

## ML

**SERIES SINGLE-PHASE  
DUAL-CAPACITOR  
ASYNCHRONOUS  
MOTORS**  
ALUMINUM HOUSING



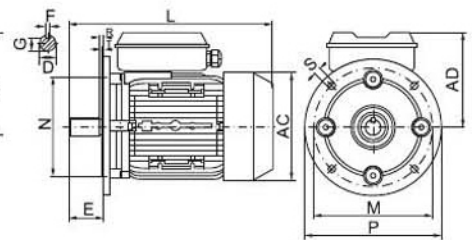
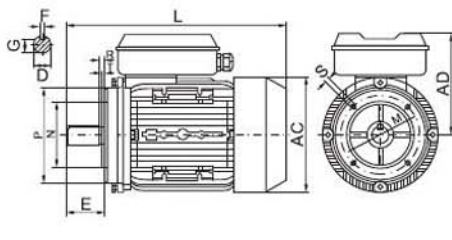
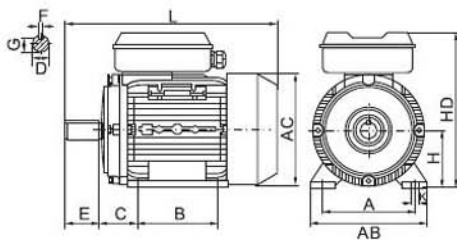
### INTRODUCE :

Conform to the IEC standard  
Be made of selected quality materials  
Good performance, low noise, little vibration, safety & reliable operation  
Nice appearance, light weight  
Be maintained very conveniently, simple construction  
Good general performance, 1.8 to 2.5 times more than rated torque



### IMB14

### IMB5



### INSTALLATION SIZE AND OVERALL DIMENSION

Frame Size	Mounting Dimension (mm)																		Frame Dimension (mm)					
	IM B3									IM B14					IM B5									
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	M	N	P	S	T	AB	AC	AD	HD	L
63	100	80	40	11	23	4	8.5	63	7	75	60	90	M5	2.5	115	95	140	10	3	125	120	109	172	213
71	112	90	45	14	30	5	11	71	7	85	70	105	M6	2.5	130	110	160	10	3.5	132	139	117	188	255
80	125	100	50	19	40	6	15.5	80	10	100	80	120	M6	3	165	130	200	12	3.5	160	158	135	215	285
90S	140	100	56	24	50	8	20	90	10	115	95	140	M8	3	165	130	200	12	3.5	176	175	145	235	304
90L	140	125	56	24	50	8	20	90	10	115	95	140	M8	3	165	130	200	12	3.5	176	175	145	235	329
100L	160	140	63	28	60	8	24	100	12	130	110	160	M8	3.5	215	180	250	14.5	4	196	196	155	255	372
112M	190	140	70	28	60	8	24	112	12	130	110	160	M8	3.5	215	180	250	14.5	4	219	219	172	284	294

### TECHNICAL DATA

Model	Power (kW)	Voltage (V)	Current (A)	Speed (rpm)	Eff (%)	Power Factor	T <sub>start</sub> /T <sub>n</sub>	T <sub>max</sub> /T <sub>n</sub>	Net Weight (kg)
ML 63A-2	0.18	220	1.56	2800	57	0.95	2.5	1.8	5
ML 71A-2	0.37	220	2.73	2800	67	0.92	2.5	1.8	7
ML 71B-2	0.55	220	3.88	2800	70	0.92	2.5	1.8	8
ML 80A-2	0.75	220	5.15	2800	72	0.92	2.5	1.8	8.5
ML 80B-2	1.1	220	7.02	2800	75	0.95	2.5	1.8	9.5
ML 90S-2	1.5	220	9.44	2800	76	0.95	2.5	1.8	12.5
ML 90L-2	2.2	220	13.67	2800	77	0.95	2.5	1.8	14
ML 100L-2	3	220	18.2	2800	79	0.95	2.5	1.8	20.5
ML 112M-2	3.7	220	22.12	2800	80	0.95	2.5	1.8	33
ML 63A-4	0.18	220	1.62	1400	52	0.97	2.5	1.8	5
ML 71B-4	0.37	220	2.81	1400	65	0.92	2.5	1.8	8.1
ML 80A-4	0.55	220	4.0	1400	68	0.92	2.5	1.8	8.9
ML 80B-4	0.75	220	5.22	1400	71	0.92	2.5	1.8	9.6
ML 90S-4	1.1	220	7.2	1400	73	0.95	2.5	1.8	13
ML 90L-4	1.5	220	9.57	1400	75	0.95	2.5	1.8	16
ML 100LA-4	2.2	220	13.9	1400	76	0.95	2.5	1.8	23
ML 100LB-4	3	220	18.6	1400	77	0.96	2.5	1.8	24
ML 112M-4	3.7	220	22.37	1400	78	0.95	2.5	1.8	38