

MS 系列 (铝壳) 三相异步电动机

MS SERIES (ALUMINUM HOUSING) THREE PHASE ASYNCHRONOUS MOTOR



产品介绍 PRODUCT INTRODUCTION

MS系列三相铝壳异步电动机是选用优质材料，根据IEC标准进行最新式整体设计而成。

MS电机拥有高性能、操作安全可靠、外观优美、便于保养、低噪音、振动小并且有重量轻、结构简单等优点。本系列电动机适用于减速机、风机、水泵、切割机、高压清洗机等。

MS series three-phase aluminum house asynchronous motors are made of high-quality materials and are designed according to IEC standards. MS motor has the advantages of high performance, safe and reliable operation, beautiful appearance, easy maintenance, low noise, low vibration, light weight and simple structure. This series of motor is suitable for gearbox, fan, water pump, cutting machine, High pressure washer etc.

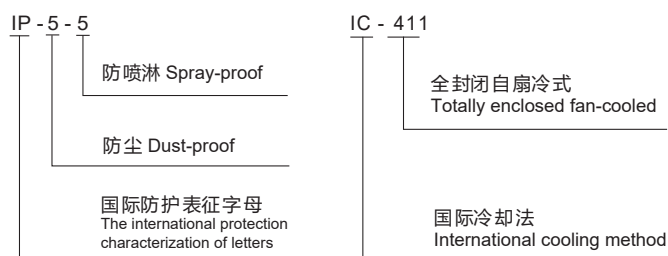
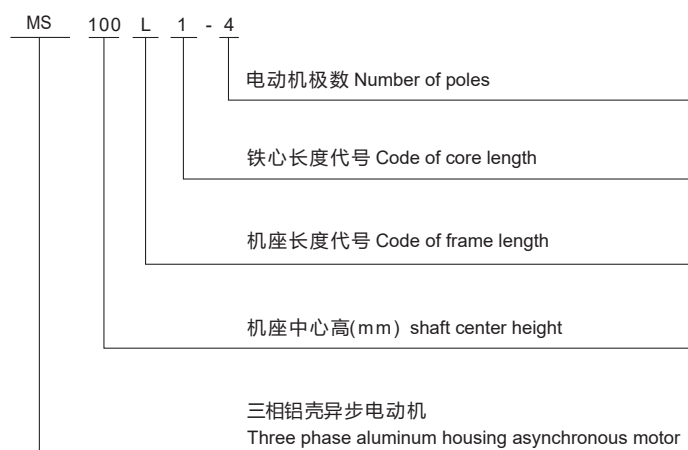
使用条件

- 环境空气温度: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- 海拔: 不超过1000米
- 电压: 220/380V 230/400V 380/660V 400/690V 415/720V
525/910V 220/380/440V 230/460V
- 频率: 50Hz, 60Hz
- 接法: 3KW及以下规格为Y接法,
4KW及以上规格为Δ接法
- 工作方法: 连续(S1)
- 绝缘等级: F级、H级、C级, 绕组定子温升考核80K
- 防护等级: 机壳IP55、IP56、IP66。
- 冷却方式: IC411

OPERATING CONDITIONS

- Ambient air temperature: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Altitude: No more than 1000 meters
- Voltage: 220/380V 230/400V 380/660V 400/690V 415/720V
525/910V 220/380/440V 230/460V
- Frequency: 50Hz, 60Hz
- Connection method: 3KW and below are Y connection method,
4KW and above are Δ connections
- Duty: Continuous (S1)
- Insulation Class: F, H, C, winding stator temperature rise
assessment 80K
- Protection grade: IP55, IP56, IP66.
Cooling method: IC411

代号说明 EXPLANATION OF TYPE DESIGNATION



MS 技术参数 TECHNICAL DATA

SPEED 3000RPM 2POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed rpm	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP		380V	400V	415V	525V								
MS-562-2	0.12	0.18	2720	0.47	0.45	0.43	0.34	53.6	53.6	52.5	0.72	0.42	2.1	2.2	5.2
MS-631-2	0.18	0.25	2725	0.57	0.54	0.52	0.41	60.4	60.4	59.2	0.80	0.63	2.2	2.2	5.5
MS-632-2	0.25	0.37	2725	0.72	0.69	0.66	0.52	64.8	64.8	63.5	0.81	0.88	2.2	2.2	5.5
MS-711-2	0.37	0.5	2745	1.00	0.95	0.91	0.72	69.5	69.5	68.1	0.81	1.29	2.2	2.2	6.1
MS-712-2	0.55	0.75	2745	1.38	1.31	1.26	0.99	74.1	74.1	72.6	0.82	1.91	2.3	2.3	6.1
MS-801-2	0.75	1	2875	1.77	1.69	1.62	1.28	77.4	77.4	75.9	0.83	2.49	2.3	2.3	6.8
MS-802-2	1.1	1.5	2875	2.50	2.37	2.29	1.82	79.6	79.6	78.0	0.84	3.65	2.3	2.3	7.1
MS-90S-2	1.5	2	2890	3.34	3.17	3.06	2.43	81.3	81.3	79.7	0.84	4.96	2.3	2.3	7.3
MS-90L-2	2.2	3	2890	4.73	4.49	4.33	3.42	83.2	83.2	81.5	0.85	7.27	2.3	2.3	7.6
MS-100L-2	3	4	2891	6.19	5.88	5.67	4.48	84.6	84.6	82.9	0.87	9.91	2.2	2.3	7.8
MS-112M-2	4	5	2914	8.05	7.65	7.37	5.82	85.8	85.8	84.1	0.88	13.1	2.2	2.3	8.1
MS-132S1-2	5.5	7.5	2937	11.2	10.6	10.2	8.32	87.0	87.0	85.3	0.86	17.9	2.2	2.3	8.2
MS-132S2-2	7.5	10	2940	14.7	14.0	13.5	15.2	88.1	88.1	86.3	0.88	24.4	2.2	2.3	7.8
MS-160M1-2	11	15	2930	21.0	20.0	19.2	21.0	89.4	89.4	87.6	0.89	35.9	2.2	2.3	7.9
MS-160M2-2	15	20	2930	28.4	26.9	26.0	20.5	90.3	90.3	88.5	0.89	48.9	2.2	2.3	7.9
MS-160L-2	18.5	25	2937	34.7	33.0	31.8	25.1	90.9	90.9	89.1	0.89	60.2	2.2	2.3	8.0

SPEED 1500RPM 4POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed rpm	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP		380V	400V	415V	525V								
MS-562-4	0.09	0.12	1300	0.36	0.34	0.33	0.26	54	54	53.5	0.70	0.66	2.1	2.2	4.4
MS-631-4	0.12	0.18	1315	0.43	0.41	0.39	0.31	59.1	59.1	57.9	0.72	0.87	2.1	2.2	4.4
MS-632-4	0.18	0.25	1315	0.58	0.55	0.53	0.42	64.7	64.7	63.4	0.73	1.31	2.1	2.2	4.4
MS-711-4	0.25	0.37	1335	0.75	0.71	0.69	0.54	68.5	68.5	67.1	0.74	1.79	2.1	2.2	5.2
MS-712-4	0.37	0.5	1335	1.03	0.98	0.94	0.75	72.7	72.7	71.2	0.75	2.65	2.3	2.2	5.2
MS-801-4	0.55	0.75	1400	1.51	1.43	1.38	1.09	74.0	74.0	75.6	0.75	3.75	2.3	2.3	5.2
MS-802-4	0.75	1	1400	1.99	1.89	1.82	1.44	75.4	75.4	78.0	0.76	5.12	2.3	2.3	6.4
MS-90S-4	1.1	1.5	1440	2.85	2.71	2.61	2.06	76.1	76.1	79.8	0.77	7.30	2.3	2.3	6.6
MS-90L-4	1.5	2	1445	3.75	3.56	3.44	2.72	78.9	78.9	81.1	0.77	9.91	2.3	2.3	6.7
MS-100L1-4	2.2	3	1440	5.09	4.83	4.66	3.68	81.1	81.1	82.6	0.81	14.6	2.3	2.3	7.3
MS-100L2-4	3	4	1440	6.74	6.40	6.17	4.88	82.5	82.5	83.8	0.82	19.9	2.3	2.3	7.5
MS-112M-4	4	5.5	1445	8.56	8.13	7.84	6.19	86.6	86.6	84.9	0.82	26.4	2.0	2.3	7.5
MS-132S-4	5.5	7.5	1455	11.5	10.9	10.5	8.31	87.7	87.7	85.9	0.83	36.1	2.0	2.3	7.5
MS-132M-4	7.5	10	1455	15.3	14.5	14.0	11.1	88.7	88.7	86.9	0.84	49.2	2.0	2.3	7.3
MS-160M-4	11	15	1460	22.2	21.1	20.3	16.0	89.8	89.8	88.0	0.84	72.0	2.0	2.3	7.4
MS-160L-4	15	20	1460	29.6	28.1	27.1	21.4	90.6	90.6	88.8	0.85	98.1	2.0	2.3	7.5

MS 技术参数 TECHNICAL DATA

SPEED 1000RPM 6POLE 50Hz

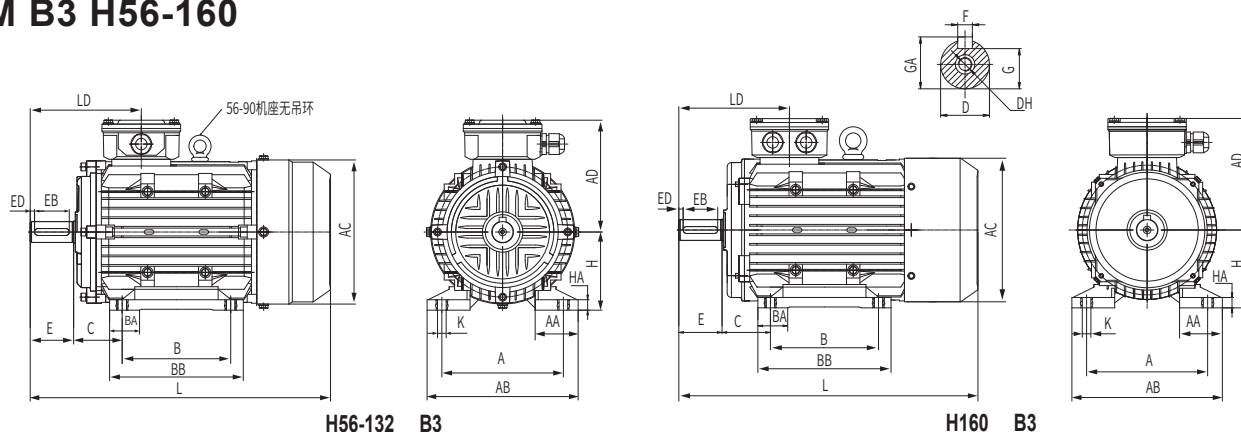
型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP	rpm	380V	400V	415V	525V								
MS-632-6	0.12	0.18	850	0.60	0.57	0.55	0.43	50.6	50.6	49.6	0.60	1.35	2.0	2.1	4.4
MS-711-6	0.18	0.25	850	0.73	0.70	0.67	0.53	56.6	56.6	55.5	0.66	2.02	2.0	2.1	4.0
MS-712-6	0.25	0.37	850	0.91	0.86	0.83	0.66	61.6	61.6	60.4	0.68	2.81	2.0	2.1	4.0
MS-801-6	0.37	0.5	885	1.19	1.13	1.09	0.86	67.6	67.6	66.2	0.70	3.99	2.0	2.1	4.7
MS-802-6	0.55	0.75	885	1.68	1.59	1.54	1.21	69.2	69.2	71.6	0.72	5.94	2.0	2.1	4.7
MS-90S-6	0.75	1	934	2.18	2.07	2.00	1.58	72.6	72.6	74.4	0.72	7.67	2.0	2.1	5.3
MS-90L-6	1.1	1.5	945	3.11	2.96	2.85	2.25	74.6	74.6	76.5	0.72	11.1	2.0	2.1	5.0
MS-100L-6	1.5	2	945	3.94	3.74	3.60	2.85	77.2	77.2	78.2	0.75	15.2	2.0	2.1	5.5
MS-112M-6	2.2	3	960	5.38	5.11	4.92	3.89	81.8	81.8	80.2	0.76	21.9	2.0	2.1	5.5
MS-132S-6	3	4	964	7.20	6.84	6.59	5.21	83.3	83.3	81.6	0.76	29.7	2.0	2.1	6.5
MS-132M1-6	4	5.5	965	9.45	8.98	8.66	6.84	84.6	84.6	82.9	0.76	39.6	2.0	2.1	6.5
MS-132M2-6	5.5	7.5	965	12.6	12.0	11.6	9.13	86.0	86.0	84.3	0.77	54.4	2.0	2.1	6.5
MS-160M-6	7.5	10	970	16.8	15.9	15.3	12.1	87.2	87.2	85.5	0.78	73.8	2.0	2.1	6.5
MS-160L-6	11	15	970	24.2	23.0	22.1	17.5	88.7	88.7	86.9	0.78	108.3	2.0	2.1	6.5

