

MY/MYT Series

Single-Phase Capacitor Run Asynchronous Motors

Aluminum Housing

IEC MOTOR

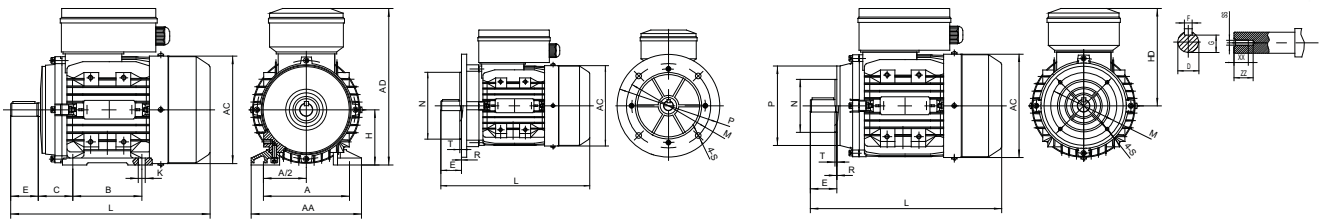
GOST MOTOR

NEMA MOTOR

MY/MYT series aluminum housing single-phase capacitor-run asynchronous motors, with latest design in entirety, are made of selected quality materials and conform to the IEC standard.

MY motors have good performance, safety and reliable operation, nice appearance, and can be maintained very conveniently, while with low noises, little vibration and at the same time of light weight and simple construction. The multiple of starting torque is 0.3~0.7(MY), 0.45~0.75(MYT).

These series motors are suitable for the occasion where there requirements of starting torque is low and long-term continuous working, such as home electric appliances, pumps, fans, and recording meters, etc.



IM B3

IM B5

IM B14

Overall & Installation Dimensions

FRAME	Mounting Dimensions									Overall Dimensions					Shaft End Screw Dimensions		
	H	A	B	C	D	E	F	G	K	AA	AD	HD	AC	L	SS	XX	ZZ
MY 56	56	90	71	36	Φ9	20	3	7.2	5.8×8.8	110	144	88	Φ110	193	M4	9	12
MY 63	63	100	80	40	Φ11	23	4	8.5	7×10	120	181	118	Φ121	217	M4	10	14
MY 71	71	112	90	45	Φ14	30	5	11	7×10	132	196	125	Φ139	241/255	M5	12	17
MY 80	80	125	100	50	Φ19	40	6	15.5	10×13	160	226	146	Φ156	290	M6	16	21
MY 90S	90	140	100	56	Φ24	50	8	20	10×13	175	243	153	Φ174	310	M8	19	25
MY 90L	90	140	125	56	Φ24	50	8	20	10×13	175	243	153	Φ174	335/365	M8	19	25
MY 100L	100	160	140	63	Φ28	60	8	24	12×15	198	265	165	Φ196	369/387	M10	22	30

FRAME	KK	B5							B14							B5R						B14B					
		N	M	P	S	T	R	N	M	P	S	T	R	N	M	P	T	S	R	N	M	P	T	S	R		
MY 56	1-M16*1.5	Φ80	Φ100	Φ120	Φ7	3	0	Φ50	Φ65	Φ80	M5	2.5	0														
MY 63	1-M20*1.5	Φ95	Φ115	Φ140	Φ10	3	0	Φ60	Φ75	Φ90	M5	2.5	0							Φ80	Φ100	Φ120	3	M6	0		
MY 71	1-M20*1.5	Φ110	Φ130	Φ160	Φ10	3.5	0	Φ70	Φ85	Φ105	M6	2.5	0	Φ95	Φ115	Φ140	3	Φ10	0	Φ95	Φ115	Φ140	3	M8	0		
MY 80	1-M20*1.5	Φ130	Φ165	Φ200	Φ12	3.5	0	Φ80	Φ100	Φ120	M6	3	0	Φ110	Φ130	Φ160	3.5	Φ10	0	Φ110	Φ130	Φ160	3.5	M8	0		
MY 90	1-M20*1.5	Φ130	Φ165	Φ200	Φ12	3.5	0	Φ95	Φ115	Φ140	M8	3	0	Φ110	Φ130	Φ160	3.5	Φ10	0	Φ110	Φ130	Φ160	3.5	M8	0		
MY 100	1-M20*1.5	Φ180	Φ215	Φ250	Φ15	4	0	Φ110	Φ130	Φ160	M8	3.5	0	Φ130	Φ165	Φ200	3.5	Φ12	0	Φ130	Φ165	Φ200	3.5	M10	0		

D.C. MOTOR

T echnical Data (at 230V/50Hz)

