

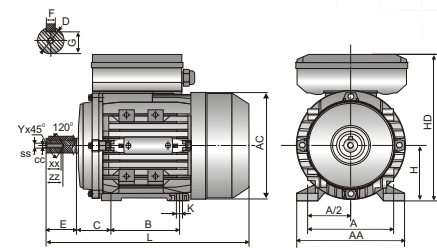
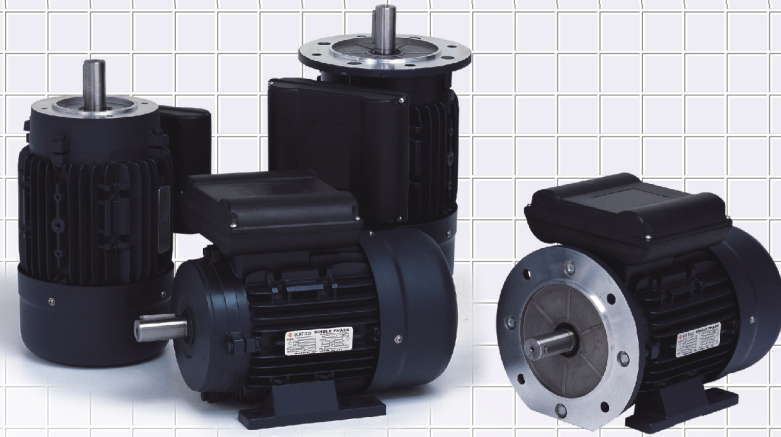
# ML

## ALUMINUM HOUSING

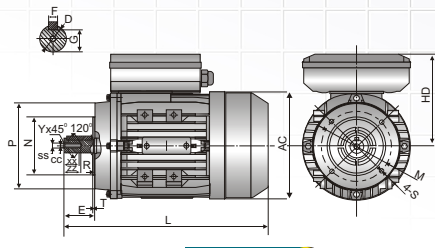
ML series aluminum housing single-phase dual-capacitor asynchronous motors, with latest design in entirety, are made of selected quality materials and conform to the IEC standard.

ML motors have good performance, safety and reliable operation, nice appearance and, can be maintained very conveniently, while with low noises, little vibration and at the same time of lightweight and simple construction. The composite performance is good, the multiple of starting torque is 1.8~2.5.

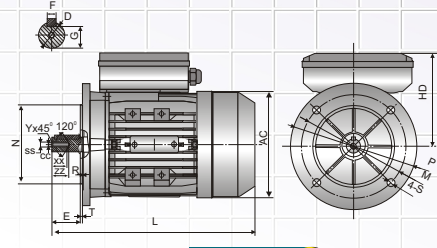
These series motors are suitable for the occasion where the requirements of big starting torque and high over load, such as air-compressors, pumps, fans, medical apparatus and instruments, and many other small machines.



IMB3



IMB14



IMB5

### Overall & Installation Dimensions

Frame Size	MOUNTING DIMENSIONS																OVERALL DIMENSIONS						SHAFT END SCREW DIMENSIONS								
	IMB14																IMB5														
	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	CC	Y
63	100	80	40	11	23	4	8.5	63	7X10	75	60	90	0	M5	2.5	115	95	140	0	φ10	3.0	120	130	179	116	212	M4	10	15	3.3	0.8
71	112	90	45	14	30	5	11	71	7X10	85	70	105	0	M6	2.5	130	110	160	0	φ10	3.5	132	145	194	123	255	M5	12	18	4.2	0.8
80	125	100	50	19	40	6	15.5	80	10X13	100	80	120	0	M6	3.0	165	130	200	0	φ12	3.5	157	165	223	143	290	M6	16	22	5	1
90S	140	100	56	24	50	8	20	90	10X13	115	95	140	0	M8	3.0	165	130	200	0	φ12	3.5	172	185	240	150	335	M8	20	25	6.8	1
90L	140	125	56	24	50	8	20	90	10X13	115	95	140	0	M8	3.0	165	130	200	0	φ12	3.5	172	185	240	150	365	M8	20	25	6.8	1
100L	160	140	63	28	60	8	24	100	12X15	130	110	160	0	M8	3.5	215	180	250	0	φ15	4.0	196	205	260	160	445	M10	22	28	8.5	1.5
112M	190	140	70	28	60	8	24	112	12X15	130	110	160	0	M8	3.5	215	180	250	0	φ15	4.0	222	230	295	183	453	M10	22	28	8.5	1.5