SPEED 750RPM 8POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP	rpm	380V	400V	415V	525V								
MS-712-8	0.12	0.18	605	0.80	0.76	0.73	0.58	39.8	39.8	39.0	0.57	1.89	1.8	1.9	2.8
MS-801-8	0.18	0.25	650	0.98	0.93	0.90	0.71	45.9	45.9	45.0	0.61	2.64	1.8	1.9	3.3
MS-802-8	0.25	0.37	650	1.23	1.17	1.13	0.89	50.6	50.6	49.6	0.61	3.67	1.8	1.9	3.3
MS-90S-8	0.37	0.5	675	1.64	1.56	1.50	1.19	56.1	56.1	55.0	0.61	5.23	1.8	1.9	4.0
MS-90L-8	0.55	0.75	675	2.22	2.11	2.03	1.61	61.7	61.7	60.5	0.61	7.78	1.8	2.0	4.0
MS-100L1-8	0.75	1	685	2.57	2.44	2.35	1.86	66.2	66.2	64.9	0.67	10.5	1.8	2.0	4.0
MS-100L2-8	1.1	1.5	685	3.42	3.25	3.13	2.48	70.8	70.8	69.4	0.69	15.3	1.8	2.0	5.0
MS-112M-8	1.5	2	695	4.39	4.17	4.02	3.18	74.1	74.1	72.6	0.70	20.6	1.8	2.0	5.0
MS-132S-8	2.2	3	710	6.07	5.76	5.56	4.39	77.6	77.6	76.0	0.71	29.6	1.8	2.0	6.0
MS-132M-8	3	4	710	7.80	7.41	7.14	5.65	80.0	80.0	78.4	0.73	40.4	1.8	2.0	6.0
MS-160M1-8	4	5.5	725	10.2	9.66	9.34	7.38	81.9	81.9	80.3	0.73	52.7	1.9	2.0	6.0
MS-160M2-8	5.5	7.5	725	13.5	12.8	12.4	9.77	83.8	83.8	82.1	0.74	72.4	2.0	2.0	6.0
MS-160L-8	7.5	10	725	17.8	16.9	16.3	12.9	85.3	85.3	83.6	0.75	98.8	2.0	2.0	6.0

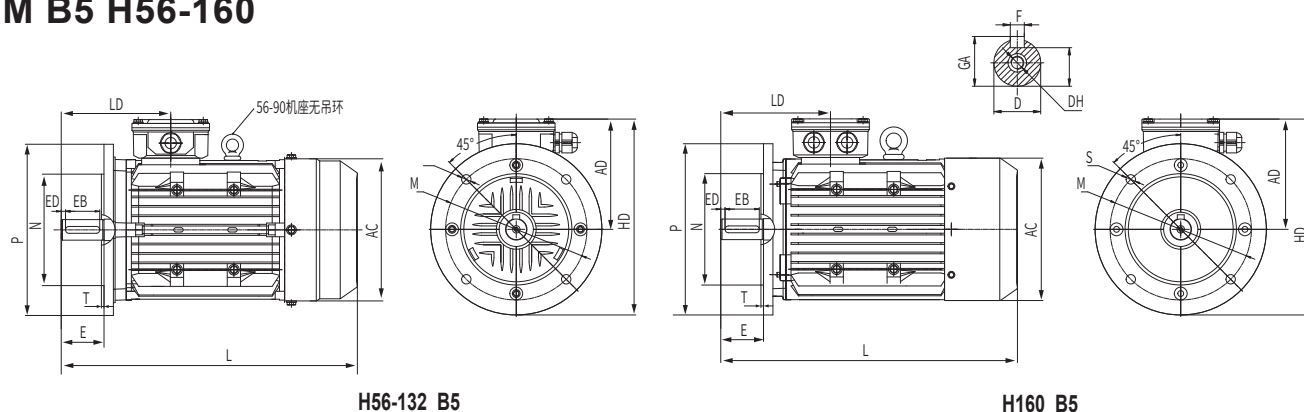
MS 安装及外形尺寸 Mounting and Overall Dimensions

IM B3 H56-160



型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	L	LD
56	90	23	111	113	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	199	83
63	100	24	123	120	101	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	217	95.5
71	112	26	138	136	101	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	245	110.5
80	125	35	157	158	101	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	290	115
90S	140	37	173	175	109	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	325	145
90L	140	37	173	175	109	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	350	145
100L	160	40	196	198	109	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	398	148.5
112M	190	40	227	230	117.5	140	43	180	70	28	M10X22	60	50	5	8	24	31	114	15	12X16	394	154
132S	216	51	262	258	117.5	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	445	180
132M	216	51	262	258	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	483	180
160M	254	55	304	315	167	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	589	268.5
160L	254	55	304	315	167	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	633	268.5

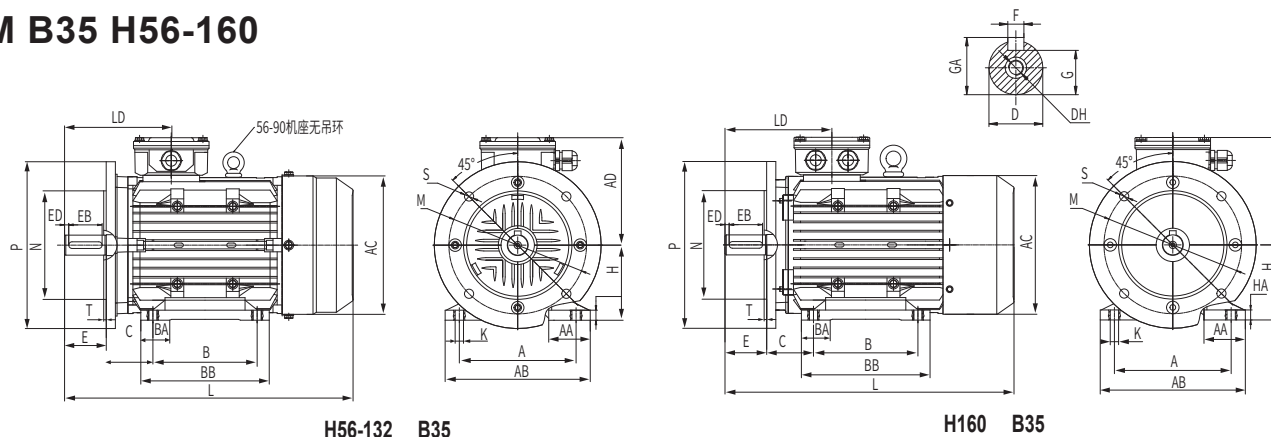
IM B5 H56-160



型号 Type	AC	AD	D	DH	E	EB	ED	F	G	GA	HD	L	LA	LB	LD	M	N	P	S	T
56	113	96	9	M4X12	20	16	2	3	7.2	10.2	156	199	8	179	83	100	80	120	7	3
63	120	102	11	M4X12	23	16	3.5	4	8.5	12.5	172	217	10	194	95.5	115	95	140	10	3
71	136	109	14	M5X12	30	25	2.5	5	11	16	189	245	10	215	110.5	130	110	160	10	3.5
80	158	129	19	M6X16	40	30	5	6	15.5	21.5	229	290	12	250	115	165	130	200	12	3.5
90S	175	140	24	M8X19	50	40	5	8	20	27	240	325	12	275	145	165	130	200	12	3.5
90L	175	140	24	M8X19	50	40	5	8	20	27	240	350	12	300	145	165	130	200	12	3.5
100L	198	156	28	M10X22	60	50	5	8	24	31	281	398	13	338	148.5	215	180	250	14.5	4
112M	225	176	28	M10X22	60	50	5	8	24	31	301	447	14	387	162	215	180	250	14.5	4
132S	258	188	38	M12X28	80	65	7.5	10	33	41	338	475	14	395	180	265	230	300	14.5	4
132M	258	188	38	M12X28	80	65	7.5	10	33	41	338	513	14	433	180	265	230	300	14.5	4
160M	315	242	42	M16X36	110	90	10	12	37	45	417	609	15	499	268.5	300	250	350	18.5	5
160L	315	242	42	M16X36	110	90	10	12	37	45	417	653	15	543	268.5	300	250	350	18.5	5

MS 安装及外形尺寸 Mounting and Overall Dimensions

IM B35 H56-160

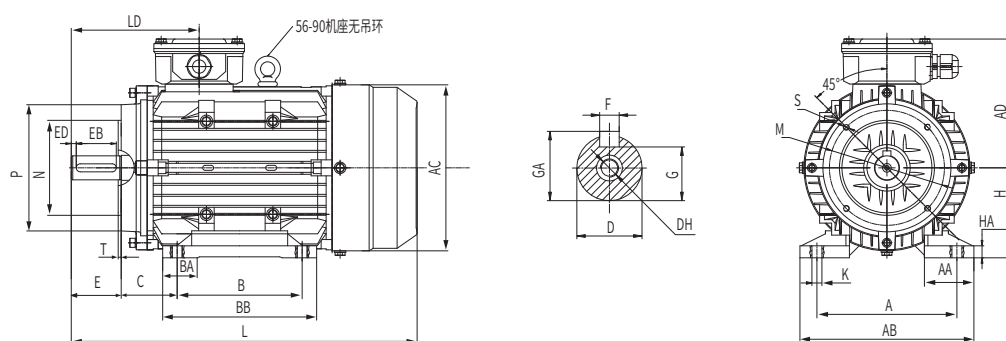


H56-132 B35

H160 B35

型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	L	LA	LB	LD	M	N	P	S	T
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	199	8	179	83	100	80	120	7	3
63	100	24	123	120	102	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	217	10	194	95.5	115	95	140	10	3
71	112	26	138	136	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	245	10	215	110.5	130	110	160	10	3.5
80	125	35	157	155	124	100	32.5	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	9	10X14	287	12	247	118	165	130	200	12	3.5
90S	140	37	173	175	137	100	32.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	310	11	260	136	165	130	200	12	3.5
90L	140	37	173	175	137	125	32.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	335	11	285	136	165	130	200	12	3.5
100L	160	40	196	195	151	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	383	13	323	144	215	180	250	14.5	4
112M	190	41	227	219	169	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	401	14	341	152	215	180	250	14.5	4
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	475	14	395	180	265	230	300	14.5	4
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	513	14	433	180	265	230	300	14.5	4
160M	254	55	304	315	242	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	609	15	499	268.5	300	250	350	18.5	5
160L	254	55	304	315	242	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	653	15	543	268.5	300	250	350	18.5	5

IM B34 H56-132

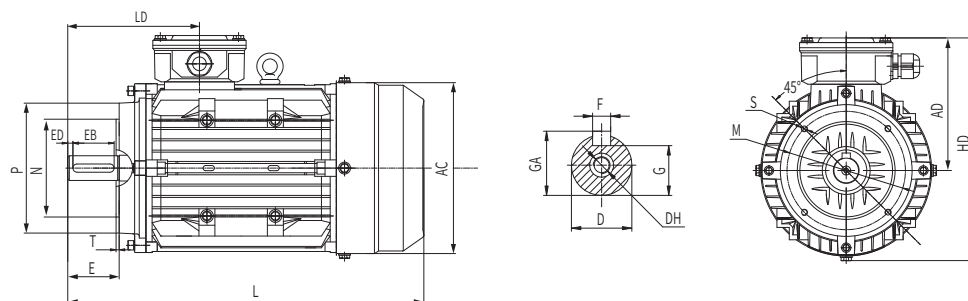


H56-132 B34

型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	L	LB	LD	M	N	P	S	T
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	199	179	83	65	50	84	M5	3
63	100	24	123	120	102	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	217	194	95.5	75	60	90	M5	3
71	112	26	138	136	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	245	215	110.5	85	70	105	M6	3
80	125	35	157	155	124	100	32.5	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	9	10X14	287	247	118	100	80	120	M6	3
90S	140	37	173	175	137	100	32.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	310	260	136	115	95	138	M8	3
90L	140	37	173	175	137	125	32.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	335	285	136	115	95	138	M8	3
100L	160	40	196	195	151	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	383	323	144	130	110	160	M8	4
112M	190	41	227	219	169	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	401	341	152	130	110	160	M8	4
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	475	395	180	165	130	200	M10	5
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	513	433	180	165	130	200	M10	5

MS 安装及外形尺寸 Mounting and Overall Dimensions

IM B14 H56-132



H56-132 B14

型号 Type	AC	AD	D	DH	E	EB	ED	F	G	GA	HD	L	LB	LD	M	N	P	S	T
56	113	96	9	M4X12	20	16	2	3	7.2	10.2	152.5	199	179	83	65	50	84	M5	3
63	120	102	11	M4X12	23	16	3.5	4	8.5	12.5	162	217	194	95.5	75	60	90	M5	3
71	136	109	14	M5X12	30	25	2.5	5	H	16	177	245	215	110.5	85	70	105	M6	3
80	155	124	19	M6X16	40	30	5	6	15.5	21.5	201.5	287	247	118	100	80	120	M6	3
90S	175	137	21	M8X19	50	40	5	8	20	27	224.5	310	260	136	115	95	138	M8	3
90L	175	137	21	M8X19	50	40	5	8	20	27	224.5	335	285	136	115	95	138	M8	3
100L	195	151	28	M10X22	60	50	5	8	24	31	248.5	383	323	144	130	110	160	M8	4
112M	219	169	28	M10X22	60	50	5	8	24	31	278.5	401	341	152	130	110	160	M8	4
132S	258	188	38	M12X28	80	65	7.5	10	33	41	317	475	395	180	165	130	200	M10	5
132M	258	188	38	M12X28	80	65	7.5	10	33	41	317	513	433	180	165	130	200	M10	5

IE2 (MS) 系列 (铝壳) 三相异步电动机

IE2 (MS) SERIES (ALUMINUM HOUSING) THREE PHASE ASYNCHRONOUS MOTOR



产品介绍 PRODUCT INTRODUCTION

IE2 (MS) 系列三相铝壳异步电动机是选用优质材料，根据IEC标准进行最新式整体设计而成。

IE2 (MS) 电机拥有高性能、操作安全可靠、外观优美、便于保养、低噪音、振动小并且有重量轻、结构简单等优点。本系列电动机适用于减速机、风机、水泵、切割机、高压清洗机等。

IE2 (MS) series three-phase aluminum house asynchronous motors are made of high-quality materials and are designed according to IEC standards.

