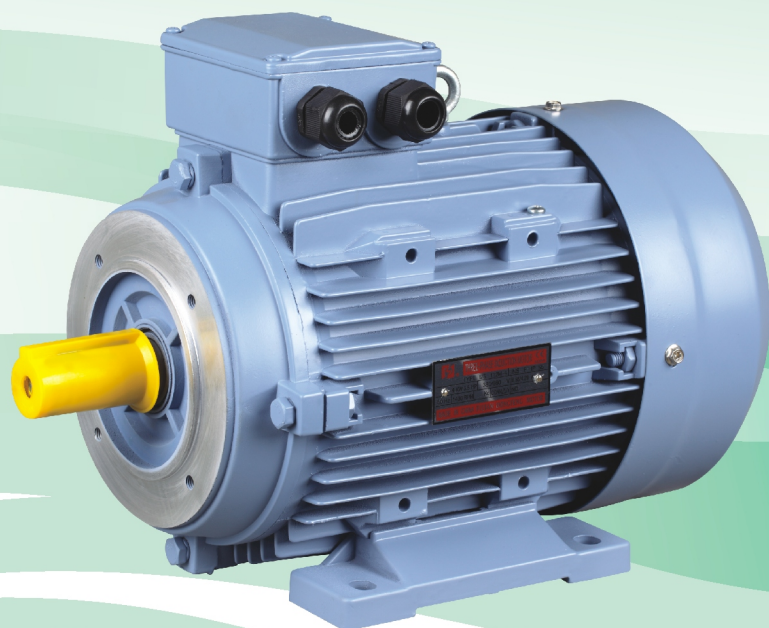


MS SERIES

THREE PHASE
ALUMINUM HOUSING MOTORS



MS series aluminum housing three phase asynchronous motor, with the latest design in entirety, is made of quality materials and conformed to IEC standard. It can be used for general drive.

Features: low noise, slight vibration, light weight, simple construction, good appearance and etc.

Applications: air-compressor, pump, blower, medical apparatus and instruments, small machines, etc.

RANGE OF PERFORMANCE

Frame Size: H80-H160

Rated Power Range: 0.75 KW ~ 18.5 KW

OPERATING CONDITIONS

Ambient Temperature: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$

Above Sea Level: not exceed 1000m

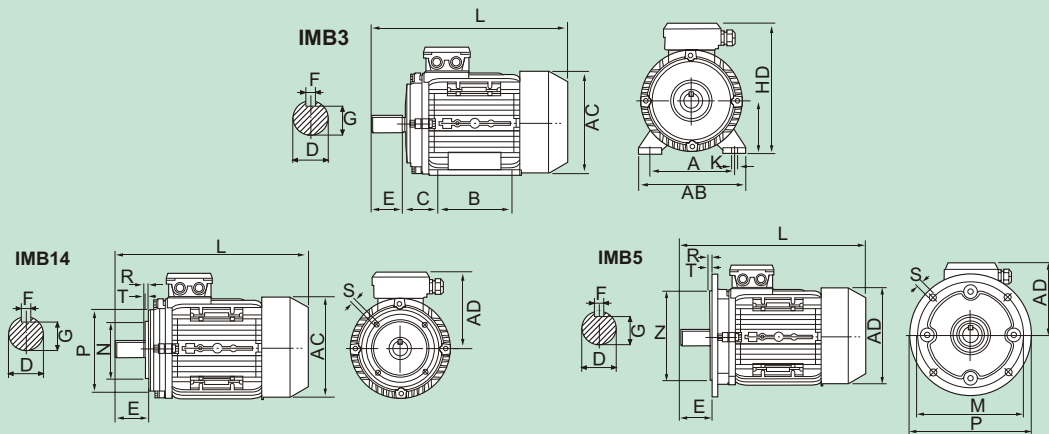
Rated Voltage: 380V, 220V~760V is available

