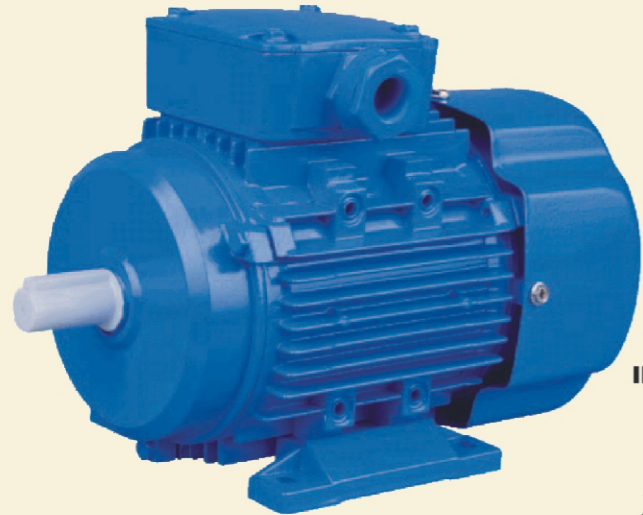


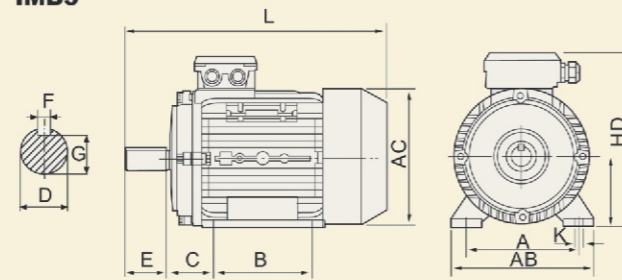


# MS SERIES THREE-PHASE INDUCTION MOTOR WITH ALUMINIUM HOUSING

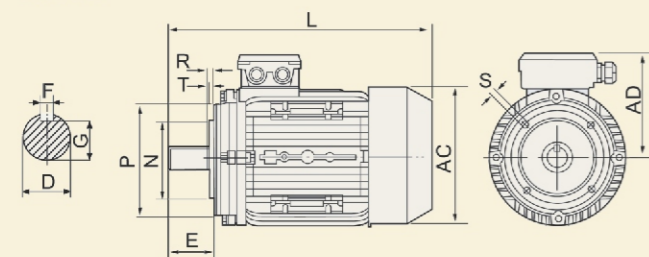
# MS SERIES THREE-PHASE INDUCTION MOTOR WITH ALUMINIUM HOUSING



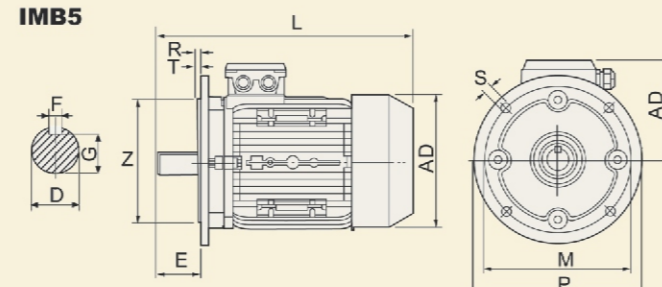
IMB3



IMB14



IMB5



Frame Size	Mounting Dimensions (mm)															Frame Dimensions (mm)									
											IMB14					IMB5									
	A	B	C	D	E	F	G	H	K	M	B	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD
56	90	71	36	9	20	3	7.2	56	5.8	65	50	80	M5	2.5	100	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	153	155	130	210	285	
90S	140	100	56	24	50	8	20	90	10	115	95	140	M8	3.0	165	130	200	12	3.5	173	175	136	226	330	
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	245	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	15	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	15	5.0	320	330	255	420	670	
180M	279	241	121	48	110	14	42.5	180	15	265	230	300	M15	4.0	300	250	350	19	5.0	355	380	280	455	700	
180L	279	279	121	48	110	14	42.5	180	15	265	230	300	M15	4.0	300	250	350	19	5.0	355	380	280	455	740	

## CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Electricity saving
- Easy installation(bolt on feet) or brackets as required
- Corrosion required
- Corrosion resistant
- Dependable
- Superior life
- Reliable in country,city or factory environments

## MOTOR FESTURES

- Utilise IP55 enclosures, others request
- Multiple feet locations
- Aluminum frame, end shields and base
- High strength cable gland
- Shaft key and protector supplied
- Superior paint finish
- Motors made to heavy duty service factors
- Can be made with stainless steel shaft
- Motors made with stainless S1 duty
- Utilise Vacuum impregnated Class B or class F insulation
- High performance and efficiency