IE2 (MS) motor has the advantages of high performance, safe and reliable operation, beautiful appearance, easy maintenance, low noise, low vibration, light weight and simple structure. This series of motor is suitable for gearbox, fan, water pump, cutting machine, High pressure washer etc.

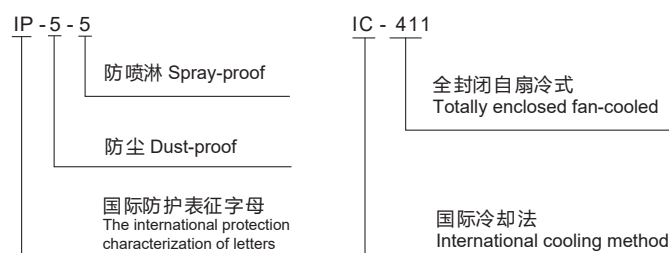
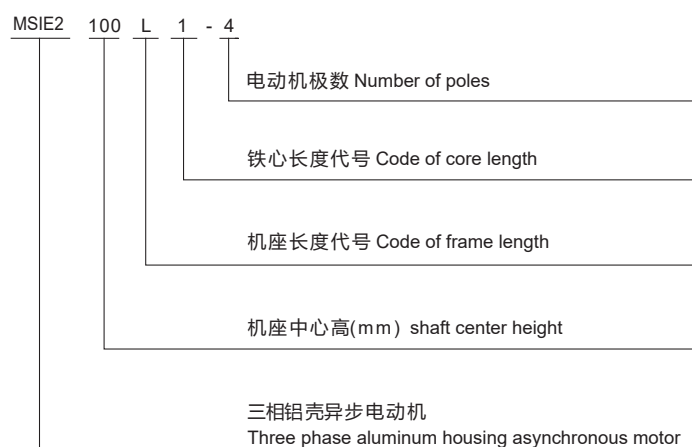
使用条件

- 环境空气温度: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- 海拔: 不超过1000米
- 电压: 220/380V 230/400V 380/660V 400/690V 415/720V
525/910V 220/380/440V 230/460V
- 频率: 50Hz, 60Hz
- 接法: 3KW及以下规格为Y接法,
4KW及以上规格为Δ接法
- 工作方法: 连续(S1)
- 绝缘等级: F级、H级、C级, 绕组定子温升考核80K
- 防护等级: 机壳IP55、IP56、IP66。
- 冷却方式: IC411

OPERATING CONDITIONS

- Ambient air temperature: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Altitude: No more than 1000 meters
- Voltage: 220/380V 230/400V 380/660V 400/690V 415/720V
525/910V 220/380/440V 230/460V
- Frequency: 50Hz, 60Hz
- Connection method: 3KW and below are star (Y) connection method,
4KW and above are delta (Δ) connection
- Duty: Continuous (S1)
- Insulation Class: F, H, C, winding stator temperature rise
assessment 80K
- Protection grade: IP55, IP56, IP66.
- Cooling method: IC411

代号说明 EXPLANATION OF TYPE DESIGNATION



IE2 (MS) 技术参数 TECHNICAL DATA

SPEED 3000RPM 2POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/in
	kW	HP	rpm	380V	400V	415V	525V								
MSIE2-562-2	0.12	0.18	2720	0.47	0.45	0.43	0.34	53.6	53.6	52.5	0.72	0.42	2.1	2.2	5.2
MSIE2-631-2	0.18	0.25	2725	0.57	0.54	0.52	0.41	60.4	60.4	59.2	0.80	0.63	2.2	2.2	5.5
MSIE2-632-2	0.25	0.37	2725	0.72	0.69	0.66	0.52	64.8	64.8	63.5	0.81	0.88	2.2	2.2	5.5
MSIE2-711-2	0.37	0.5	2745	1.00	0.95	0.91	0.72	69.5	69.5	68.1	0.81	1.29	2.2	2.2	6.1
MSIE2-712-2	0.55	0.75	2745	1.38	1.31	1.26	0.99	74.1	74.1	72.6	0.82	1.91	2.3	2.3	6.1
MSIE2-801-2	0.75	1	2875	1.77	1.69	1.62	1.28	77.4	77.4	75.9	0.83	2.49	2.3	2.3	6.8
MSIE2-802-2	1.1	1.5	2875	2.50	2.37	2.29	1.82	79.6	79.6	78.0	0.84	3.65	2.3	2.3	7.1
MSIE2-90S-2	1.5	2	2890	3.34	3.17	3.06	2.43	81.3	81.3	79.7	0.84	4.96	2.3	2.3	7.3
MSIE2-90L-2	2.2	3	2890	4.73	4.49	4.33	3.42	83.2	83.2	81.5	0.85	7.27	2.3	2.3	7.6
MSIE2-100L-2	3	4	2891	6.19	5.88	5.67	4.48	84.6	84.6	82.9	0.87	9.91	2.2	2.3	7.8
MSIE2-112M-2	4	5	2914	8.05	7.65	7.37	5.82	85.8	85.8	84.1	0.88	13.1	2.2	2.3	8.1
MSIE2-132S1-2	5.5	7.5	2937	11.2	10.6	10.2	8.32	87.0	87.0	85.3	0.86	17.9	2.2	2.3	8.2
MSIE2-132S2-2	7.5	10	2940	14.7	14.0	13.5	15.2	88.1	88.1	86.3	0.88	24.4	2.2	2.3	7.8
MSIE2-160M1-2	11	15	2930	21.0	20.0	19.2	21.0	89.4	89.4	87.6	0.89	35.9	2.2	2.3	7.9
MSIE2-160M2-2	15	20	2930	28.4	26.9	26.0	20.5	90.3	90.3	88.5	0.89	48.9	2.2	2.3	7.9
MSIE2-160L-2	18.5	25	2937	34.7	33.0	31.8	25.1	90.9	90.9	89.1	0.89	60.2	2.2	2.3	8.0

SPEED 1500RPM 4POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/in
	kW	HP	rpm	380V	400V	415V	525V								
MSIE2-631-4	0.12	0.18	1315	0.43	0.41	0.39	0.31	59.1	59.1	57.9	0.72	0.87	2.1	2.2	4.4
MSIE2-632-4	0.18	0.25	1315	0.58	0.55	0.53	0.41	64.7	64.7	63.4	0.73	1.31	2.1	2.2	4.4
MSIE2-711-4	0.25	0.37	1335	0.75	0.71	0.69	0.54	68.5	68.5	67.1	0.74	1.79	2.1	2.2	5.2
MSIE2-712-4	0.37	0.5	1335	1.03	0.98	0.94	0.74	72.7	72.7	71.2	0.75	2.65	2.3	2.2	5.2
MSIE2-801-4	0.55	0.75	1400	1.45	1.37	1.32	1.04	77.1	77.1	75.6	0.75	3.75	2.3	2.3	5.2
MSIE2-802-4	0.75	1	1400	1.88	1.79	1.72	1.36	79.6	79.6	78.0	0.76	5.12	2.3	2.3	6.4
MSIE2-90S-4	1.1	1.5	1440	2.67	2.53	2.44	1.93	81.4	81.4	79.8	0.77	7.30	2.3	2.3	6.6
MSIE2-90L-4	1.5	2	1445	3.57	3.40	3.27	2.58	82.8	82.8	81.1	0.77	9.91	2.3	2.3	6.7
MSIE2-100L1-4	2.2	3	1440	4.90	4.65	4.48	3.54	84.3	84.3	82.6	0.81	14.6	2.3	2.3	7.3
MSIE2-100L2-4	3	4	1440	6.50	6.18	5.95	4.70	85.5	85.5	83.8	0.82	19.9	2.3	2.3	7.5
MSIE2-112M-4	4	5.5	1445	8.56	8.13	7.84	6.19	86.6	86.6	84.9	0.82	26.4	2.0	2.3	7.5
MSIE2-132S-4	5.5	7.5	1455	11.5	10.9	10.5	8.32	87.7	87.7	85.9	0.83	36.1	2.0	2.3	7.5
MSIE2-132M-4	7.5	10	1455	15.3	14.5	14.0	11.0	88.7	88.7	86.9	0.84	49.2	2.0	2.3	7.3
MSIE2-160M-4	11	15	1460	22.2	21.0	20.3	16.0	89.8	89.8	88.0	0.84	72.0	2.0	2.3	7.4
MSIE2-160L-4	15	20	1460	29.6	28.1	27.1	21.4	90.6	90.6	88.8	0.85	98.1	2.0	2.3	7.5

IE2 (MS) 技术参数 TECHNICAL DATA

SPEED 1000RPM 6POLE 50Hz

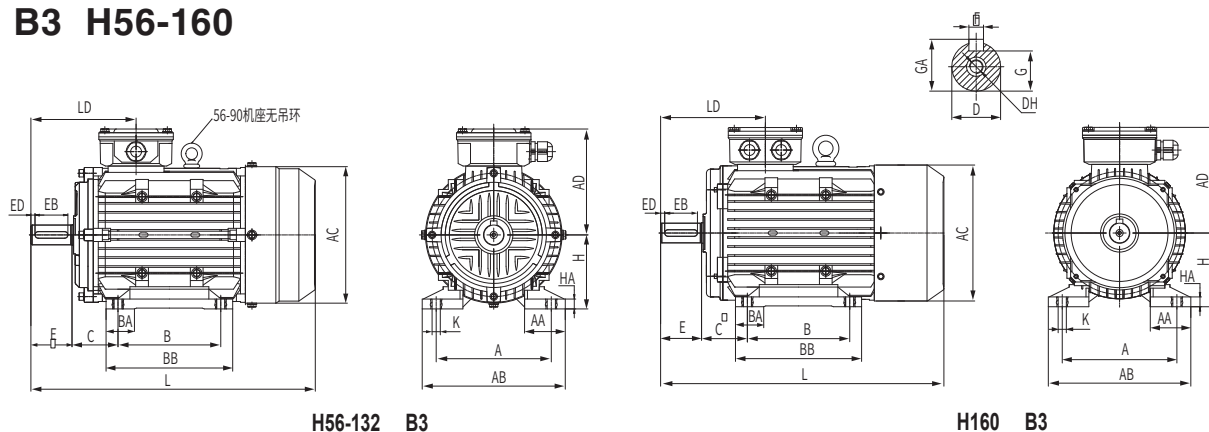
型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/in
	kW	HP		380V	400V	415V	525V								
MSIE2-632-6	0.12	0.18	850	0.6	0.57	0.55	0.43	50.6	50.6	49.6	0.60	1.35	2.0	2.1	4.4
MSIE2-711-6	0.18	0.25	850	0.73	0.70	0.67	0.52	56.6	56.6	55.5	0.66	2.02	2.0	2.1	4.0
MSIE2-712-6	0.25	0.37	850	0.91	0.86	0.83	0.66	61.6	61.6	60.4	0.68	2.81	2.0	2.1	4.0
MSIE2-801-6	0.37	0.5	885	1.19	1.13	1.09	0.86	67.6	67.6	66.2	0.70	3.99	2.0	2.1	4.7
MSIE2-802-6	0.55	0.75	885	1.59	1.51	1.45	1.15	73.1	73.1	71.6	0.72	5.94	2.0	2.1	4.7
MSIE2-90S-6	0.75	1	934	2.09	1.98	1.91	1.51	75.9	75.9	74.4	0.72	7.67	2.0	2.1	5.3
MSIE2-90L-6	1.1	1.5	945	2.97	2.82	2.72	2.14	78.1	78.1	76.5	0.72	11.1	2.0	2.1	5.0
MSIE2-100L-6	1.5	2	945	3.81	3.62	3.49	2.75	79.8	79.8	78.2	0.75	15.2	2.0	2.1	5.5
MSIE2-112M-6	2.2	3	960	5.38	5.11	4.92	3.89	81.8	81.8	80.2	0.76	21.9	2.0	2.1	5.5
MSIE2-132S-6	3	4	964	7.20	6.84	6.59	5.21	83.3	83.3	81.6	0.76	29.7	2.0	2.1	6.5
MSIE2-132M1-6	4	5.5	965	9.45	8.98	8.66	6.84	84.6	84.6	82.9	0.76	39.6	2.0	2.1	6.5
MSIE2-132M2-6	5.5	7.5	965	12.6	12.0	11.6	9.12	86.0	86.0	84.3	0.77	54.4	2.0	2.1	6.5
MSIE2-160M-6	7.5	10	970	16.8	15.9	15.3	12.2	87.2	87.2	85.5	0.78	73.8	2.0	2.1	6.5
MSIE2-160L-6	11	15	970	24.2	22.9	22.1	17.5	88.7	88.7	86.9	0.78	108.3	2.0	2.1	6.5

