12	3.5	165	175	145	220	295	M6×16				
FF165	165	130	200	0	12	3.5	180	195	155	250	320	M8×19				
FF165	165	130	200	0	12	3.5	180	195	155	250	345	M8×19				
FF215	215	180	250	0	15	4	205	215	180	270	385	M10×22				
FF215	215	180	250	0	15	4	230	240	190	300	400	M10×22				
FF265	265	230	300	0	15	4	270	275	210	345	470	M12×28				
FF265	265	230	300	0	15	4	270	275	210	345	510	M12×28				