MODEL	Power (KW)	Current (A)	Speed (r/min)	Eff (%)	Power factor (cos ϕ)	Tstart/Tn (Times)	Tmax/Tn (Times)	Starting Current(A)	Run Capacitor (μ f/V)	Noise dB(A)	W.t. (Kg)	Inertia kg*m ²
MY561-2	0.09	0.81	2750	51	0.95	0.7	1.7	2	5 μ f/450V	67	2.8	0.000093
MY562-2	0.12	0.89	2800	61	0.96	0.7	1.8	3.1	6 μ f/450V	67	3.05	0.000120
MY631-2	0.18	1.31	2770	62	0.96	0.55	1.8	4.5	8 μ f/450V	70	4.1	0.000141
MY632-2	0.25	1.65	2780	68	0.97	0.55	1.8	6	10 μ f/450V	70	4.5	0.000168
MY633-2	0.37	2.51	2780	67.5	0.95	0.46	1.65	8	12 μ f/450V	75	5.25	0.000216
MY634-2	0.55	3.52	2740	70	0.97	0.46	1.55	12	16 μ f/450V	75	5.5	0.000249
MY711-2	0.37	2.54	2780	68	0.93	0.5	1.64	9.5	12 μ f/450V	75	5.6	0.000330
MY712-2	0.55	3.45	2800	73	0.95	0.5	1.8	14.5	16 μ f/450V	75	6.95	0.000356
MY713-2	0.75	4.45	2840	75.5	0.97	0.48	1.8	20	25 μ f/450V	75	8.15	0.000436
MY801-2	0.75	4.51	2810	73	0.99	0.45	1.75	19	25 μ f/450V	75	8.5	0.000789
MY802-2	1.1	6.30	2810	77.5	0.98	0.45	1.8	30	35 μ f/450V	78	11	0.001174
MY803-2	1.5	8.48	2820	78.5	0.98	0.34	1.68	40	40 μ f/450V	80	12.75	0.001430
MY90S-2	1.5	8.45	2820	78	0.99	0.33	1.72	35	45 μ f/450V	80	13.7	0.001512
MY90L-2	2.2	12.08	2850	80	0.99	0.29	1.8	61	60 μ f/450V	80	16.7	0.001983
MY100L-2	3	16.7	2860	79	0.99	0.35	1.8	73	80 μ f/450V	83	23.1	0.004803
MY561-4	0.06	0.55	1410	49	0.97	0.7	1.8	1.5	4 μ f/450V	63	3.3	0.000215
MY562-4	0.09	0.78	1390	51	0.99	0.7	1.65	8	6 μ f/450V	63	3.6	0.000240
MY631-4	0.12	0.97	1400	55	0.98	0.7	1.75	2.5	8 μ f/450V	65	4.45	0.000298
MY632-4	0.18	1.35	1380	59	0.98	0.6	1.65	3.5	10 μ f/450V	65	5.05	0.000373
MY633-4	0.25	1.77	1380	62.5	0.98	0.55	1.6	5	12 μ f/450V	65	5.4	0.000448
MY710-4	0.18	1.33	1420	60.5	0.97	0.48	1.65	4	10 μ f/450V	65	5.2	0.000538
MY711-4	0.25	1.70	1410	64.5	0.99	0.5	1.6	5	12 μ f/450V	65	5.8	0.000641
MY712-4	0.37	2.43	1410	67.5	0.98	0.44	1.65	7.5	16 μ f/450V	68	6.9	0.000846
MY713-4	0.55	3.45	1385	70	0.99	0.45	1.47	10.5	20 μ f/450V	70	8.25	0.001052
MY800-4	0.37	2.38	1420	69	0.98	0.45	1.8	9	16 μ f/450V	68	8	0.001285
MY801-4	0.55	3.34	1420	73	0.98	0.45	1.78	13	20 μ f/450V	70	9.55	0.001618
MY802-4	0.75	4.42	1420	74.5	0.99	0.44	1.71	16.5	30 μ f/450V	70	10.45	0.002061
MY90S-4	1.1	6.30	1420	77.5	0.98	0.35	1.75	24	40 μ f/450V	73	13.1	0.002500
MY90L-4	1.5	8.55	1420	79.5	0.96	0.33	1.8	36	45 μ f/450V	75	16.45	0.003240
MY100L1-4	2.2	13.0	1450	79	0.93	0.31	1.8	65	70 μ f/450V	78	22.8	0.008045
MY100L2-4	3	16.8	1450	81	0.96	0.31	1.8	91	90 μ f/450V	78	29.2	0.010853
MY631-6	0.09	0.9	900	44.5	0.97	0.38	1.53	2	8 μ f/450V	63	5.1	0.000550
MY632-6	0.12	1.1	875	47.5	0.98	0.25	1.23	2	11 μ f/450V	63	6	0.000649
MY711-6	0.18	1.5	920	55.5	0.97	0.5	1.5	3.5	11 μ f/450V	68	6.3	0.000585
MY712-6	0.25	2.0	930	56	0.98	0.45	1.5	5	16 μ f/450V	68	7.6	0.001151
MY801-6	0.37	2.5	960	66	0.96	0.35	1.6	8.5	20 μ f/450V	68	9	0.002232
MY802-6	0.55	3.5	955	70.5	0.97	0.35	1.6	12	25 μ f/450V	70	11.6	0.002903
MY90S-6	0.75	5.0	905	67	0.98	0.35	1.6	13	35 μ f/450V	70	13.5	0.003523
MY90L-6	1.1	6.6	940	74	0.98	0.35	1.5	25	50 μ f/450V	70	16.2	0.004957