SPEED 750RPM 8POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/in
	kW	HP		380V	400V	415V	525V								
MSIE2-712-8	0.12	0.18	0.80	0.76	0.72	0.70	0.55	39.8	39.8	39.0	0.57	1.89	1.8	1.9	2.8
MSIE2-801-8	0.18	0.25	0.98	0.93	0.88	0.85	0.67	45.9	45.9	45.0	0.61	2.64	1.8	1.9	3.3
MSIE2-802-8	0.25	0.37	1.23	1.17	1.11	1.07	0.85	50.6	50.6	49.6	0.61	3.67	1.8	1.9	3.3
MSIE2-90S-8	0.37	0.5	1.64	1.56	1.48	1.43	1.12	56.1	56.1	55.0	0.61	5.23	1.8	1.9	4.0
MSIE2-90L-8	0.55	0.75	2.22	2.11	2.00	1.93	1.52	61.7	61.7	60.5	0.61	7.78	1.8	2.0	4.0
MSIE2-100L1-8	0.75	1	2.57	2.44	2.32	2.23	1.75	66.2	66.2	64.9	0.67	10.5	1.8	2.0	4.0
MSIE2-100L2-8	1.1	1.5	3.42	3.25	3.09	2.98	2.33	70.8	70.8	69.4	0.69	15.3	1.8	2.0	5.0
MSIE2-112M-8	1.5	2	4.39	4.17	3.96	3.82	2.98	74.1	74.1	72.6	0.70	20.6	1.8	2.0	5.0
MSIE2-132S-8	2.2	3	6.07	5.76	5.47	5.27	4.11	77.6	77.6	76.0	0.71	29.6	1.8	2.0	6.0
MSIE2-132M-8	3	4	7.80	7.41	7.04	6.79	5.28	80.0	80.0	78.4	0.73	40.4	1.8	2.0	6.0
MSIE2-160M1-8	4	5.5	10.2	9.66	9.18	8.85	6.87	81.9	81.9	80.3	0.73	52.7	1.9	2.0	6.0
MSIE2-160M2-8	5.5	7.5	13.5	12.8	12.2	11.7	9.09	83.8	83.8	82.1	0.74	72.4	2.0	2.0	6.0
MSIE2-160L-8	7.5	10	17.8	16.9	16.1	15.5	12.0	85.3	85.3	83.6	0.75	98.8	2.0	2.0	6.0

IE2 (MS) 安装及外形尺寸 Mounting and Overall Dimensions

IM B3 H56-160

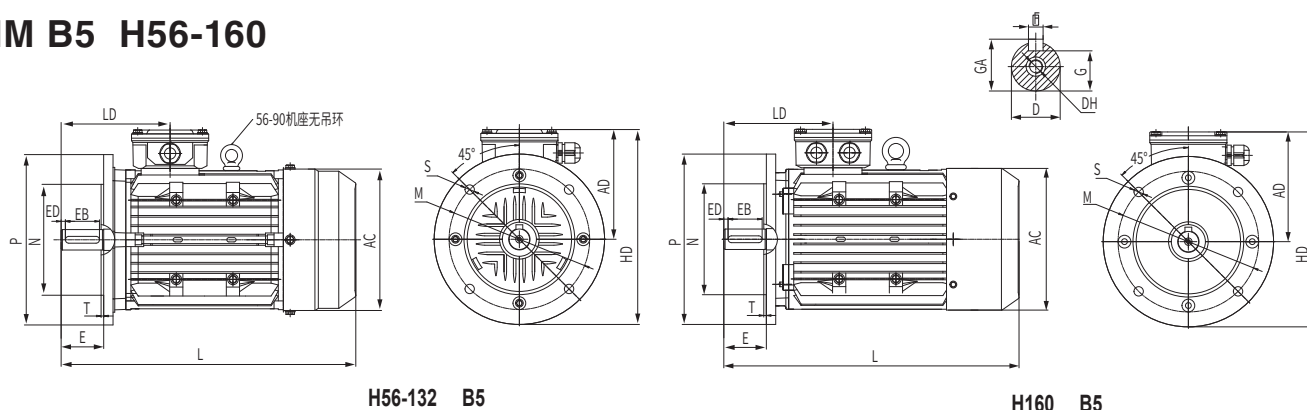


H56-132 B3

H160 B3

型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	L	LD
56	90	23	111	113	86	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	199	83
63	100	24	123	120	101	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	217	95.5
71	112	26	138	136	101	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	245	110.5
80	125	35	157	158	101	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	290	115
90S	140	37	173	175	109	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	325	145
90L	140	37	173	175	109	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	350	145
100L	160	40	196	198	109	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	398	148.5
112M	190	40	227	230	117.5	140	43	180	70	28	M10X22	60	50	5	8	24	31	114	15	12X16	394	154
132S	216	51	262	258	117.5	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	445	180
132M	216	51	262	258	117.5	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	483	180
160M	254	55	304	315	167	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	589	268.5
160L	254	55	304	315	167	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	633	268.5

IM B5 H56-160



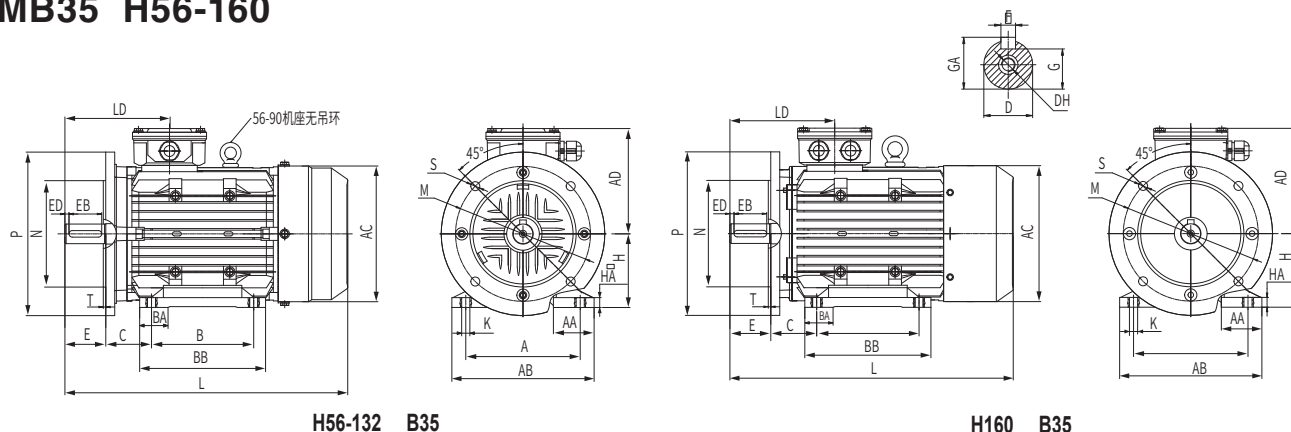
H56-132 B5

H160 B5

型号 Type	AC	AD	D	DH	E	EB	ED	F	G	GA	HD	L	LA	LB	LD	M	N	P	S	T
56	113	96	9	M4X12	20	16	2	3	7.2	10.2	156	199	8	179	83	100	80	120	7	3
63	120	102	11	M4X12	23	16	3.5	4	8.5	12.5	172	217	10	194	95.5	115	95	140	10	3
71	136	109	14	M5X12	30	25	2.5	5	11	16	189	245	10	215	110.5	130	110	160	10	3.5
80	158	129	19	M6X16	40	30	5	6	15.5	21.5	229	290	12	250	115	165	130	200	12	3.5
90S	175	140	24	M8X19	50	40	5	8	20	27	240	325	12	275	145	165	130	200	12	3.5
90L	175	140	24	M8X19	50	40	5	8	20	27	240	350	12	300	145	165	130	200	12	3.5
100L	198	156	28	M10X22	60	50	5	8	24	31	281	398	13	338	148.5	215	180	250	14.5	4
112M	225	176	28	M10X22	60	50	5	8	24	31	301	447	14	387	162	215	180	250	14.5	4
132S	258	188	38	M12X28	80	65	7.5	10	33	41	338	475	14	395	180	265	230	300	14.5	4
132M	258	188	38	M12X28	80	65	7.5	10	33	41	338	513	14	433	180	265	230	300	14.5	4
160M	315	242	42	M16X36	110	90	10	12	37	45	417	609	15	499	268.5	300	250	350	18.5	5
160L	315	242	42	M16X36	110	90	10	12	37	45	417	653	15	543	268.5	300	250	350	18.5	5

IE2 (MS) 安装及外形尺寸 Mounting and Overall Dimensions

IMB35 H56-160

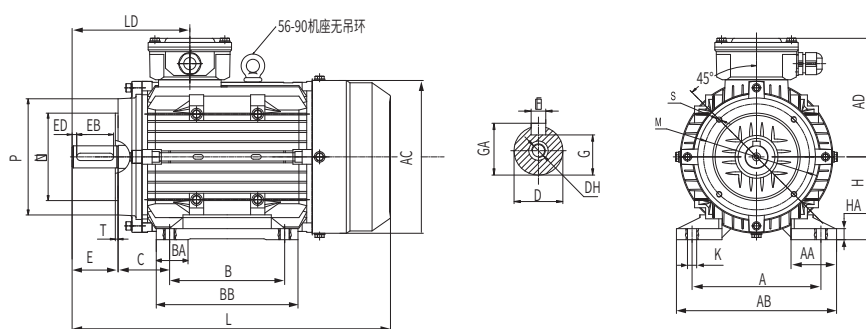


H56-132 B35

H160 B35

型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	L	LD	M	N	P	S	T
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	199	83	100	80	120	7	3
63	100	24	123	120	102	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	217	95.5	115	95	140	10	3
71	112	26	138	136	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	245	110.5	130	110	160	10	3.5
80	125	35	157	158	124	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	290	115	165	130	200	12	3.5
90S	140	37	173	175	137	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	325	145	165	130	200	12	3.5
90L	140	37	173	175	137	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	350	145	165	130	200	12	3.5
100L	160	40	196	198	151	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	398	148.5	215	180	250	14.5	4
112M	190	40	227	230	169	140	43	180	70	28	M10X22	60	50	5	8	24	31	114	15	12X16	394	154	215	180	250	14.5	4
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	445	180	265	230	300	14.5	4
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	483	180	265	230	300	14.5	4
160M	254	55	304	315	242	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	589	268.5	300	250	350	18.5	5
160L	254	55	304	315	242	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	633	268.5	300	250	350	18.5	5

IM B34 H56-132

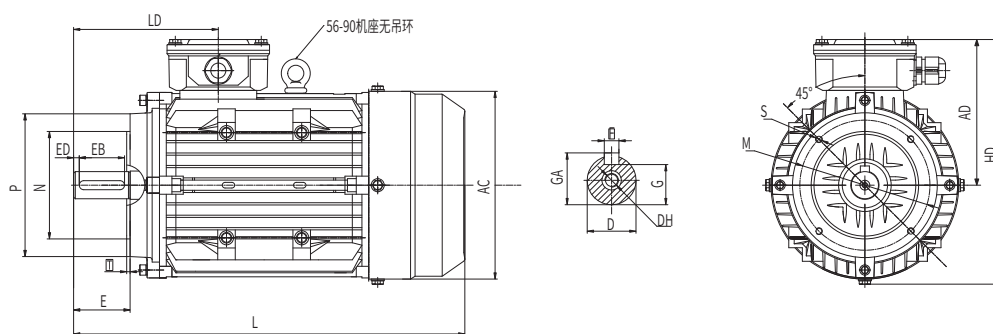


H56-132 B34

型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	L	LD	LB	M	N	P	S	T
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	199	83	179	65	50	80	M5	2.5
53	100	24	123	120	102	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	217	95.5	194	75	60	90	M5	2.5
71	112	26	138	136	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	245	110.5	215	85	70	105	M6	2.5
80	125	35	157	158	124	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	290	115	247	100	80	120	M6	3
90S	140	37	173	175	137	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	325	145	260	115	95	140	M8	3
90L	140	37	173	175	137	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	350	145	285	115	95	140	M8	3
100L	160	40	196	198	151	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	398	148.5	323	130	110	160	M8	3.5
112M	190	40	227	230	169	140	43	180	70	28	M10X22	60	50	5	8	24	31	114	15	12X16	394	154	341	130	110	160	M8	3.5
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	445	180	395	165	130	200	M10	3.5
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	483	180	433	165	130	200	M10	3.5

IE2 (MS) 安装及外形尺寸 Mounting and Overall Dimensions

IM B14 H56-132

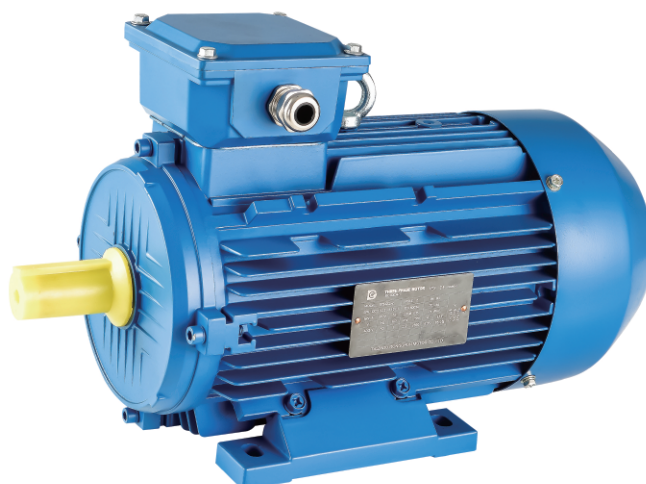


H56-132 B14

型号 Type	AC	AD	D	DH	E	EB	ED	F	G	GA	HD	L	LB	LD	M	N	P	S	T
56	113	96	9	M4X12	20	16	2	3	7.2	10.2	152.5	199	179	83	65	50	84	M5	3
63	120	102	11	M4X12	23	16	3.5	4	8.5	12.5	162	217	194	95.5	75	60	90	M5	3
71	136	109	14	M5X12	30	25	2.5	5	H	16	177	245	215	110.5	85	70	105	M6	3
80	155	124	19	M6X16	40	30	5	6	15.5	21.5	201.5	287	247	118	100	80	120	M6	3
90S	175	137	21	M8X19	50	40	5	8	20	27	224.5	310	260	136	115	95	138	M8	3
90L	175	137	21	M8X19	50	40	5	8	20	27	224.5	335	285	136	115	95	138	M8	3
100L	195	151	28	M10X22	60	50	5	8	24	31	248.5	383	323	144	130	110	160	M8	4
112M	219	169	28	M10X22	60	50	5	8	24	31	278.5	401	341	152	130	110	160	M8	4
132S	258	188	38	M12X28	80	65	7.5	10	33	41	317	475	395	180	165	130	200	M10	5
132M	258	188	38	M12X28	80	65	7.5	10	33	41	317	513	433	180	165	130	200	M10	5

IE3 (MS) 系列 (铝壳) 高效三相异步电动机 (3级能效GB3)

IE3 (MS) SERIES (ALUMINUM HOUSING) HIGH EFFICIENCY THREE PHASE ASYNCHRONOUS MOTOR



产品介绍 PRODUCT INTRODUCTION

IE3 (MS) 系列三相铝壳异步电动机是选用优质材料，根据IEC标准进行最新式整体设计而成的高效电动机。

IE3 (MS) 电机拥有高性能、操作安全可靠、外观优美、便于保养、低噪音、振动小并且有重量轻、结构简单等优点。本系列电动机适用于减速机、风机、水泵、切割机、高压清洗机等。

IE3 (MS) series three phase aluminum housing asynchronous motor is an high efficiency motor made of high-quality materials and the latest integrated design according to IEC standards.