## Technical Data

Model	Power (kw)	Voltage (V)	Current (A)	Speed (r. p. m)	Eff (%)	Power factor	Tstart /Tn	Tmax/Tn	Ist/In	Net Weight (kg)
MSS61-2	0.09	220/380	0.57/0.33	2800	62	0.68	2.3	2.4	6	4.6
MSS62-2	0.12	220/380	0.67/0.38	2800	67	0.71	2.3	2.4	6	4.8
MS631-2	0.18	220/380	0.91/0.53	2800	69	0.75	2.2	2.4	6	5
MS632-2	0.25	220/380	1.17/0.68	2800	72	0.78	2.2	2.4	6	5.3
MS711-2	0.37	220/380	1.65/0.95	2800	73.5	0.80	2.2	2.4	6	6.5
MS712-2	0.55	220/380	2.33/1.35	2800	75.5	0.82	2.2	2.4	6	7
MS801-2	0.75	220/380	3.03/1.75	2800	76.5	0.85	2.2	2.4	6	9
MS802-2	1.1	220/380	4.42/2.55	2800	77	0.85	2.2	2.4	6	10.5
MS90S-2	1.5	220/380	6.01/3.84	2800	77	0.85	2.2	2.4	6	14
MS90L-2	2.2	220/380	8.61/4.98	2800	78	0.86	2.2	2.4	6	16.5
MS100L-2	3.0	220/380	11.1/6.4	2870	82	0.87	2.2	2.3	7	24.5
MS112M-2	4.0	380/660	8.2/4.7	2890	85.5	0.87	2.2	2.3	7	30
MS132S1-2	5.5	380/660	11/6.3	2900	85.5	0.88	2.0	2.2	7	42
MS132S2-2	7.5	380/660	15/8.6	2900	86.2	0.88	2.0	2.2	7	50
MS160M1-2	11.0	380/660	21.3/12.2	2930	88	0.88	2.0	2.2	7	-
MS160M2-2	15.0	380/660	28.7/16.4	2930	89	0.89	2.0	2.2	7	-
MS160L-2	18.5	380/660	34.6/19.8	2930	90	0.90	2.0	2.2	7	-
MS180M-2	22.0	380/660	40.9/23.4	2930	90.5	0.90	2.0	2.2	7	-
MS561-4	0.06	220/380	0.49/0.28	1400	56	0.58	2.3	2.4	6	4.6
MS562-4	0.09	220/380	0.67/0.39	1400	58	0.61	2.3	2.4	6	4.8
MS631-4	0.12	220/380	0.84/0.48	1400	60	0.63	2.2	2.4	6	4.8
MS632-4	0.18	220/380	1.12/0.65	1400	64	0.66	2.2	2.4	6	5
MS711-4	0.25	220/380	1.44/0.83	1400	67	0.68	2.2	2.4	6	6.3
MS712-4	0.37	220/380	1.94/1.12	1400	69.5	0.72	2.2	2.4	6	7
MS801-4	0.55	220/380	2.69/1.56	1400	73.5	0.73	2.2	2.4	6	9
MS802-4	0.75	220/380	3.48/2.01	1400	75.5	0.75	2.2	2.4	6	10.5
MS90S-4	1.1	220/380	4.74/2.75	1400	78	0.78	2.2	2.4	6	14
MS90L-4	1.5	220/380	6.31/3.65	1400	79	0.79	2.2	2.4	6	15.5
MS100L1-4	2.2	220/380	8.6/5.0	1430	81	0.82	2.2	2.3	7	23
MS100L2-4	3.0	220/380	11.7/6.8	1430	82.5	0.81	2.2	2.3	7	27
MS112M-4	4.0	380/660	8.8/5.1	1440	84.5	0.82	2.2	2.3	7	33.5
MS132S-4	5.5	380/660	12/6.9	1440	85.5	0.84	2.2	2.2	7	49.5
MS132M-4	7.5	380/660	15/8.6	1440	87	0.85	2.2	2.2	7	57.5
MS160M-4	11	380/660	22.3/12.7	1460	88	0.85	2.0	2.2	7	-
MS160L-4	15	380/660	30/17.1	1460	89	0.85	2.0	2.2	7	-
MS180M-4	18.5	380/660	36.4/20.8	1470	90.5	0.85	2.2	2.2	7.5	-
MS180L-4	22	380/660	43.1/24.6	1470	91	0.85	2.2	2.2	7.5	-
MS90S-6	0.75	220/380	4.0/2.3	910	72.5	0.70	2.2	2.2	5.5	14.5
MS90L-6	1.1	220/380	5.5/3.2	910	73.5	0.72	2.2	2.2	5.5	17
MS100L-6	1.5	220/380	6.9/4.0	940	77.5	0.74	2.2	2.2	6	22.5
MS112M-6	2.2	220/380	9.7/5.6	940	80.5	0.74	2.2	2.2	6	29
MS132S-6	3.0	220/380	12.4/7.2	960	83	0.76	2.0	2.0	6.5	48
MS132M1-6	4.0	380/660	9.4/5.4	960	84	0.77	2.0	2.0	6.5	49
MS132M2-6	5.5	380/660	13/7.5	960	85.3	0.78	2.0	2.0	6.5	57.5
MS160M-6	7.5	380/660	16.5/9.43	970	86	0.80	2.0	2.0	6.5	-
MS160L-6	11.0	380/660	24.1/13.8	970	87.5	0.79	2.0	2.0	6.5	-
MS180L-6	15.0	380/660	31.5/18	970	89	0.81	2.0	2.0	7.0	-