Rated Frequency: 50Hz or 60Hz

Insulation Class: Class B/F/H

Protection Class: IP54/55/56

Duty: S1



INSTALLATION SIZE & OVERALL DIMENSION

Frame No	Installation Size									Installation Size For B14					Installation Size For B5					Overall Dimension				
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	M	N	P	S	T	AB	AC	AD	HD	L
56	90	71	36	9	20	3	7.2	56	5.8	65	50	80	M5	2.5	98	80	120	7	3.0	110	120	110	155	195
63	100	80	40	11	23	4	8.5	63	7	75	60	90	M5	2.5	115	95	140	10	3.0	130	130	115	165	230
71	112	90	45	14	30	5	11	71	7	85	70	105	M6	2.5	130	110	160	10	3.5	145	145	125	185	255
80	125	100	50	19	40	6	15.5	80	10	100	80	120	M6	3.0	165	130	200	12	3.5	160	165	135	215	295
90S	140	100	56	24	50	8	20	90	10	115	95	140	M8	3.0	165	130	200	12	3.5	180	185	145	235	335
90L	140	125	56	24	50	8	20	90	10	115	95	140	M8	3.0	165	130	200	12	3.5	180	185	145	235	360
100L	160	140	63	28	60	8	24	100	12	130	110	160	M8	3.5	215	180	250	15	4.0	205	215	170	255	380
112M	190	140	70	28	60	8	24	112	12	130	110	160	M8	3.5	215	180	250	15	4.0	145	240	180	285	400
132S	216	140	89	38	80	10	33	132	12	165	130	200	M10	4.0	265	230	300	15	4.0	280	275	195	325	475
132M	216	178	89	38	80	10	33	132	12	165	130	200	M10	4.0	265	230	300	15	4.0	280	275	195	325	515
160M	254	210	108	43	110	12	37	160	15	215	180	250	M12	4.0	300	250	350	19	5.0	320	330	255	420	615
160L	254	254	108	42	110	12	37	160	15	215	180	250	M12	4.0	300	250	350	19	5.0	320	330	255	420	670