IE3 (MS) motor has the advantages of high performance, safe and reliable operation, beautiful appearance, easy maintenance, low noise, low vibration, light weight and simple structure. This series of motor is suitable for gearbox, fan, water pump, cutting machine, High pressure washer etc.

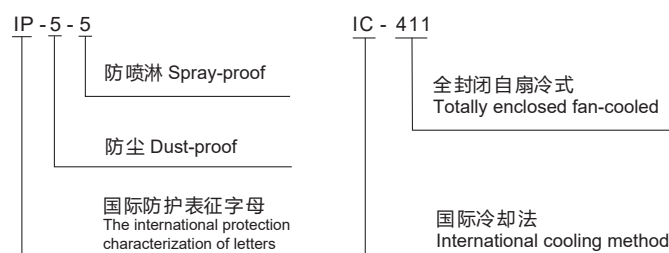
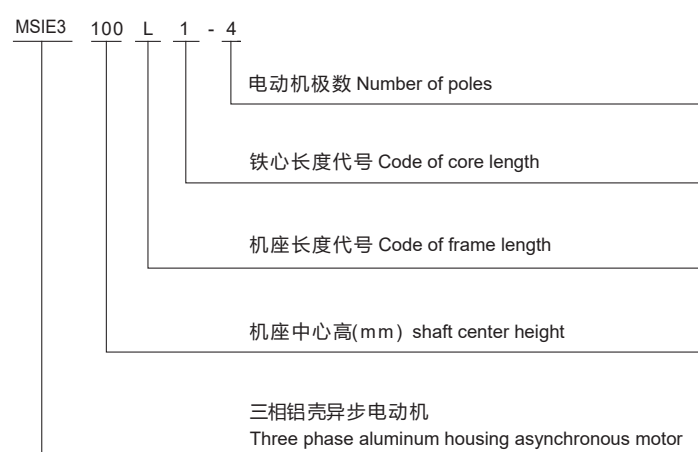
使用条件

- 环境空气温度: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- 海拔: 不超过1000米
- 电压: 220/380V 230/400V 380/660V 400/690V 415/720V
525/910V 220/380/440V 230/460V
- 频率: 50Hz, 60Hz
- 接法: 3KW及以下规格为Y接法,
4KW及以上规格为Δ接法
- 工作方法: 连续(S1)
- 绝缘等级: F级、H级、C级, 绕组定子温升考核80K
- 防护等级: 机壳IP55、IP56、IP66。
- 冷却方式: IC411

OPERATING CONDITIONS

- Ambient air temperature: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Altitude: No more than 1000 meters
- Voltage: 220/380V 230/400V 380/660V 400/690V 415/720V
525/910V 220/380/440V 230/460V
- Frequency: 50Hz, 60Hz
- Connection method: 3KW and below are Y connection method,
4KW and above are Δ connections
- Duty: Continuous (S1)
- Insulation Class: F, H, C, winding stator temperature rise
assessment 80K
- Protection grade: IP55, IP56, IP66.
- Cooling method: IC411

代号说明 EXPLANATION OF TYPE DESIGNATION



IE3 (MS) 技术参数 TECHNICAL DATA (3级能效GB3)

SPEED 3000RPM 2POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/in
	kW	HP		380V	400V	415V	525V								
MSIE3-562-2	0.12	0.18	2760	0.42	0.40	0.38	0.30	60.8	60.8	59.6	0.72	0.42	2.1	2.2	5.2
MSIE3-631-2	0.18	0.25	2730	0.52	0.49	0.47	0.38	65.9	65.9	64.6	0.80	0.63	2.2	2.2	5.5
MSIE3-632-2	0.25	0.37	2730	0.67	0.64	0.62	0.48	69.7	69.7	68.3	0.81	0.87	2.2	2.2	5.5
MSIE3-711-2	0.37	0.5	2750	0.94	0.89	0.86	0.68	73.8	73.8	72.3	0.81	1.28	2.2	2.2	6.1
MSIE3-712-2	0.55	0.75	2750	1.31	1.24	1.20	0.95	77.8	77.8	76.2	0.82	1.91	2.3	2.3	6.1
MSIE3-801-2	0.75	1	2880	1.72	1.64	1.58	1.24	80.7	80.7	79.1	0.82	2.49	2.3	2.3	7.0
MSIE3-802-2	1.1	1.5	2880	2.43	2.31	2.23	1.76	82.7	82.7	81.0	0.83	3.65	2.2	2.3	7.3
MSIE3-90S-2	1.5	2	2895	3.22	3.06	2.95	2.33	84.2	84.2	82.5	0.84	4.95	2.2	2.3	7.6
MSIE3-90L-2	2.2	3	2895	4.58	4.35	4.19	3.32	85.9	85.9	84.2	0.85	7.26	2.2	2.3	7.6
MSIE3-100L-2	5.5	4	2895	6.02	5.71	5.51	4.36	87.1	87.1	85.4	0.87	9.90	2.2	2.3	7.8
MSIE3-112M-2	3	5.5	2905	7.84	7.45	7.18	5.67	88.1	88.1	86.3	0.88	13.1	2.2	2.3	8.3
MSIE3-132S1-2	4	7.5	2930	10.6	10.1	9.75	7.67	89.2	89.2	87.4	0.88	17.9	2.0	2.3	8.3
MSIE3-132S2-2	7.5	10	2930	14.4	13.7	13.2	10.42	90.1	90.1	88.3	0.88	24.4	2.0	2.3	7.9
MSIE3-160M1-2	11	15	2945	20.6	19.6	18.9	14.91	91.2	91.2	89.4	0.89	35.7	2.0	2.3	8.1
MSIE3-160M2-2	15	20	2945	27.9	26.5	25.5	20.19	91.9	91.9	90.1	0.89	48.6	2.0	2.3	8.1
MSIE3-160L-2	18.5	25	2940	34.2	32.5	31.3	24.75	92.4	92.4	90.6	0.89	60.1	2.0	2.3	8.2

SPEED 1500RPM 4POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/in
	kW	HP		380V	400V	415V	525V								
MSIE3-631-4	0.12	0.18	1320	0.39	0.37	0.36	0.28	64.8	64.8	63.5	0.72	0.87	2.1	2.2	4.4
MSIE3-632-4	0.18	0.25	1320	0.54	0.51	0.49	0.39	69.9	69.9	68.5	0.73	1.30	2.1	2.2	4.4
MSIE3-711-4	0.25	0.37	1340	0.70	0.66	0.64	0.51	73.5	73.5	72.0	0.74	1.78	2.1	2.2	5.2
MSIE3-712-4	0.37	0.5	1340	0.97	0.92	0.89	0.70	77.3	77.3	75.8	0.75	2.64	2.1	2.2	5.2
MSIE3-801-4	0.55	0.75	1400	1.38	1.31	1.26	1.00	80.8	80.8	79.2	0.75	3.75	2.4	2.3	5.2
MSIE3-802-4	0.75	1	1420	1.84	1.75	1.69	1.33	82.5	82.5	80.9	0.75	5.04	2.3	2.3	6.6
MSIE3-90S-4	1.1	1.5	1445	2.61	2.48	2.39	1.89	84.1	84.1	82.4	0.76	7.27	2.3	2.3	6.8
MSIE3-90L-4	1.5	2	1445	3.47	3.3	3.18	2.51	85.3	85.3	83.6	0.77	9.91	2.3	2.3	7.0
MSIE3-100L1-4	2.2	3	1450	4.76	4.52	4.36	3.45	86.7	86.7	85.0	0.81	14.6	2.3	2.3	7.6
MSIE3-100L2-4	3	4	1450	6.34	6.02	5.8	4.59	87.7	87.7	85.9	0.82	20.0	2.3	2.3	7.6
MSIE3-112M-4	4	5.5	1450	8.37	7.95	7.66	6.06	88.6	88.6	86.8	0.82	26.5	2.2	2.3	7.8
MSIE3-132S-4	5.5	7.5	1460	11.2	10.7	10.3	8.11	89.6	89.6	87.8	0.83	36.0	2.0	2.3	7.9
MSIE3-132M-4	7.5	10	1460	15.0	14.3	13.7	10.9	90.4	90.4	88.6	0.84	49.1	2.0	2.3	7.5
MSIE3-160M-4	11	15	1465	21.5	20.4	19.7	15.6	91.4	91.4	89.6	0.85	71.7	2.2	2.3	7.7
MSIE3-160L-4	15	20	1465	28.8	27.3	26.3	20.9	92.1	92.1	90.3	0.86	97.8	2.2	2.3	7.8

SPEED 1000RPM 6POLE 50Hz

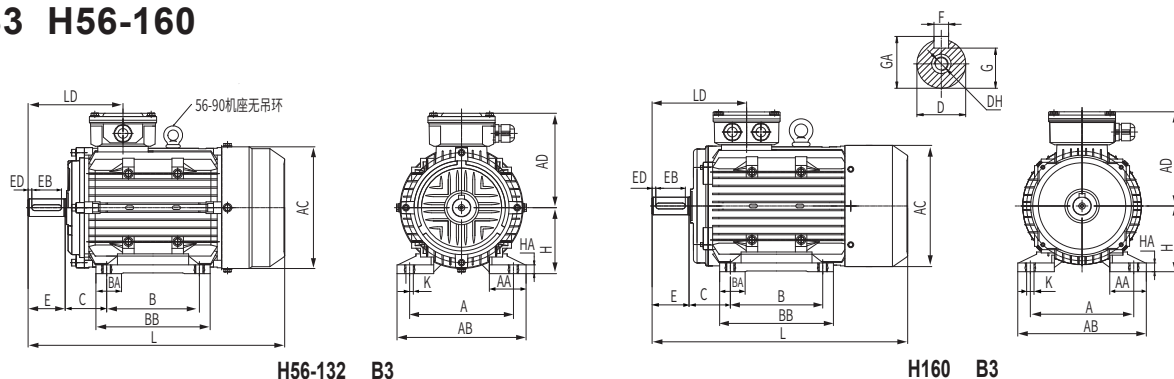
型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP		380V	400V	415V	525V								
MSIE3-632-6	0.12	0.18	855	0.53	0.50	0.48	0.38	57.7	57.7	56.5	0.60	1.34	1.8	1.9	3.5
MSIE3-711-6	0.18	0.25	855	0.65	0.62	0.59	0.47	63.9	63.9	62.6	0.66	2.01	1.9	2.0	4.0
MSIE3-712-6	0.25	0.37	855	0.81	0.77	0.75	0.59	68.6	68.6	67.2	0.68	2.79	1.9	2.0	4.0
MSIE3-801-6	0.37	0.5	890	1.09	1.04	1.00	0.79	73.5	73.5	72.0	0.70	3.97	1.9	2.0	4.7
MSIE3-802-6	0.55	0.75	890	1.50	1.43	1.38	1.09	77.2	77.2	75.7	0.72	5.90	1.9	2.1	4.7
MSIE3-90S-6	0.75	1	935	2.03	1.93	1.86	1.47	78.9	78.9	77.3	0.71	7.66	2.0	2.1	6.0
MSIE3-90L-6	1.1	1.5	945	2.83	2.69	2.59	2.05	81.0	81.0	79.4	0.73	11.1	2.0	2.1	6.0
MSIE3-100L-6	1.5	2	949	3.78	3.59	3.47	2.74	82.5	82.5	80.9	0.73	15.1	2.0	2.1	6.5
MSIE3-112M-6	2.2	3	955	5.36	5.09	4.91	3.88	84.3	84.3	82.6	0.74	22.0	2.0	2.1	6.6
MSIE3-132S-6	3	4	968	7.20	6.84	6.59	5.21	85.6	85.6	83.9	0.74	29.6	2.0	2.1	6.8
MSIE3-132M1-6	4	5.5	968	9.46	8.99	8.66	6.85	86.8	86.8	85.1	0.74	39.5	2.0	2.1	6.8
MSIE3-132M2-6	5.5	7.5	968	12.7	12.0	11.6	9.19	88.0	88.0	86.2	0.75	54.3	2.0	2.1	7.0
MSIE3-160M-6	7.5	10	970	16.2	15.4	14.8	11.73	89.1	89.1	87.3	0.79	73.8	2.0	2.1	7.0
MSIE3-160L-6	11	15	970	23.1	22.0	21.2	16.72	90.3	90.3	88.5	0.80	108.3	2.0	2.1	7.2