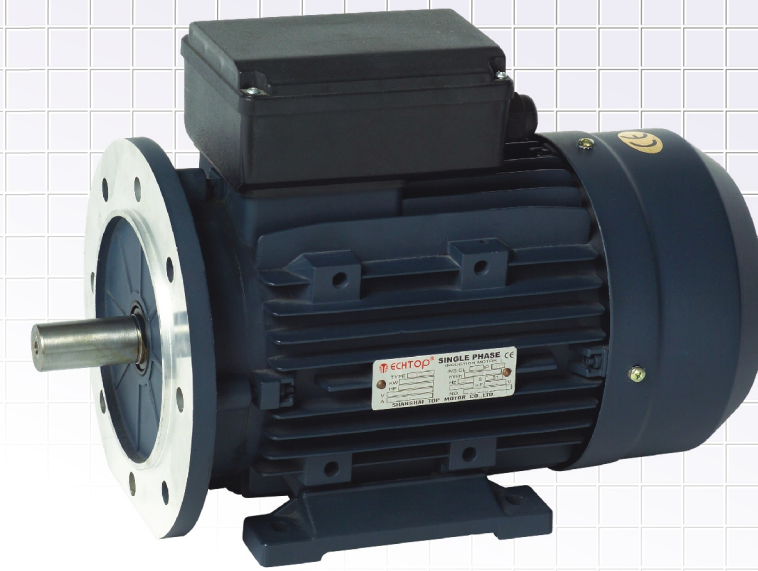
### TECHNICAL DATA @230V

Model	Power (kW)	Current (A)	Speed (r/min)	Eff. (%)	Power Factor	Rated Torque (N.M)	Tstart/Tn (Times)	Tmax/Tn (Times)	Starting Current (A)	Run Capacitor (μf/V)	Start Capacitor (μf/V)	Noise dB(A)	W.t. (Kg)
ML631-2	0.18	1.31	2750	65	0.92	0.63	2.5	1.7	8	8 μ F/450V	40 μ F/250V	70	4.2
ML632-2	0.25	1.76	2760	67	0.92	0.87	2.5	1.7	10	10 μ F/450V	50 μ F/250V	73	4.7
ML711-2	0.37	2.42	2780	70	0.95	1.27	2.5	1.7	15	12 μ F/450V	75 μ F/250V	75	5.3
ML712-2	0.55	3.45	2790	73	0.95	1.88	2.5	1.7	20	16 μ F/450V	100 μ F/250V	76	7.4
ML801-2	0.75	4.54	2800	74	0.97	2.59	2.5	1.7	30	20 μ F/450V	100 μ F/250V	76	9.5
ML802-2	1.1	6.45	2810	76	0.97	3.74	2.5	1.7	40	25 μ F/450V	150 μ F/250V	79	11.2
ML90S-2	1.5	8.62	2810	78	0.97	5.10	2.5	1.8	55	40 μ F/450V	150 μ F/250V	84	14
ML90S-2	2.2	12.5	2810	79	0.97	7.48	2.2	1.8	75	50 μ F/450V	250 μ F/250V	84	17
ML100L-2	3.0	16.6	2830	80	0.98	10.12	2.2	2.0	95	60 μ F/450V	400 μ F/300V	88	25
ML112M-2	3.7	20.5	2850	80	0.98	12.40	2.0	2.0	120	60 μ F/450V	500 μ F/300V	90	30.5
ML631-4	0.12	1.04	1350	55	0.91	0.85	2.5	1.6	6	10 μ F/450V	40 μ F/250V	64	4
ML632-4	0.18	1.54	1360	56	0.91	1.26	2.5	1.6	8.5	12 μ F/450V	40 μ F/250V	64	4.8
ML711-4	0.25	1.94	1380	61	0.92	1.73	2.5	1.6	10	14 μ F/450V	50 μ F/250V	66	5.9
ML712-4	0.37	2.80	1380	62.5	0.92	2.56	2.5	1.5	15	16 μ F/450V	75 μ F/250V	68	6.9
ML801-4	0.55	3.80	1400	67	0.94	3.75	2.5	1.7	20	20 μ F/450V	100 μ F/250V	71	9.6
ML802-4	0.75	4.75	1410	73	0.94	5.08	2.5	1.7	30	25 μ F/450V	150 μ F/250V	71	10.8
ML90S-4	1.1	6.76	1410	74.5	0.95	7.45	2.2	1.8	40	30 μ F/450V	150 μ F/250V	74	13.5
ML90L-4	1.5	9.03	1420	76	0.95	10.09	2.2	1.8	55	40 μ F/450V	200 μ F/250V	79	16.5
ML100L1-4	2.2	12.6	1430	78	0.97	14.69	2.2	1.8	75	50 μ F/450V	300 μ F/250V	79	24
ML100L2-4	3	17.0	1440	79	0.97	19.90	2.2	1.8	95	60 μ F/450V	400 μ F/250V	83	30
ML112M-4	3.7	20.7	1440	80	0.97	24.54	2.0	2.0	120	60 μ F/450V	500 μ F/250V	86	36