TECHNICAL DATA

TYPE	Output		Current(A)		Speed (r/min)	Eff (%)	Power Factor	Ist/in	Tstart/Tn	Tmax/Tn
	KW	HP	380V	400V						
MSE1-561-2	0.09	0.12	0.29	0.28	2700	61	0.77	6	2.2	2.2
MSE1-562-2	0.12	0.16	0.37	0.35	2700	63	0.78	6	2.2	2.2
MSE1-631-2	0.18	0.25	0.53	0.50	2720	65	0.8	6.5	2.2	2.2
MSE1-632-2	0.25	0.34	0.69	0.66	2720	68	0.81	6.5	2.2	2.2
MSE1-711-2	0.37	0.5	0.99	0.94	2740	70	0.81	7	2.2	2.2
MSE1-712-2	0.55	0.75	1.40	1.33	2740	73	0.82	7	2.2	2.3
MSE1-801-2	0.75	1	1.81	1.72	2900	76	0.83	7.5	2.2	2.3
MSE1-802-2	1.1	1.5	2.55	2.42	2900	78	0.84	7.9	2.2	2.3
MSE1-90S-2	1.5	2	3.43	3.26	2840	79	0.84	7.9	2.2	2.3
MSE1-90L-2	2.2	3	4.30	4.09	2840	91.4	0.85	7.9	2.2	2.3
MSE1-100L-2	3	4	5.63	5.35	2870	93.1	0.87	8.1	2.2	2.3
MSE1-112M-2	4	5.5	7.32	6.96	2880	94.3	0.88	8.1	2.2	2.3
MSE1-132S1-2	5.5	7.5	9.91	9.42	2900	95.8	0.88	8.1	2.2	2.3
MSE1-132S2-2	7.5	10	14.83	14.09	2900	87.3	0.88	8.1	2.2	2.3
MSE1-160M1-2	11	15	21.19	20.13	2940	88.6	0.89	8.1	2.2	2.3
MSE1-160M2-2	15	20	28.45	27.03	2940	90	0.89	8.1	2.2	2.3
MSE1-160L-2	18.5	25	34.51	32.78	2940	90.5	0.9	8.1	2.2	2.3
MSE1-561-4	0.06	0.08	0.25	0.23	1300	53	0.7	5.2	2.1	2.2
MSE1-562-4	0.09	0.12	0.34	0.32	1300	57	0.71	5.2	2.1	2.2
MSE1-631-4	0.12	0.16	0.42	0.40	1310	60	0.72	5.2	2.4	2.2
MSE1-632-4	0.18	0.25	0.58	0.55	1310	65	0.73	5.2	2.4	2.2
MSE1-711-4	0.25	0.34	0.73	0.70	1330	70	0.74	5.2	2.4	2.2
MSE1-712-4	0.37	0.5	1.07	1.02	1330	71	0.74	5.2	2.4	2.2
MSE1-801-4	0.55	0.75	1.49	1.41	1440	75	0.75	5.7	2.4	2.3
MSE1-802-4	0.75	1	1.98	1.88	1440	74.6	0.77	6.5	2.3	2.3
MSE1-90S-4	1.1	1.5	2.85	2.71	1400	76.2	0.77	6.5	2.3	2.3
MSE1-90L-4	1.5	2	3.67	3.49	1400	78.5	0.79	6.5	2.3	2.3
MSE1-100L1-4	2.2	3	5.06	4.81	1430	81.5	0.81	7.5	2.3	2.3
MSE1-100L2-4	3	4	6.73	6.39	1430	82.6	0.82	7.5	2.3	2.3
MSE1-112M-4	4	5.5	8.78	8.34	1435	84.4	0.82	7.5	2.3	2.3
MSE1-132S-4	5.5	7.5	11.61	11.03	1440	86.7	0.83	7.5	2.3	2.3
MSE1-132M-4	7.5	10	15.42	14.64	1440	88	0.84	7.5	2.3	2.3
MSE1-160M-4	11	15	22.46	21.33	1470	88.6	0.84	8.9	2.2	2.3
MSE1-160L-4	15	20	29.76	28.27	1470	90.1	0.85	8.9	2.2	2.3
MSE1-711-6	0.18	0.25	0.74	0.70	850	56	0.66	4	1.9	2
MSE1-712-6	0.25	0.34	0.95	0.90	850	59	0.68	4	1.9	2
MSE1-801-6	0.37	0.5	1.30	1.23	890	62	0.7	4.7	1.9	2
MSE1-802-6	0.55	0.75	1.79	1.70	890	65	0.72	4.7	1.9	2
MSE1-90S-6	0.75	1	2.18	2.07	910	72.7	0.72	5.9	2	2.1
MSE1-90L-6	1.1	1.5	3.04	2.88	910	75.4	0.73	5.9	2	2.1
MSE1-100L-6	1.5	2	3.92	3.72	940	77.5	0.75	5.9	2	2.1
MSE1-112M-6	2.2	3	5.50	5.23	940	79.9	0.76	6.9	2	2.1
MSE1-132S-6	3	4	7.35	6.98	960	81.6	0.76	6.9	2.1	2.1
MSE1-132M1-6	4	5.5	9.60	9.12	960	83.3	0.76	6.9	2.1	2.1
MSE1-132M2-6	5.5	7.5	12.77	12.13	960	85	0.77	6.9	2.1	2.1
MSE1-160M-6	7.5	10	17.11	16.25	970	86.5	0.77	6.9	2	2.1
MSE1-160L-6	11	15	24.38	23.16	970	87.9	0.78	6.9	2	2.1
MSE1-801-8	0.18	0.25	0.82	0.77	640	55	0.61	4.2	1.8	1.9
MSE1-802-8	0.25	0.34	1.07	1.02	640	58	0.61	4.2	1.8	1.9
MSE1-90S-8	0.37	0.5	1.44	1.37	660	64	0.61	4.5	1.8	1.9
MSE1-90L-8	0.55	0.75	2.04	1.94	660	67	0.61	4.5	1.8	2
MSE1-100L1-8	0.75	1	2.40	2.28	690	71	0.67	5.5	1.8	2
MSE1-100L2-8	1.1	1.5	3.42	3.25	690	73	0.67	5.5	1.8	2
MSE1-112M-8	1.5	2	4.40	4.18	690	75	0.69	5.5	1.8	2
MSE1-132S-8	2.2	3	6.04	5.73	710	78	0.71	6.9	1.8	2
MSE1-132M-8	3	4	7.82	7.43	710	79.8	0.73	6.9	1.8	2
MSE1-160M1-8	4	5.5	10.19	9.68	720	81.7	0.73	6.9	1.9	2
MSE1-160M2-8	5.5	7.5	13.54	12.86	720	83.4	0.74	6.9	2	2
MSE1-160L-8	7.5	10	17.77	16.88	720	85.5	0.75	6.9	2	2