SPEED 750RPM 8POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP		380V	400V	415V	525V								
MSIE3-712-8	0.12	0.12	605	0.63	0.60	0.58	0.46	50.7	50.7	49.7	0.57	1.89	1.8	1.9	2.8
MSIE3-801-8	0.18	0.18	650	0.76	0.73	0.70	0.55	58.7	58.7	57.5	0.61	2.64	1.8	1.9	3.3
MSIE3-802-8	0.25	0.25	650	0.97	0.92	0.89	0.70	64.1	64.1	62.8	0.61	3.67	1.8	1.9	3.3
MSIE3-90S-8	0.37	0.37	675	1.33	1.26	1.22	0.96	69.3	69.3	67.9	0.61	5.23	1.8	1.9	4.0
MSIE3-90L-8	0.55	0.55	675	1.88	1.78	1.72	1.36	73.0	73.0	71.5	0.61	7.78	1.8	2.0	4.0
MSIE3-100L1-8	0.75	0.75	685	2.27	2.15	2.08	1.64	75.0	75.0	73.5	0.67	10.5	1.8	2.0	4.0
MSIE3-100L2-8	1.1	1.1	685	3.12	2.96	2.85	2.26	77.7	77.7	76.1	0.69	15.3	1.8	2.0	5.0
MSIE3-112M-8	1.5	1.5	695	4.08	3.88	3.74	2.95	79.7	79.7	78.1	0.70	20.6	1.8	2.0	5.0
MSIE3-132S-8	2.2	2.2	710	5.75	5.46	5.26	4.16	81.9	81.9	80.3	0.71	29.6	1.8	2.0	6.0
MSIE3-132M-8	3	3	710	7.48	7.10	6.85	5.41	83.5	83.5	81.8	0.73	40.4	1.8	2.0	6.0
MSIE3-160M1-8	4	4	725	9.82	9.33	8.99	7.11	84.8	84.8	83.1	0.73	52.7	1.9	2.0	6.0
MSIE3-160M2-8	5.5	5.5	725	13.1	12.4	12.0	9.48	86.2	86.2	84.5	0.74	72.4	2.0	2.0	6.0
MSIE3-160L-8	7.5	7.5	725	17.4	16.5	15.9	12.6	87.3	87.3	85.6	0.75	98.8	2.0	2.0	6.0

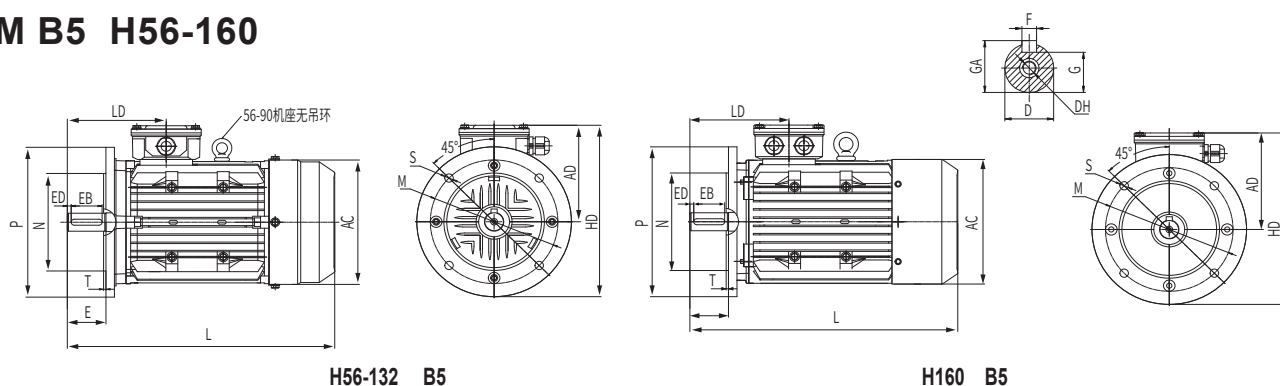
IE3 (MS) 安装及外形尺寸 Mounting and Overall Dimensions

IM B3 H56-160



型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	L	LD
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	199	83
63	100	24	123	120	102	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	217	95.5
71	112	26	138	136	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	245	110.5
80	125	35	157	158	129	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	290	115
90S	140	37	173	175	140	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	325	145
90L	140	37	173	175	140	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	350	145
100L	160	40	196	198	156	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	398	148.5
112M	190	40	227	230	176	140	43	180	70	28	M10X22	60	50	5	8	24	31	114	15	12X16	394	154
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	445	180
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	483	180
160M	254	55	304	315	242	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	589	268.5
160L	254	55	304	315	242	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	633	268.5

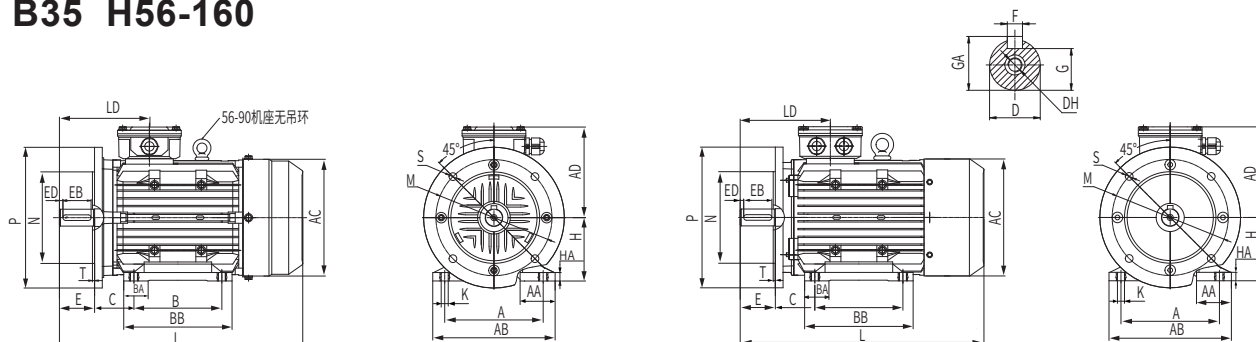
IM B5 H56-160



型号 Type	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LB	LD	LL	M	P	S	T
56	113	96	86	9	M4X12	20	16	2	3	7.2	10.2	156	1-M20X1.5	199	179	83	86	100	120	7	3
63	120	102	101	11	M4X12	23	16	3.5	4	8.5	12.5	172	1-M20X1.5	217	194	95.5	101	115	140	10	3
71	136	109	101	14	M5X12	30	25	2.5	5	11	16	189	1-M20X1.5	245	215	110.5	10	130	160	10	3.5
80	158	129	101	19	M6X16	40	30	5	6	15.5	21.5	229	1-M25X1.5	290	250	115	101	165	200	12	3.5
90S	175	140	109	24	M8X19	50	40	5	8	20	27	240	1-M25X1.5	325	275	145	109	165	200	12	3.5
90L	175	140	109	24	M8X19	50	40	5	8	20	27	240	1-M25X1.5	350	300	145	109	165	200	12	3.5
100L	198	156	109	28	M10X22	60	50	5	8	24	31	281	1-M32X1.5	398	338	148.5	109	215	250	14.5	4
112M	230	176	117.5	28	M10X22	60	50	5	8	24	31	301	2-M32X1.5	394	334	154	117.5	215	250	14.5	4
132S	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	338	2-M32X1.5	445	365	180	117.5	265	300	14.5	4
132M	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	338	2-M32X1.5	483	403	180	117.5	265	300	14.5	4
160M	315	242	167	42	M16X36	110	90	10	12	37	45	417	2-M40X1.5	589	479	268.5	167	300	350	18.5	5
160L	315	242	167	42	M16X36	110	90	10	12	37	45	417	2-M40X1.5	633	626	268.5	167	300	350	18.5	5

IE3 (MS) 安装及外形尺寸 Mounting and Overall Dimensions

IM B35 H56-160

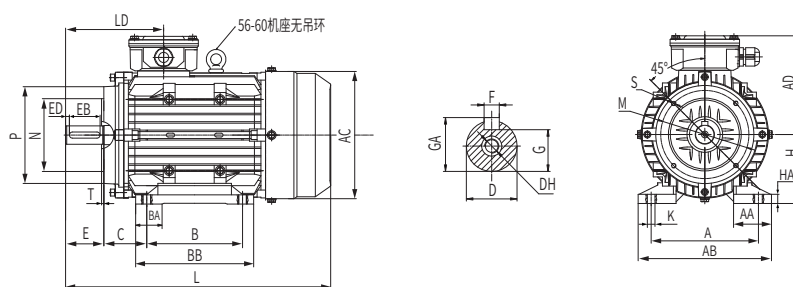


H56-132 B35

H160 B35

型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LA	LB	LD	M	N	P	S	T
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	8	179	83	100	80	120	7	3
63	100	24	123	120	102	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	10	194	95.5	115	95	140	10	3
71	112	26	138	135	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	10	215	110.5	130	110	160	10	3.5
80	125	35	157	158	129	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	12	250	115	165	130	200	12	3.5
90S	140	37	173	175	140	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	12	275	145	165	130	200	12	3.5
90L	140	37	173	175	140	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	12	300	145	165	130	200	12	3.5
100L	160	40	196	198	156	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	13	338	148.5	215	180	250	14.5	4
112M	190	40	227	230	176	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	394	14	334	154	215	180	250	14.5	4
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	445	14	365	180	265	230	300	14.5	4
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	483	14	403	180	265	230	300	14.5	4
160M	254	55	304	315	242	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	589	15	479	268.5	300	250	350	18.5	5
160L	254	55	304	315	242	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	633	15	523	268.5	300	250	350	18.5	5

IM B34 H56-132

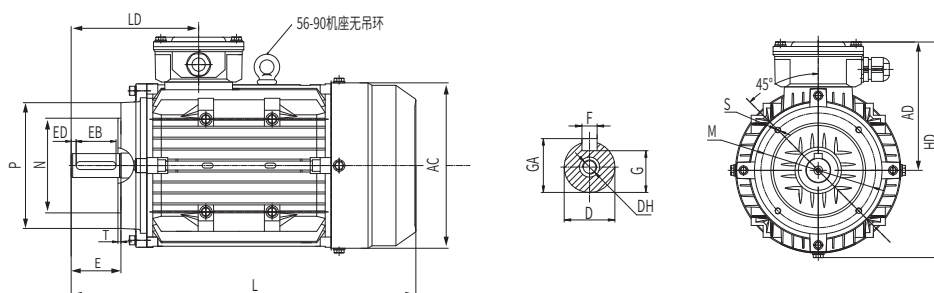


H56-132 B34

型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LB	LD	M	N	P	S	T
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	179	83	65	50	84	M5	3
63	100	24	123	120	102	80	25.5	110	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	194	95.5	76	60	90	M5	3
71	112	26	138	136	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	215	110.5	95	70	105	M6	3
80	125	35	157	158	129	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	250	115	100	80	120	M6	3
90S	140	37	173	175	140	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	275	145	115	95	138	M8	3
90L	140	37	173	175	140	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	300	145	115	95	138	M8	3
100L	160	40	196	198	156	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	338	148.5	130	110	160	M8	4
112M	190	40	227	230	176	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	394	334	154	130	110	160	M8	4
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	445	365	180	165	130	200	M10	5
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	483	403	180	165	130	200	M10	5

IE3 (MS) 安装及外形尺寸 Mounting and Overall Dimensions

IM B14 H56-132

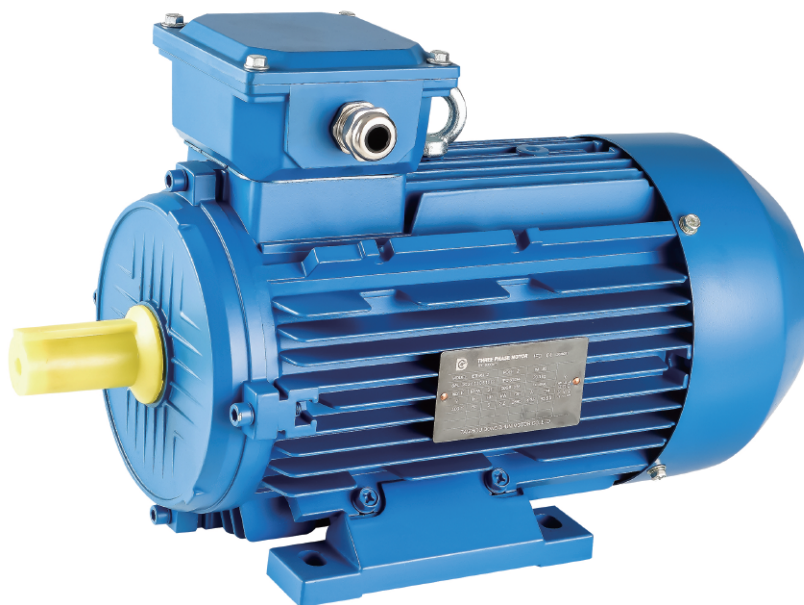


H56-132 B14

型号 Type	AC	AD	AG	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LB	LD	LL	M	P	S	T
56	113	96	86	9	M4X12	20	16	2	3	7.2	10.2	152.5	1-M20X1.5	199	179	83	86	65	80	M5	2.5
63	120	102	101	11	M4X12	23	16	3.5	4	8.5	12.5	162	1-M20X1.5	217	194	95.5	101	75	90	M5	2.5
71	136	109	101	14	M5X12	30	25	2.5	5	11	16	177	1-M20X1.5	245	215	110.5	101	85	105	M6	2.5
80	158	129	101	19	M6X16	40	30	5	6	15.5	21.5	208	1-M25X1.5	290	250	115	101	100	120	M6	3
90S	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	325	275	145	109	115	140	M8	3
90L	175	140	109	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	350	300	145	109	115	140	M8	3
100L	198	156	109	28	M10X22	60	50	5	8	24	31	255	1-M32X1.5	398	338	148.5	109	130	160	M8	3.5
112M	230	176	117.5	28	M10X22	60	50	5	8	24	31	291	2-M32X1.5	394	334	154	117.5	130	160	M8	3.5
132S	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	445	365	180	117.5	165	200	M10	3.5
132M	258	188	117.5	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	483	403	180	117.5	165	200	M10	3.5

IE4 (MS) 系列 (铝壳) 超高效三相异步电动机(2级能效GB2)

IE4 (MS) SERIES (ALUMINUM HOUSING) SUPER HIGH EFFICIENCY THREE PHASE ASYNCHRONOUS MOTOR



产品介绍 PRODUCT INTRODUCTION

IE4 (MS) 系列三相铝壳异步电动机是选用优质材料，根据 IEC 标准进行最新式整体设计而成。

IE4 (MS) 电机拥有高性能、操作安全可靠、外观优美、便于保养、低噪音、振动小并且有重量轻、结构简单等优点。本系列电动机适用于一般驱动用。

IE4 (MS) series aluminium housing three-phase asynchronous motors, with latest design in entirety, are made of selected quality materials and conformed to IEC standard.