# MY

## SERIES SINGLE-PHASE ASYNCHRONOUS MOTORS

### ALUMINUM HOUSING

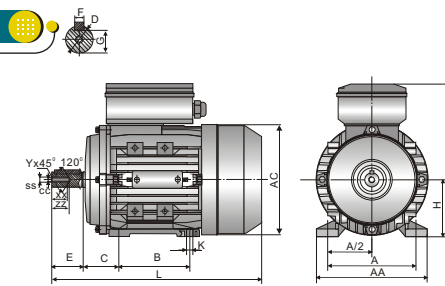


MY Series aluminum housing single-phase capacitor-run asynchronous motors, with latest design in entirety, are made of selected quality materials and conform to the IEC standard.

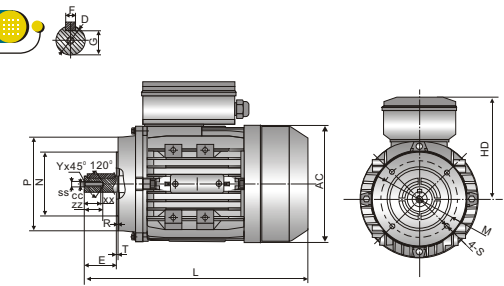
MY motors have good performance, safety and reliable operation, nice appearance, and can be maintained very conveniently, while with low noises, little vibration and at the same time of light weight and simple construction. The multiple of starting torque is 0.3-0.7.

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

IMB3



IMB14



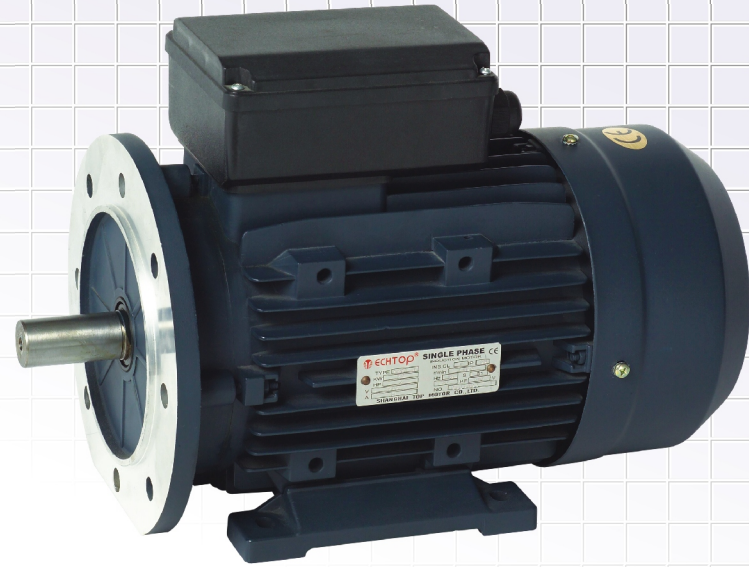
### Overall & Installation Dimensions

Frame Size	MOUNTING DIMENSIONS																OVERALL DIMENSIONS						SHAFT END SCREW DIMENSIONS								
	IMB14																IMB5														
	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	CC	Y
56	90	71	36	9	20	3	7.2	56	5.8X8.8	65	50	80	0	M5	2.5	98	80	120	0	φ7	3.0	108	115	256	100	192	M3	8	12	2.5	0.5
63	100	80	40	11	23	4	8.5	63	7X10	75	60	90	0	M5	2.5	115	95	140	0	φ10	3.0	120	130	179	116	212	M4	10	15	3.3	0.8
71★	112	90	45	14	30	5	11	71	7X10	85	70	105	0	M6	2.5	130	110	160	0	φ10	3.5	132	145	194	123	240(254)	M5	12	18	4.2	0.8
80	125	100	50	19	40	6	15.5	80	10X13	100	80	120	0	M6	3.0	165	130	200	0	φ12	3.5	157	165	223	143	290	M6	16	22	5	1
90S	140	100	56	24	50	8	20	90	10X13	115	95	140	0	M8	3.0	165	130	200	0	φ12	3.5	172	185	240	150	310	M8	20	25	6.8	1
90L	140	125	56	24	50	8	20	90	10X13	115	95	140	0	M8	3.0	165	130	200	0	φ12	3.5	172	185	240	150	335	M8	20	25	6.8	1
100L★	160	140	63	28	60	8	24	100	12X15	130	110	160	0	M8	3.5	215	180	250	0	φ15	4.0	196	205	260	160	357(375)	M10	22	28	8.5	1.5

