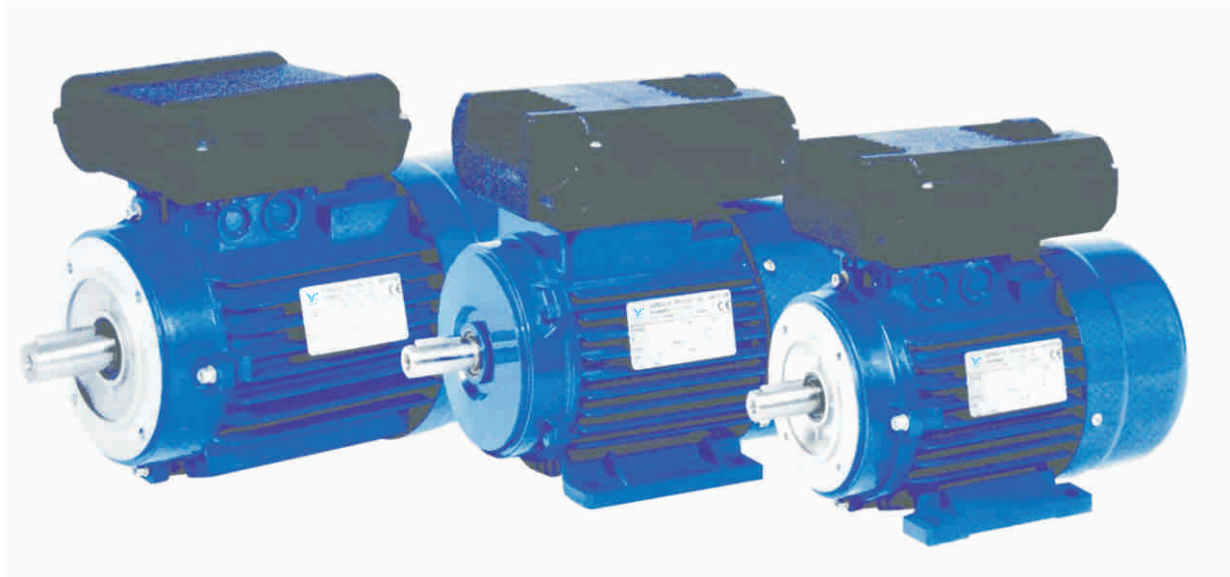




# MC MY ML 系列单相铝壳异步电动机



永达盛系列ML, MC, MY系列单相铝壳电机具有公认质量和可靠性,它适合驱动为家庭作坊式的小型机床,水泵等特别的地方,只有单相电流供应的使用环境.

MC: 电容起动系列。

MY: 电容器运行系列。

ML: 双电容系列。

该系列电动机大小完全符合IEC.DIN标准,完全封闭的风扇冷却。轻建筑,顶部安装的接线盒,IP55防护,为IC411冷却,脚或法兰安装从56-112,额定电压为220V 50HZ

YDS series ML, MC, MY single-phase aluminum motors are acknowledged as having a name for quality and reliability. They are suitable for driving small type machine tools, water pumps, etc specially for family workshops where only single-phase current supply is available.

MC: capacitor start series.

MY: capacitor run series.

ML: dual capacitor series.

Single phase motors incorporate Superior finish motor size acc.to IEC.DIN. totally enclosed fan cooled. Light construction,top mounted terminal box,IP55 protection,IC411 cooling, Choice of foot or flange mounting frame size from 56112, rated at 220V 50Hz



