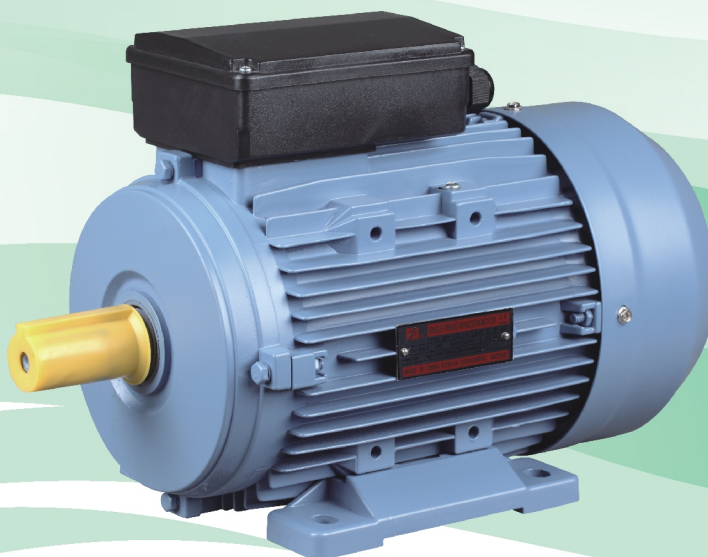


# MC SERIES

## SINGLE PHASE CAPACITOR START ASYNCHRONOUS ALUMINUM HOUSING MOTOR



MC series are conformed to IEC standard and made of selected quality materials. The starting torque of the motor is 2-3 times as rated torque. It's good utility for family workshop where only single phase power is available.

Features: high starting torque, low temperature-rise, low noise, slight vibration, light weight, simple construction, good appearance and etc.

Applications: small machine tools, pumps, refrigerators and many other machine that need full-load start.

### RANGE OF PERFORMANCE

Frame Size: H71~H112  
Rated Power Range: 0.18KW ~ 3KW

### OPERATING CONDITIONS

Ambient Temperature:  $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$   
Above Sea Level: not exceed 1000m  
Rated Voltage: 220 V, 110V~240V is available  
Rated Frequency: 50Hz or 60Hz  
Insulation Class: Class B/F  
Protection Class: IP54/55  
Duty:S1

### TECHNICAL DATA

TYPE	Output		Current (A)	Speed (r/min)	Eff (%)	Power Factor	Rated Torque(N.M)	Tstart/Tn	Tmax/Tn	Starting Current (A)
	KW	HP	380V							
MC-711-2	0.18	0.25	1.89	2750	60	0.72	0.63	3	1.8	12
MC-712-2	0.25	0.34	2.40	2780	64	0.74	0.86	3	1.8	15
MC-801-2	0.37	0.5	3.36	2800	65	0.77	1.26	2.8	1.8	21
MC-802-2	0.55	0.75	4.65	2800	68	0.79	1.88	2.8	1.8	29
MC-90S-2	0.75	1	6.09	2810	70	0.8	2.55	2.5	1.8	37
MC-90L-2	1.1	1.5	8.68	2820	72	0.8	3.73	2.5	1.8	60
MC-100L1-2	1.5	2	11.38	2830	74	0.81	5.06	2.5	1.8	80
MC-100L2-2	2.2	3	16.46	2840	75	0.81	7.40	2.2	1.8	120
MC-112M-2	3	4	21.88	2850	76	0.82	10.05	2.2	1.8	150
MC-711-4	0.12	0.16	1.88	1360	50	0.58	0.84	3	1.8	9
MC-712-4	0.18	0.25	2.49	1380	53	0.62	1.25	2.8	1.8	12
MC-801-4	0.25	0.34	3.11	1390	58	0.63	1.72	2.8	1.8	15
MC-802-4	0.37	0.5	4.24	1400	62	0.64	2.52	2.5	1.8	21
MC-90S-4	0.55	0.75	5.49	1400	66	0.69	3.75	2.5	1.8	29
MC-90L-4	0.75	1	6.87	1410	68	0.73	5.08	2.5	1.8	37
MC-100L1-4	1.1	1.5	9.52	1420	71	0.74	7.40	2.5	1.8	60
MC-100L2-4	1.5	2	12.45	1430	73	0.75	10.02	2.5	1.8	80
MC-112M-4	2.2	3	17.78	1440	74	0.76	14.59	2.2	1.8	120