IE4 (MS) 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 light weight and simple construction. These motors can be used for general drive.

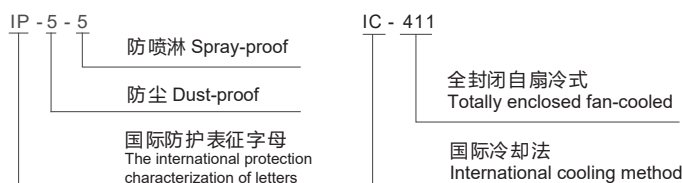
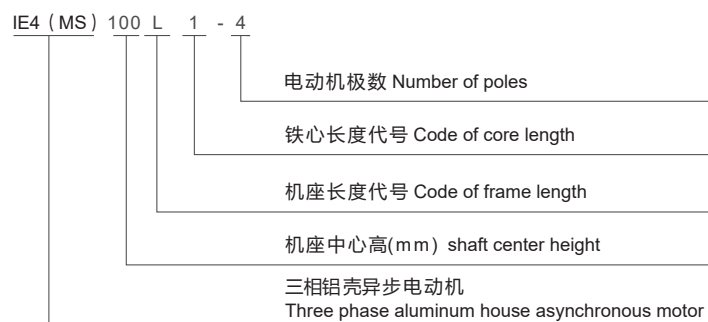
使用条件

- 环境温度: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- 海拔: 不超过1000米
- 额定电压: $380\text{V} \pm 5\%$
- 额定频率: 50Hz(按要求也可以生产60Hz)
- 工作制: S1连续工作制
- 绝缘等级: F级
- 防护等级: IP55
- 冷却方式: IC0141

PRODUCT FEATURES

- Ambient temperature: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Altitude: Not exceeding 1000meters
- Rated voltage: $380\text{V} \pm 5\%$
- Rated frequency: 50Hz (60Hz is available on request)
- Duty: Continuous (S1)
- Insulation class: Class F
- Protection class: IP54
- Cooling method: IC 0141

代号说明 EXPLANATION OF TYPE DESIGNATION



IE4 (MS) 技术参数 TECHNICAL DATA (2级能效GB2)

SPEED 3000RPM 2POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP		380V	400V	415V	525V								
MSIE4-562-2	0.12	0.18	2760	0.38	0.36	0.35	0.28	66.5	66.5	65.2	65.2	0.72	2.1	2.2	5.5
MSIE4-631-2	0.18	0.25	2745	0.48	0.46	0.44	0.35	70.8	70.8	69.4	69.4	0.80	2.2	2.2	6.5
MSIE4-632-2	0.25	0.37	2745	0.63	0.60	0.58	0.46	74.3	74.3	72.8	72.8	0.81	2.2	2.2	6.8
MSIE4-711-2	0.37	0.5	2765	0.89	0.84	0.81	0.64	78.1	78.1	76.5	76.5	0.81	2.2	2.2	7.3
MSIE4-712-2	0.55	0.75	2765	1.25	1.19	1.14	0.90	81.5	81.5	79.9	79.9	0.82	2.3	2.3	8.5
MSIE4-801-2	0.75	1	2910	1.66	1.58	1.52	1.20	83.5	83.5	81.8	81.8	0.82	2.3	2.3	11
MSIE4-802-2	1.1	1.5	2920	2.36	2.25	2.16	1.71	85.2	85.2	83.5	83.5	0.83	2.2	2.3	11.6
MSIE4-90S-2	1.5	2	2930	3.14	2.98	2.87	2.27	86.5	86.5	84.8	84.8	0.84	2.2	2.3	16
MSIE4-90L-2	2.2	3	2930	4.47	4.25	4.09	3.24	88.0	88.0	86.2	86.2	0.85	2.2	2.3	20.6
MSIE4-100L-2	3	4	2935	5.88	5.59	5.38	4.26	89.1	89.1	87.3	87.3	0.87	2.2	2.3	23.7
MSIE4-112M-2	4	5.5	2940	7.67	7.29	7.03	5.55	90.0	90.0	88.2	88.2	0.88	2.2	2.3	42
MSIE4-132S1-2	5.5	7.5	2945	10.4	9.9	9.57	7.53	90.9	90.9	89.1	89.1	0.88	2.0	2.3	46
MSIE4-132S2-2	7.5	10	2950	14.1	13.4	12.9	10.21	91.7	91.2	89.9	89.9	0.88	2.0	2.3	52
MSIE4-160M1-2	11	15	2960	20.3	19.3	18.6	14.69	92.6	92.6	90.7	90.7	0.89	2.0	2.3	95
MSIE4-160M2-2	15	20	2960	27.4	26.1	25.1	19.83	93.3	93.3	91.4	91.4	0.89	2.0	2.3	103
MSIE4-160L-2	18.5	25	2960	33.7	32.0	30.9	24.39	93.7	93.7	91.8	91.8	0.89	2.0	2.3	115

SPEED 1500RPM 4POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP		380V	400V	415V	525V								
MSIE4-631-4	0.12	0.18	1340	0.36	0.34	0.33	0.26	69.8	69.8	68.4	0.72	0.86	2.1	2.2	4.4
MSIE4-632-4	0.18	0.25	1340	0.50	0.48	0.46	0.36	74.7	74.7	73.2	0.73	1.28	2.1	2.2	4.4
MSIE4-711-4	0.25	0.37	1355	0.66	0.63	0.6	0.48	77.9	77.9	76.3	0.74	1.76	2.1	2.2	5.2
MSIE4-712-4	0.37	0.5	1355	0.92	0.88	0.85	0.67	81.1	81.1	79.5	0.75	2.61	2.1	2.2	5.2
MSIE4-801-4	0.55	0.75	1420	1.33	1.26	1.22	0.96	83.9	83.9	82.2	0.75	3.70	2.4	2.3	5.2
MSIE4-802-4	0.75	1	1430	1.77	1.68	1.62	1.28	85.7	85.7	84.0	0.75	5.01	2.3	2.3	6.6
MSIE4-90S-4	1.1	1.5	1445	2.52	2.40	2.31	1.82	87.2	87.2	85.5	0.76	7.27	2.3	2.3	6.8
MSIE4-90L-4	1.5	2	1455	3.36	3.19	3.07	2.43	88.2	88.2	86.4	0.77	9.88	2.3	2.3	7.0
MSIE4-100L1-4	2.2	3	1455	4.61	4.38	4.22	3.34	89.5	89.5	87.7	0.81	14.4	2.3	2.3	7.6
MSIE4-100L2-4	3	4	1455	6.15	5.84	5.63	4.45	90.4	90.4	88.6	0.82	19.7	2.3	2.3	7.6
MSIE4-112M-4	4	5.5	1460	8.14	7.73	7.45	5.89	91.1	91.1	89.3	0.82	26.2	2.2	2.3	7.8
MSIE4-132S-4	5.5	7.5	1470	11.0	10.4	10.0	7.96	91.9	91.9	90.1	0.83	35.7	2.0	2.3	7.8
MSIE4-132M-4	7.5	10	1470	14.6	13.9	13.4	10.6	92.6	92.6	90.7	0.84	48.7	2.0	2.3	7.9
MSIE4-160M-4	11	15	1475	21.1	20.0	19.3	15.3	93.3	93.3	91.4	0.85	71.2	2.2	2.3	7.5
MSIE4-160L-4	15	20	1475	28.2	26.8	25.8	20.4	93.9	93.9	92.0	0.86	97.1	2.2	2.3	7.7

SPEED 1000RPM 6POLE 50Hz

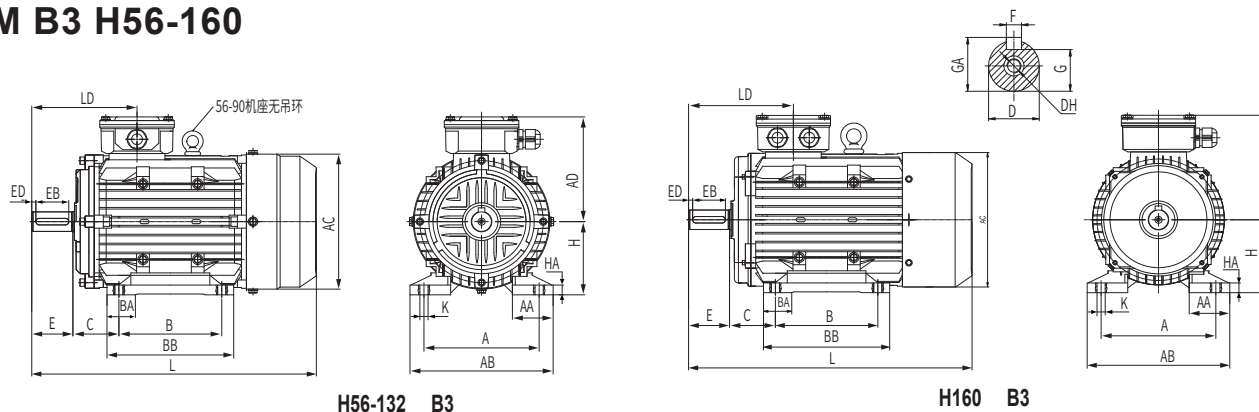
型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP		380V	400V	415V	525V								
MSIE4-632-6	0.12	0.18	860	0.44	0.41	0.41	0.32	69.8	69.8	68.4	0.60	1.33	1.8	1.9	3.5
MSIE4-711-6	0.18	0.25	860	0.56	0.53	0.53	0.41	74.6	74.6	73.1	0.66	2.00	1.9	2.0	4.0
MSIE4-712-6	0.25	0.37	860	0.72	0.68	0.68	0.52	78.1	78.1	76.5	0.68	2.78	1.9	2.0	4.0
MSIE4-801-6	0.37	0.5	895	0.98	0.93	0.93	0.71	81.6	81.6	80.0	0.70	3.95	1.9	2.0	4.7
MSIE4-802-6	0.55	0.75	895	1.38	1.31	1.31	1.00	84.2	84.2	82.5	0.72	5.87	1.9	2.1	4.7
MSIE4-90S-6	0.75	1	950	1.87	1.78	1.78	1.35	85.7	85.7	84.0	0.71	7.54	2.0	2.1	7.5
MSIE4-90L-6	1.1	1.5	955	2.63	2.49	2.49	1.90	87.2	87.2	85.5	0.73	11.0	2.0	2.1	7.5
MSIE4-100L-6	1.5	2	960	3.53	3.36	3.36	2.56	88.4	88.4	86.6	0.73	14.9	2.0	2.1	7.5
MSIE4-112M-6	2.2	3	965	5.04	4.78	4.78	0.36	89.7	89.7	87.9	0.74	21.8	2.0	2.1	7.5
MSIE4-132S-6	3	4	970	6.80	6.46	6.46	4.92	90.6	90.6	88.8	0.74	29.5	2.0	2.1	7.5
MSIE4-132M1-6	4	5.5	975	8.99	8.54	8.54	6.51	91.4	91.4	89.6	0.74	39.2	2.0	2.1	8.0
MSIE4-132M2-6	5.5	7.5	975	12.1	11.5	11.5	8.76	92.2	92.2	90.4	0.75	53.9	2.0	2.1	8.0
MSIE4-160M-6	7.5	10	980	15.5	14.8	14.8	11.2	92.9	92.9	91.0	0.79	73.1	2.0	2.1	8.0
MSIE4-160L-6	11	15	980	22.3	21.2	21.2	16.1	93.7	93.7	91.8	0.80	107.2	2.0	2.1	8.5