Technical Data (at 230V/50Hz)

MODEL	Power (KW)	Current (A)	Speed (r/min)	Eff (%)	Power Factor (cos φ)	Tstart/Tn (Times)	Tmax/Tn (Times)	Starting Current(A)	Run Capacitor (μf/V)	Noise dB(A)	W.t. (Kg)	Inertia kg*m ²
MYT631-2	0.18	1.29	2750	62	0.98	0.7	1.8	4	10μf/450V	70	0.200141184	0.000141
MYT632-2	0.25	1.71	2750	65	0.98	0.65	1.75	5.5	12μf/450V	70	0.200167831	0.000168
MYT633-2	0.37	2.39	2740	68	0.99	0.7	1.8	8	16μf/450V	75	0.200215795	0.000216
MYT711-2	0.37	2.59	2640	66	0.94	0.7	1.65	8	14μf/450V	75	6.1	0.000356
MYT712-2	0.55	3.52	2760	71.5	0.95	0.7	1.8	14	20μf/450V	75	7.7	0.000489
MYT801-2	0.75	4.87	2760	69	0.97	0.7	1.8	17.5	25μf/450V	75	10.25	0.001007
MYT802-2	1.1	6.53	2780	74	0.99	0.7	1.8	25	40μf/450V	78	11.6	0.001238
MYT90S-2	1.5	8.56	2755	77	0.99	0.65	1.8	31	50μf/450V	80	14.55	0.001665
MYT90L-2	2.2	12.39	2765	78	0.99	0.65	1.8	51	70μf/450V	80	17.8	0.002136
MYT90L2-2	3	16.68	2800	79	0.99	0.48	1.8	85	90μf/450V	83	22.3	0.002686
MYT100L0-2	2.2	12.68	2825	77	0.98	0.55	1.8	13	70μf/450V	80	21	0.004803
MYT100L-2	3	17.11	2765	77	0.99	0.55	1.75	64	90μf/450V	83	23.7	0.005383
MYT561-4	0.06	0.55	1410	49	0.97	0.7	1.8	1.5	4μf/450V	63	3.3	0.000215
MYT562-4	0.09	0.78	1390	51	0.99	0.7	1.65	8	6μf/450V	63	3.6	0.000240
MYT631-4	0.12	0.97	1400	55	0.98	0.7	1.75	2.5	8μf/450V	65	4.45	0.000298
MYT632-4	0.18	1.35	1380	59	0.98	0.6	1.65	3.5	10μf/450V	65	5.05	0.000373
MYT633-4	0.25	1.76	1380	62.5	0.99	0.63	1.57	5	14μf/450V	65	5.4	0.000448
MYT711-4	0.25	1.81	1310	60.5	0.99	0.7	1.55	4.5	14μf/450V	65	6.2	0.000692
MYT712-4	0.37	2.48	1325	65.5	0.99	0.7	1.52	6.5	20μf/450V	68	7.3	0.000898
MYT800-4	0.37	2.63	1350	63	0.97	0.7	1.7	7.5	16μf/450V	68	8.5	0.001396
MYT801-4	0.55	3.70	1330	66	0.98	0.7	1.57	10.5	25μf/450V	73	10.05	0.001728
MYT802-4	0.75	4.82	1355	69	0.98	0.67	1.65	16	35μf/450V	73	11.4	0.002393
MYT90S-4	1.1	6.94	1355	72.5	0.95	0.68	1.8	22	40μf/450V	75	14.4	0.002743
MYT90L-4	1.5	9.28	1360	74	0.95	0.68	1.8	32	50μf/450V	78	17.5	0.003483
MYT100L1-4	2.2	12.64	1390	78	0.97	0.48	1.75	49	70μf/450V	80	24.5	0.008665
MYT100L2-4	3	16.57	1380	79.5	0.99	0.45	1.6	61	90μf/450V	80	32	0.010853
MYT711-6	0.18	1.52	930	52	0.99	0.65	1.7	3.5	14μf/450V	68	6.3	0.000585
MYT712-6	0.25	2.12	925	54	0.95	0.58	1.7	5	16μf/450V	68	7.6	0.001151
MYT801-6	0.37	2.63	925	63	0.97	0.67	1.7	7.5	20μf/450V	68	9	0.002232
MYT802-6	0.55	3.71	915	66.5	0.97	0.63	1.7	11	30μf/450V	70	11.6	0.002903
MYT90S-6	0.75	4.93	890	67.5	0.98	0.65	1.5	12	40μf/450V	70	13.5	0.003523
MYT90L-6	1.1	7.15	905	69	0.97	0.55	1.7	21	50μf/450V	70	16.2	0.004957

* Note: MYT is high starting torque series single phase capacitor-run motors