★ ★: This frame size has two housing sizes, the rated output is for normal "L" size, and increased output is for the bigger "L" size (refer to the figures in the bracket "( )")

# MY

## SERIES SINGLE-PHASE ASYNCHRONOUS MOTORS ALUMINUM HOUSING

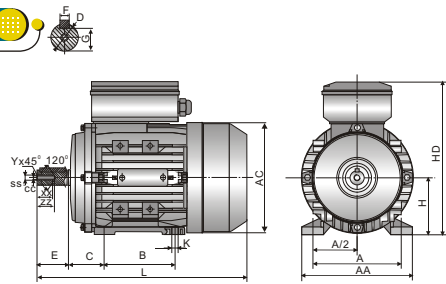


MY Series aluminum housing single-phase capacitor-run asynchronous motors, with latest design in entirety, are made of selected quality materials and conform to the IEC standard.

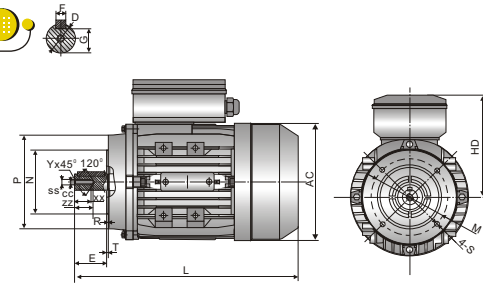
MY motors have good performance, safety and reliable operation, nice appearance, and can be maintained very conveniently, while with low noises, little vibration and at the same time of light weight and simple construction. The multiple of starting torque is 0.3-0.7.

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

IMB3



IMB14



### Overall & Installation Dimensions

Frame Size	MOUNTING DIMENSIONS																OVERALL DIMENSIONS					SHAFT END SCREW DIMENSIONS									
	IMB14																IMB5					AA	AC	AD	HD	L	SS	XX	ZZ	CC	Y
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T										
56	90	71	36	9	20	3	7.2	56	5.8X8.8	65	50	80	0	M5	2.5	98	80	120	0	φ 7	3.0	108	115	256	100	192	M3	8	12	2.5	0.5
63	100	80	40	11	23	4	8.5	63	7X10	75	60	90	0	M5	2.5	115	95	140	0	φ 10	3.0	120	130	179	116	212	M4	10	15	3.3	0.8
71★	112	90	45	14	30	5	11	71	7X10	85	70	105	0	M6	2.5	130	110	160	0	φ 10	3.5	132	145	194	123	240(254)	M5	12	18	4.2	0.8
80	125	100	50	19	40	6	15.5	80	10X13	100	80	120	0	M6	3.0	165	130	200	0	φ 12	3.5	157	165	223	143	290	M6	16	22	5	1
90S	140	100	56	24	50	8	20	90	10X13	115	95	140	0	M8	3.0	165	130	200	0	φ 12	3.5	172	185	240	150	310	M8	20	25	6.8	1
90L	140	125	56	24	50	8	20	90	10X13	115	95	140	0	M8	3.0	165	130	200	0	φ 12	3.5	172	185	240	150	335	M8	20	25	6.8	1
100L★★	160	140	63	28	60	8	24	100	12X15	130	110	160	0	M8	3.5	215	180	250	0	φ 15	4.0	196	205	260	160	357(375)	M10	22	28	8.5	1.5

★★: This frame size has two housing sizes, the rated output is for normal "L" size, and increased output is for the bigger "L" size (refer to the figures in the bracket "( )")

