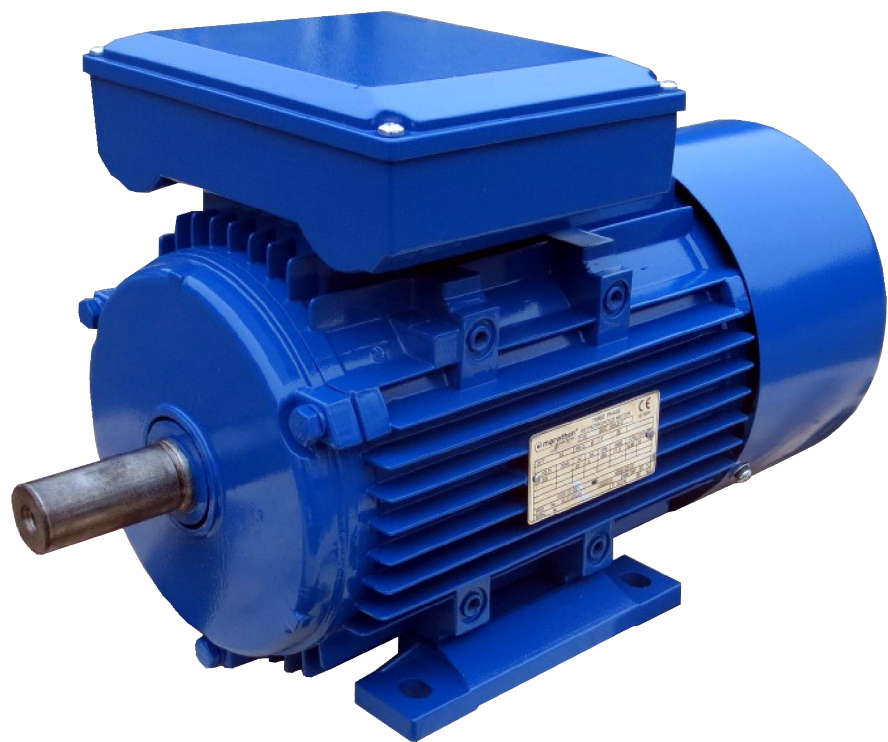


marathon™

IEC Single-phase Motors



A Regal Brand

REGAL

Capacitor Start - Capacitor Run Motors

230V 50Hz

Insulation class F/B

IP54

(High starting torque)

Material	TYPE	Output 50Hz kW	Frame Size	Speed 50Hz rpm	Current 230V A	Power Factor cos	Efficiency %	Ratio			Run Capacitor µF/V	Start Capacitor µF/V	Weight kg
								Starting current	Starting torque	B/down torque			
2 pole - 3000 rpm													
	MLCC 71M02A	0.37	71	2760	2.53	0.95	67	5.5	1.8	1.6	14/450	100/250	6.5
	MLCC 71M02	0.55		2780	3.6	0.95	70	5.5	1.8	1.6	15/450	120/250	7.2
	MLCC 80M02A	0.75	80	2800	4.77	0.95	72	5.5	1.8	1.6	25/450	150/250	8.5
	MLCC 80M02	1.1		2800	6.8	0.95	74	5.5	1.8	1.6	30/450	200/250	9.5
	MLCC 90S02	1.5	90S	2800	9.15	0.95	75	5.5	1.8	1.6	40/450	300/250	13.2
	MLCC 90L02	2.2	90L	2800	13.25	0.95	76	5.5	1.7	1.6	40/450	300/250	14.5
	MLCC 100L02	3	100L	2800	17.6	0.95	78	6	1.7	1.6	50/450	500/250	21
4 pole - 1500 rpm													
	MLCC 71M04A	0.25	71	1360	1.94	0.92	61	5	1.7	1.6	15/450	100/250	6.7
	MLCC 71M04	0.37		1370	2.77	0.92	63	5	1.7	1.6	16/450	100/250	7.4
	MLCC 80M04A	0.55	80	1400	3.82	0.92	68	5	1.7	1.6	25/450	150/250	8.8
	MLCC 80M04	0.75		1400	4.9	0.95	70	5	1.7	1.6	30/450	150/250	10
	MLCC 90S04	1.1	90S	1400	7.1	0.95	71	5	1.7	1.6	40/450	200/250	13.5
	MLCC 90L04	1.5	90L	1400	9.4	0.95	73	5	1.7	1.6	40/450	250/250	16.6
	MLCC 100L04A	2.2	100L	1400	13.43	0.95	75	5	1.7	1.6	50/450	400/250	24
	MLCC 100L04	3		1400	17.83	0.95	77	5	1.7	1.6	60/450	500/250	28.2

Permanent Capacitor Motors

230V 50Hz

Insulation class F/B

IP54

(Low starting torque)

Material	TYPE	Output 50Hz kW	Frame Size	Speed 50Hz rpm	Current 230V A	Power Factor cos	Efficiency %	Ratio			Run Capacitor µF/V	Start Capacitor µF/V	Weight kg
								Starting current	Starting torque	B/down torque			
2 pole - 3000 rpm													
	MLC 63M02A	0.18	63	2760	1.31	0.92	65	3.8	0.4	1.7	10/450	n/a	4.1
	MLC 63M02	0.25		2760	1.79	0.92	66	3.9	0.4	1.7	10/450	n/a	4.5
	MLC 71M02A	0.37	71	2800	2.61	0.92	67	3.8	0.35	1.7	20/450	n/a	6.4
	MLC 71M02	0.55		2800	3.71	0.92	70	4.0	0.35	1.7	25/450	n/a	6.6
	MLC 80M02A	0.75	80	2810	4.92	0.92	72	4.1	0.33	1.7	35/450	n/a	8.3
	MLC 80M02	1.1		2820	6.71	0.95	75	4.5	0.33	1.7	45/450	n/a	9.1
	MLC 90S02	1.5	90S	2840	9.03	0.95	76	5.0	0.3	1.7	45/450	n/a	13.5
	MLC 90L02	2.2	90L	2840	13.08	0.95	77	5.0	0.3	1.7	55/450	n/a	15.6
4 pole - 1500 rpm													
	MLC 63M04	0.18	63	1340	1.47	0.9	59	3.4	0.4	1.7	10/450	n/a	4.6
	MLC 71M04A	0.25	71	1370	1.94	0.92	61	3.6	0.35	1.7	14/450	n/a	6.3
	MLC 71M04	0.37		1370	2.82	0.92	62	3.5	0.35	1.7	16/450	n/a	7.3
	MLC 80M04A	0.55	80	1400	4.06	0.92	64	3.7	0.35	1.7	30/450	n/a	9.8
	MLC 80M04	0.75		1400	5.21	0.92	68	3.8	0.32	1.7	35/450	n/a	10.5
	MLC 90S04	1.1	90S	1410	7.09	0.95	71	4.2	0.32	1.7	40/450	n/a	13.6
	MLC 90L04	1.5	90L	1410	9.41	0.95	73	4.8	0.3	1.7	50/450	n/a	16.8

Aluminium Frame

Ambient temperature -20°C to +40°C, Altitude up to 1000m
Continuous duty cycle - S1

DataSheets & Drawings can be downloaded from our website: www.regalbeloit.eu

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