SPEED 750RPM 8POLE 50Hz

型号 Model	额定功率 Rated Output		额定转速 Rated Speed	额定电流 Rated Current (A)				效率 100%负载 Efficiency η (100%) load	效率 75%负载 Efficiency η (75%) load	效率 50%负载 Efficiency η (50%) load	功率 因数 Power factor $\cos\phi$	额定 转矩 Rated Torque N·m	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP		380V	400V	415V	525V								
MSIE4-712-8	0.12	0.18	610	0.47	0.45	0.43	0.34	67.4	67.4	66.1	0.57	1.88	1.8	1.9	2.8
MSIE4-801-8	0.18	0.25	655	0.62	0.59	0.57	0.45	71.9	71.9	70.5	0.61	2.62	1.8	1.9	3.3
MSIE4-802-8	0.25	0.37	655	0.83	0.79	0.76	0.60	75.2	75.2	73.7	0.61	3.65	1.8	1.9	3.3
MSIE4-90S-8	0.37	0.5	680	1.18	1.12	1.08	0.85	78.4	78.4	76.8	0.61	5.20	1.8	1.9	4.0
MSIE4-90L-8	0.55	0.75	680	1.70	1.61	1.56	1.23	80.6	80.6	79.0	0.61	7.72	1.8	2.0	4.0
MSIE4-100L1-8	0.75	1	700	2.07	1.97	1.90	1.50	82.0	82.0	80.4	0.67	10.2	1.8	2.0	7.0
MSIE4-100L2-8	1.1	1.5	700	2.88	2.74	2.64	2.08	84.0	84.0	82.3	0.69	15.0	1.8	2.0	7.0
MSIE4-112M-8	1.5	2	710	3.81	3.62	3.49	2.76	85.5	85.5	83.8	0.70	20.2	1.8	2.0	7.0
MSIE4-132S-8	2.2	3	720	5.40	5.13	4.94	3.91	87.2	87.2	85.5	0.71	29.2	1.8	2.0	7.5
MSIE4-132M-8	3	4	720	7.06	6.71	6.47	5.11	88.4	88.4	86.6	0.73	39.8	1.8	2.0	7.8
MSIE4-160M1-8	4	5.5	730	9.31	8.85	8.53	6.74	89.4	89.4	87.6	0.73	52.3	1.9	2.0	7.9
MSIE4-160M2-8	5.5	7.5	730	12.5	11.9	11.4	9.05	90.4	90.4	88.6	0.74	72.0	1.9	2.0	8.1
MSIE4-160L-8	7.5	10	730	16.6	15.8	15.2	12.0	91.3	91.3	89.5	0.75	98.1	1.9	2.0	7.8

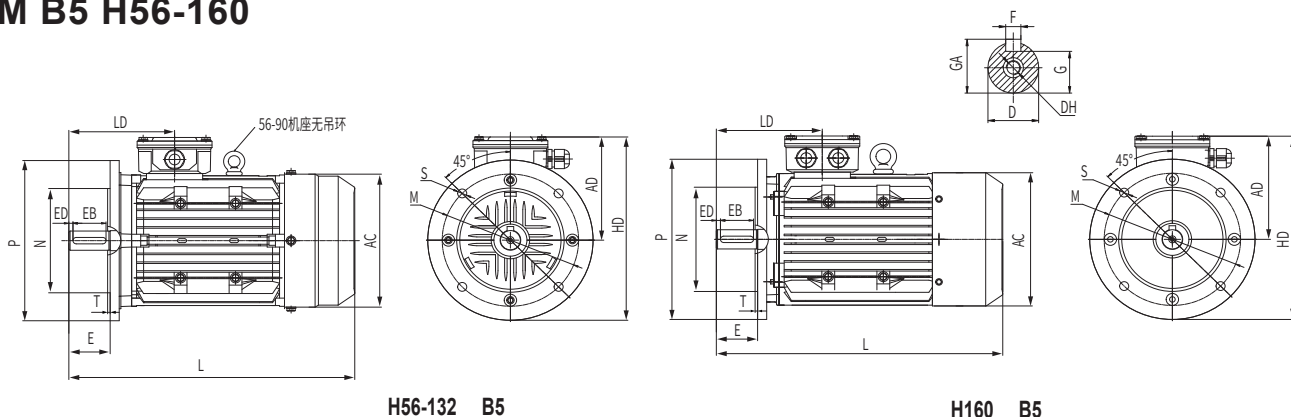
IE4 (MS) 安装及外形尺寸 Mounting and Overall Dimensions

IM B3 H56-160



型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	L	LD
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	199	83
63	100	24	123	120	102	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	217	95.5
71	112	26	138	136	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	245	110.5
80	125	35	157	158	129	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	290	115
90s	140	37	173	175	40	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	325	145
90L	140	37	173	175	140	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	350	145
100L	160	40	196	198	156	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	398	148.5
112M	190	40	227	225	176	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	427	162
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	445	180
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	483	180
160M	254	55	304	315	242	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	589	268.5
160L	254	55	304	315	242	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	633	268.5

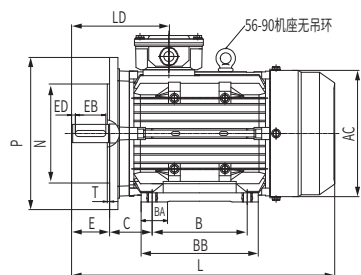
IM B5 H56-160



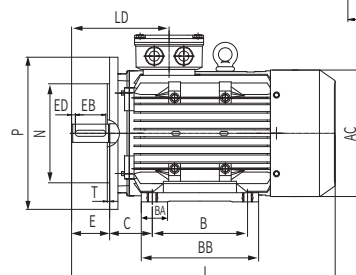
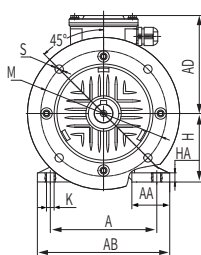
型号 Type	AC	AD	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LA	LB	LD	M	N	P	S	T
56	113	96	9	M4X12	20	16	2	3	7.2	10.2	156	1-M20X1.5	199	8	179	83	100	80	120	7	3
63	120	102	11	M4X12	23	16	3.5	4	8.5	12.5	172	1-M20X1.5	217	10	194	95.5	115	95	140	10	3
71	136	109	14	M5X12	30	25	2.5	5	11	16	189	1-M20X1.5	245	10	215	110.5	130	110	160	10	3.5
80	158	129	19	M6X16	40	30	5	6	15.5	21.5	229	1-M25X1.5	290	12	250	115	165	130	200	12	3.5
90S	175	140	24	M8X19	50	40	5	8	20	27	240	1-M25X1.5	325	12	275	145	165	130	200	12	3.5
90L	175	140	24	M8X19	50	40	5	8	20	27	240	1-M25X1.5	350	12	300	145	165	130	200	12	3.5
100L	198	156	28	M10X22	60	50	5	8	24	31	281	1-M32X1.5	398	13	338	148.5	215	180	250	14.5	4
112M	225	176	28	M10X22	60	50	5	8	24	31	301	2-M32X1.5	447	14	387	162	215	180	250	14.5	4
132S	258	188	38	M12X28	80	65	7.5	10	33	41	338	2-M32X1.5	475	14	395	180	265	230	300	14.5	4
132M	258	188	38	M12X28	80	65	7.5	10	33	41	338	2-M32X1.5	513	14	433	180	265	230	300	14.5	4
160M	315	242	42	M16X36	110	90	10	12	37	45	417	2-M40X1.5	609	15	499	268.5	300	250	350	18.5	5
160L	315	242	42	M16X36	110	90	10	12	37	45	417	2-M40X1.5	653	15	543	268.5	300	250	350	18.5	5

IE4 (MS) 安装及外形尺寸 Mounting and Overall Dimensions

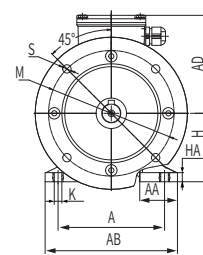
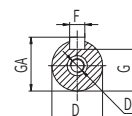
IM B35 H56-160



H56-132 B35

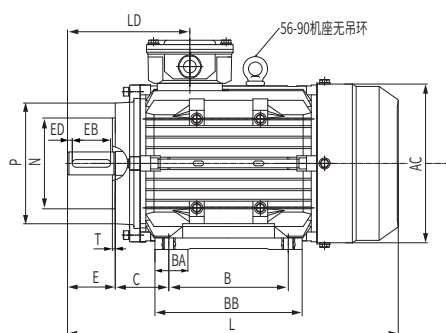


H160 B35

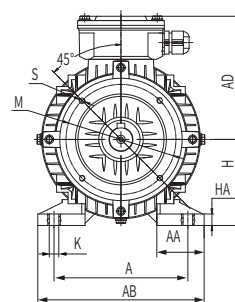
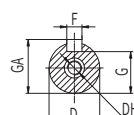


型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LD	M	P	S	T
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	8	100	80	7	3
63	100	24	123	120	102	80	25.5	10	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	10	115	95	10	3
71	112	26	138	136	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	10	130	110	10	3.5
80	125	35	157	158	129	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	12	165	130	12	3.5
90s	140	37	173	175	140	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	12	165	130	12	3.5
90L	140	37	173	175	140	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	12	165	130	12	3.5
100L	160	40	196	198	156	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	13	215	180	14.5	4
112M	190	40	227	219	176	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	447	14	215	180	14.5	4
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	475	14	265	230	14.5	4
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	513	14	265	230	14.5	4
160M	254	55	304	315	242	210	50	260	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	609	15	300	250	18.5	5
160L	254	55	304	315	242	254	50	304	108	42	M16X36	110	90	10	12	37	45	160	18	15X18	2-M40X1.5	653	15	300	250	18.5	5

IM B34 H56-132



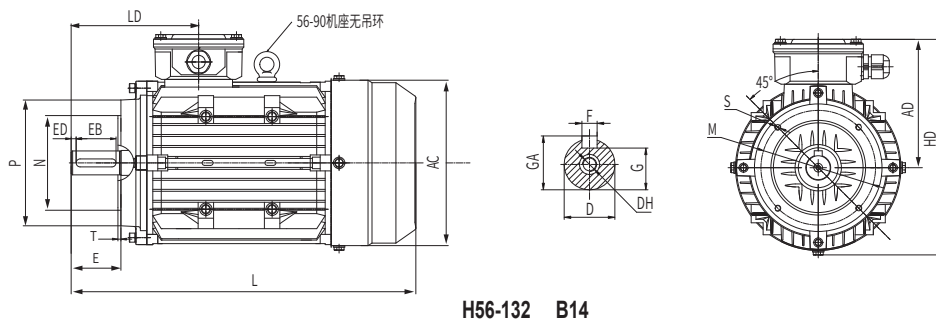
H56-132 B34



型号 Type	A	AA	AB	AC	AD	B	BA	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	METRIC	L	LB	LD	M	N	P	S	T
56	90	23	111	113	96	71	22.5	88	36	9	M4X12	20	16	2	3	7.2	10.2	56	7	5.8X8.3	1-M20X1.5	199	179	83	65	50	84	M5	3
63	100	24	123	120	102	80	25.5	100	40	11	M4X12	23	16	3.5	4	8.5	12.5	63	7	7X9.5	1-M20X1.5	217	194	95.5	75	60	90	M5	3
71	112	26	138	136	109	90	27.5	110	45	14	M5X12	30	25	2.5	5	11	16	71	8	7X11	1-M20X1.5	245	215	110.5	85	70	105	M6	3
80	125	35	157	158	129	100	31	125	50	19	M6X16	40	30	5	6	15.5	21.5	80	8	10X14	1-M25X1.5	290	250	115	100	80	120	M6	3
90s	140	37	173	175	140	100	31.5	125	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	325	275	145	115	95	138	M8	3
90L	140	37	173	175	140	125	31.5	150	56	24	M8X19	50	40	5	8	20	27	90	10	10X14	1-M25X1.5	350	300	145	115	95	138	M8	3
100L	160	40	196	198	156	140	39	172	63	28	M10X22	60	50	5	8	24	31	100	11	12X16	1-M32X1.5	398	338	148.5	130	110	160	M8	4
112M	190	40	227	225	176	140	43	180	70	28	M10X22	60	50	5	8	24	31	112	12	12X16	2-M32X1.5	427	334	162	130	110	160	M8	4
132S	216	51	262	258	188	140	46	186	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	445	365	180	165	130	200	M10	5
132M	216	51	262	258	188	178	46	224	89	38	M12X28	80	65	7.5	10	33	41	132	15	12X16	2-M32X1.5	483	403	180	165	130	200	M10	5

IE4 (MS) 安装及外形尺寸 Mounting and Overall Dimensions

IM B14 H56-132



H56-132 B14

型号 Type	AC	AD	D	DH	E	EB	ED	F	G	GA	HD	METRIC	L	LB	LD	M	P	S	T
56	113	96	9	M4X12	20	16	2	3	7.2	10.2	152.5	1-M20X1.5	199	179	83	65	84	M5	3
63	120	102	11	M4X12	23	16	3.5	4	8.5	12.5	162	1-M20X1.5	217	194	95.5	75	90	M5	3
71	136	109	14	M5X12	30	25	2.5	5	11	16	177	1-M20X1.5	245	215	110.5	85	105	M6	3
80	158	129	19	M6X16	40	30	5	6	15.5	21.5	208	1-M25X1.5	290	250	115	100	120	M6	3
90S	175	140	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	325	275	145	115	138	M8	3
90L	175	140	24	M8X19	50	40	5	8	20	27	227.5	1-M25X1.5	350	300	145	115	138	M8	3
100L	198	156	28	M10X22	60	50	5	8	24	31	255	1-M32X1.5	398	338	148.5	130	160	M8	4
112M	225	176	28	M10X22	60	50	5	8	24	31	291	2-M32X1.5	427	334	162	130	160	M8	4
132S	258	188	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	445	365	180	165	200	M10	5
132M	258	188	38	M12X28	80	65	7.5	10	33	41	317	2-M32X1.5	483	403	180	165	200	M10	5