### TECHNICAL DATA @230V

MODEL	Power (KW)	Current (A)	Speed (r/min)	Eff. (%)	Power factor	Tstart/Tn (Times)	Tmax/Tn (Times)	Starting Current (A)	Run Capacitor (μ f/V)	Noise dB(A)	W.t. (Kg)
MY561-2	0.09	0.79	2760	54	0.92	0.65	1.6	3	4 μ f/450V	67	2.9
MY562-2	0.12	0.98	2770	58	0.92	0.65	1.6	4	6 μ f/450V	67	3.2
MY563-2	0.18	1.42	2780	60	0.92	0.65	1.6	5	10 μ f/450V	69	3.5
MY631-2	0.18	1.33	2780	62	0.95	0.60	1.7	5	10 μ f/450V	70	4
MY632-2	0.25	1.76	2780	65	0.95	0.60	1.7	7	12 μ f/450V	70	4.5
MY711-2	0.37	2.53	2800	67	0.95	0.60	1.7	10	16 μ f/450V	75	5.1
MY712-2	0.55	3.49	2810	70	0.98	0.55	1.7	15	20 μ f/450V	75	7.2
MY801-2	0.75	4.62	2810	72	0.98	0.35	1.7	20	25 μ f/450V	75	9.6
MY802-2	1.1	6.51	2820	75	0.98	0.33	1.7	28	35 μ f/450V	78	11
MY90S-2	1.5	8.76	2820	76	0.98	0.30	1.8	40	45 μ f/450V	80	14
MY90L-2	2.2	12.7	2820	77	0.98	0.30	1.8	60	60 μ f/450V	80	16.5
MY100L-2	3.0	17.1	2840	78	0.98	0.28	1.8	75	80 μ f/450V	83	25
MY561-4	0.06	0.59	1360	48	0.92	0.75	1.6	2.5	4 μ f/450V	63	3.5
MY562-4	0.09	0.83	1370	51	0.92	0.75	1.6	3	6 μ f/450V	63	3.8
MY631-4	0.12	1.03	1380	55	0.92	0.65	1.6	3.5	10 μ f/450V	65	4
MY632-4	0.18	1.49	1390	57	0.92	0.65	1.5	5.5	12 μ f/450V	65	4.6
MY711-4	0.25	1.90	1400	61	0.94	0.50	1.5	8	14 μ f/450V	65	5.7
MY712-4	0.37	2.76	1400	62	0.94	0.50	1.5	10	16 μ f/450V	68	6.7
MY801-4	0.55	3.93	1400	64	0.95	0.35	1.7	15	20 μ f/450V	70	9.2
MY802-4	0.75	5.05	1410	68	0.95	0.33	1.7	20	25 μ f/450V	70	9
MY90S-4	1.1	6.87	1410	71	0.98	0.33	1.8	30	40 μ f/450V	73	14.5
MY90L-4	1.5	9.12	1420	73	0.98	0.30	1.8	40	45 μ f/450V	75	16.2
MY100L1-4	2.2	12.8	1440	76	0.98	0.28	1.8	60	70 μ f/450V	78	24
MY100L2-4	3	17.1	1440	78	0.98	0.28	1.8	75	90 μ f/450V	78	30
MYT711-2	0.37	2.61	2700	65	0.95	0.6	1.7	10.44	16 μ f/450V	75	5.1
MYT712-2	0.55	3.66	2700	68	0.96	0.70	1.7	15.6	20 μ f/450V	75	7.2
MYT801-2	0.75	4.73	2760	71	0.95	0.70	1.8	20	25 μ f/450V	75	9.8
MYT802-2	1.1	6.73	2720	72.5	0.98	0.65	1.7	26	35 μ f/450V	78	11.3
MYT90S-2	1.5	8.87	2800	75	0.98	0.6	1.8	38	45 μ f/450V	80	15
MYT90L-2	2.2	12.8	2800	76	0.98	0.6	1.7	58	60 μ f/450V	80	17.6
MYT100L-2	3	17.4	2800	76.5	0.98	0.5	1.8	81.5	80 μ f/450V	83	25.5
MYT711-4	0.25	1.97	1320	60	0.92	0.70	1.5	7.88	16 μ f/450V	65	5.7
MYT712-4	0.37	2.91	1320	60	0.92	0.70	1.5	11.66	20 μ f/450V	68	6.7
MYT801-4	0.55	4.17	1370	63	0.91	0.65	1.7	14	20 μ f/450V	73	9.7
MYT802-4	0.75	5.1	1370	67.3	0.95	0.63	1.65	18	30 μ f/450V	73	11.5
MYT90S-4	1.1	7.59	1350	68.5	0.92	0.55	1.7	27	40 μ f/450V	75	15.5
MYT90L-4	1.5	9.64	1370	72	0.94	0.55	1.7	35	45 μ f/450V	78	17.5
MYT100L1-4	2.2	14.05	1400	74	0.92	0.45	1.8	60	70 μ f/450V	80	26
MYT100L2-4	3	17.83	1400	77	0.95	0.45	1.7	76	90 μ f/450V	80	32

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