

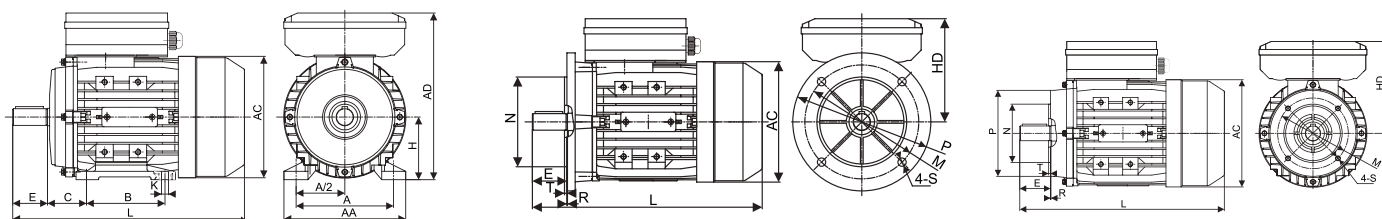
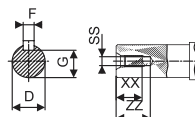
ML Series

Single-Phase Capacitor Start and Capacitor Run Induction Motor

Aluminum Housing

ML series aluminum housing single-phase dual-capacitor asynchronous motors, with latest design in entirety, are made of selected quality materials and conform to the IEC standard. ML motors have good performance, safety and reliable operation, the multiple of starting torque is up to 2.5.

These series motors are suitable for the occasion where the requirements of big starting torque and high over load, such as air- compressors, pumps, and many other small machines.



IM B3

IM B5

IM B14

Frame	IM B3										IM B14										IM B5										Overall Dimensions					Shaft End		
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AA	AC	AD	HD	L	SS	XX	ZZ									
63	100	80	40	11	23	4	8.5	63	7x10	75	60	90	0	M5	2.5	115	95	140	0	ø10	3.0	120	130	179	116	212	M4	10	15									
71	112	90	45	14	30	5	11	71	7x10	85	70	105	0	M6	2.5	130	110	160	0	ø10	3.5	132	145	194	123	255	M5	12	18									
80	125	100	50	19	40	6	15.5	80	10x13	100	80	120	0	M6	3.0	165	130	200	0	ø12	3.5	157	165	223	143	290	M6	16	22									
90S	140	100	56	24	50	8	20	90	10x13	115	95	140	0	M8	3.0	165	130	200	0	ø12	3.5	172	185	240	150	335	M8	20	25									
90L	140	125	56	24	50	8	20	90	10x13	115	95	140	0	M8	3.0	165	130	200	0	ø12	3.5	172	185	240	150	365	M8	20	25									
100L	160	140	63	28	60	8	24	100	12x15	130	110	160	0	M8	3.5	215	180	250	0	ø15	4.0	196	205	260	160	398	M10	22	28									
112M	190	140	70	28	60	8	24	112	12x15	130	110	160	0	M8	3.5	215	180	250	0	ø15	4.0	222	230	295	183	416	M10	22	28									

Model	Output	Voltage	Current	Eff	Power	Rating	Start torque	Starting	Speed	Noise	Min.torque	Max. torque	Start	Run	Weight	
	KW	HP	(V)	(A)	(%)	Factor	Torque (N.M)	Rating torque	Current(A)	(r.p.m)	(dBA)	Rating torque	Rating torque	Capacitor	Capacitor	kGS
2-Pole Synchronous 3000RPM 50Hz																
ML63A2	0.18	0.25	230	1.38	73	0.95	0.63	1.8	8	2710	70	1.0	1.6	30µF/450V	10µF/450V	3.9
ML63B2	0.25	0.33	230	1.89	73	0.95	0.88	1.8	10	2710	70	1.0	1.6	40µF/450V	12µF/450V	4.4
ML71A2	0.37	0.5	230	2.66	73	0.95	1.27	1.8	15	2780	70	1.0	1.6	75µF/450V	12µF/450V	6.1
ML71B2	0.55	0.75	230	3.78	73	0.95	1.88	1.8	20	2790	70	1.0	1.6	100µF/450V	16µF/450V	7.0
ML80A2	0.75	1	230	4.87	73	0.95	2.56	1.8	30	2800	70	1.0	1.6	100µF/450V	20µF/450V	9.0
ML80B2	1.1	1.5	230	7.04	75	0.95	3.74	1.8	40	2810	70	1.0	1.6	150µF/450V	30µF/450V	10.3
ML90S2	1.5	2.0	230	9.48	76	0.95	5.10	1.8	55	2810	73	1.0	1.6	200µF/450V	40µF/450V	16.3
ML90L2	2.2	3.0	230	13.57	77	0.95	7.48	1.7	75	2810	73	1.0	1.6	250µF/450V	50µF/450V	16.7
ML100LA2	3.0	4.0	230	17.83	79	0.95	10.13	1.7	110	2830	78	1.0	1.6	400µF/450V	60µF/450V	25.0
ML112MA2	3.7	5.0	230	21.48	80	0.95	12.40	1.7	140	2850	78	1.0	1.6	600µF/450V	60µF/450V	33.0
ML112MB2	4.0	5.5	230	22.18	80	0.98	13.41	1.7	150	2850	78	1.0	1.6	600µF/450V	60µF/450V	34.2
4-Pole Synchronous 1500RPM 50Hz																
ML63A4	0.12	0.15	230	1.05	69	0.92	0.85	1.7	6	1350	65	1.0	1.6	30µF/450V	10µF/450V	4.1
ML63B4	0.18	0.25	230	1.55	69	0.92	1.27	1.7	8.5	1350	65	1.0	1.6	40µF/450V	12µF/450V	4.5
ML71A4	0.25	0.33	230	2.01	69	0.92	1.73	1.7	10	1380	65	1.0	1.6	50µF/450V	12µF/450V	5.9
ML71B4	0.37	0.55	230	2.84	69	0.92	2.56	1.7	15	1380	65	1.0	1.6	75µF/450V	16µF/450V	6.9
ML80A4	0.55	0.75	230	4.03	69	0.92	3.75	1.7	20	1400	65	1.0	1.6	100µF/450V	20µF/450V	9.6
ML80B4	0.75	1.0	230	5.25	71	0.95	5.08	1.7	30	1410	65	1.0	1.6	100µF/450V	25µF/450V	10.9
ML90S4	1.1	1.5	230	7.24	72	0.95	7.45	1.7	40	1410	68	1.0	1.6	150µF/450V	35µF/450V	13.8
ML90L4	1.5	2.0	230	9.61	74	0.95	10.24	1.7	55	1410	68	1.0	1.6	200µF/450V	40µF/450V	16.7
ML100LA4	2.2	3.0	230	13.9	76	0.95	14.70	1.7	75	1430	73	1.0	1.6	300µF/450V	50µF/450V	22.8
ML100LB4	3.0	4.0	230	18.7	78	0.95	19.91	1.7	110	1440	73	1.0	1.6	500µF/450V	60µF/450V	28.7
ML112MA4	3.7	5.0	230	21.99	79	0.95	24.55	1.7	140	1440	78	1.0	1.6	600µF/450V	60µF/450V	31.0
ML112MB4	4.0	5.5	230	22.41	80	0.98	26.54	1.7	150	1440	78	1.0	1.6	600µF/450V	60µF/450V	32.8