# MC MY ML SERIES THREEPHASE TEFC ALUMINUM INDUCTION MOTORS

## MC技术数据 TECHNICAL SPECIFICATIONS

电机规格 Model Type	功率 Rated Output Power KW	电 流 Current 400V A	额定转速 Rated Speed min	功率因数 Full-load Power factor cos Φ	效率 Full-load Eff n %	堵转电流 额定电流 Locked Rotor Current IS/IN	堵转转矩 额定转矩 Locked Rotor Current Ms/Mn	最大转矩 额定转矩 Break Down Torque Mk/Mn	起动电容 Starting capacitor (250) nf	净重 Net Weight Kg
MC7112	0.18	1.89	2750	0.72	60	6.25	3.0	1.8	75	6.2
MC7112	0.25	2.40	2770	0.74	64	6.24	3.0	1.8	75	6.3
MC8012	0.37	3.36	2800	0.77	65	6.24	2.8	1.8	100	8.3
MC8022	0.55	4.65	2810	0.79	68	6.10	2.8	1.8	150	9.0
MC90S-2	0.75	5.94	2820	0.82	70	7.20	2.5	1.8	200	12.5
MC80L-2	1.10	8.37	2820	0.83	72	7.20	2.5	1.8	300	14.0
MC100LA-2	1.50	11.10	2830	0.84	73	7.65	2.5	1.8	400	22.5
MC100LB-2	2.20	15.70	2830	0.85	75	7.10	2.2	1.8	2×300	22.5
MC112M-2	3.00	21.10	2840	0.85	76	4.80	2.2	1.8	2×300	26.0
MC7114	0.12	1.88	1350	0.58	50	4.80	3.0	1.8	75	6.1
MC7124	0.18	2.49	1370	0.62	53	4.80	2.8	1.8	75	6.7
MC8014	0.25	3.11	1400	0.63	58	5.00	2.8	1.8	100	8.9
MC8024	0.37	4.24	1410	0.64	62	5.20	2.5	1.8	100	9.6
MC90S-4	0.55	5.49	1420	0.69	66	5.50	2.5	1.8	150	12.5
MC90L-4	0.75	6.87	1420	0.73	68	6.40	2.5	1.8	200	15.0
MC100LA-4	1.10	9.52	1430	0.74	71	6.40	2.5	1.8	400	23.0
MC100LB-4	1.50	12.50	1430	0.75	73	6.80	2.5	1.8	400	27.0
MC112M-4	2.20	17.80	1440	0.76	74	3.20	2.2	1.8	2×300	35.0

## MY技术数据 TECHNICAL SPECIFICATIONS

电机规格 Model Type	功率 Rated Output Power KW	电 流 Current 400V A	额定转速 Rated Speed min	功率因数 Full-load Power factor cos Φ	效率 Full-load Eff n %	堵转电流 额定电流 Locked Rotor Current IS/IN	堵转转矩 额定转矩 Locked Rotor Current Ms/Mn	最大转矩 额定转矩 Break Down Torque Mk/Mn	起动电容 Starting capacitor (250) nf	净重 Net Weight Kg
MY5614	0.09	0.79	2730	0.92	56	3.50	0.50	1.7	6	3.2
MY5624	0.12	0.99	2730	0.92	60	3.70	0.50	1.7	6	3.4
MY6312	0.18	1.37	2740	0.92	65	3.70	0.40	1.7	6	3.9
MY6322	0.25	1.87	2740	0.92	66	3.70	0.40	1.7	8	4.4
MY7112	0.37	2.73	2750	0.92	77	3.90	0.35	1.7	12	6.2
MY7122	0.55	3.88	2760	0.92	70	3.90	0.35	1.7	16	6.3
MY8012	0.75	5.15	2780	0.92	72	4.30	0.33	1.7	32	8.3
MY8022	1.10	7.02	2790	0.95	75	4.80	0.33	1.7	35	9.0
MY90S-2	1.50	9.44	2800	0.95	76	4.80	0.30	1.7	40	13
MY90L-2	2.20	13.70	2800	0.95	77	3.30	0.30	1.7	40	15
MY5614	0.06	0.61	1330	0.90	50	2.90	0.46	1.7	6	3.2
MY5624	0.09	0.87	1340	0.90	52	3.20	0.46	1.7	6	3.4
MY6314	0.12	1.06	1350	0.90	67	3.30	0.40	1.7	6	4.0
MY6324	0.18	1.54	1360	0.90	59	3.40	0.40	1.7	8	4.5
MY7114	0.25	2.02	1370	0.92	61	3.40	0.35	1.7	12	6.1
MY7124	0.37	2.95	1370	0.92	62	3.50	0.35	1.7	16	7.0
MY8014	0.55	4.25	1380	0.92	64	3.70	0.35	1.7	25	9.5
MY8024	0.75	5.45	1380	0.92	68	4.00	0.32	1.7	30	10
MY90S-4	1.10	7.41	1390	0.95	71	4.60	0.32	1.7	40	13
MY90L-4	1.50	9.83	1400	0.95	73		0.30	1.7	40	16



## ML技术数据 TECHNICAL SPECIFICATIONS

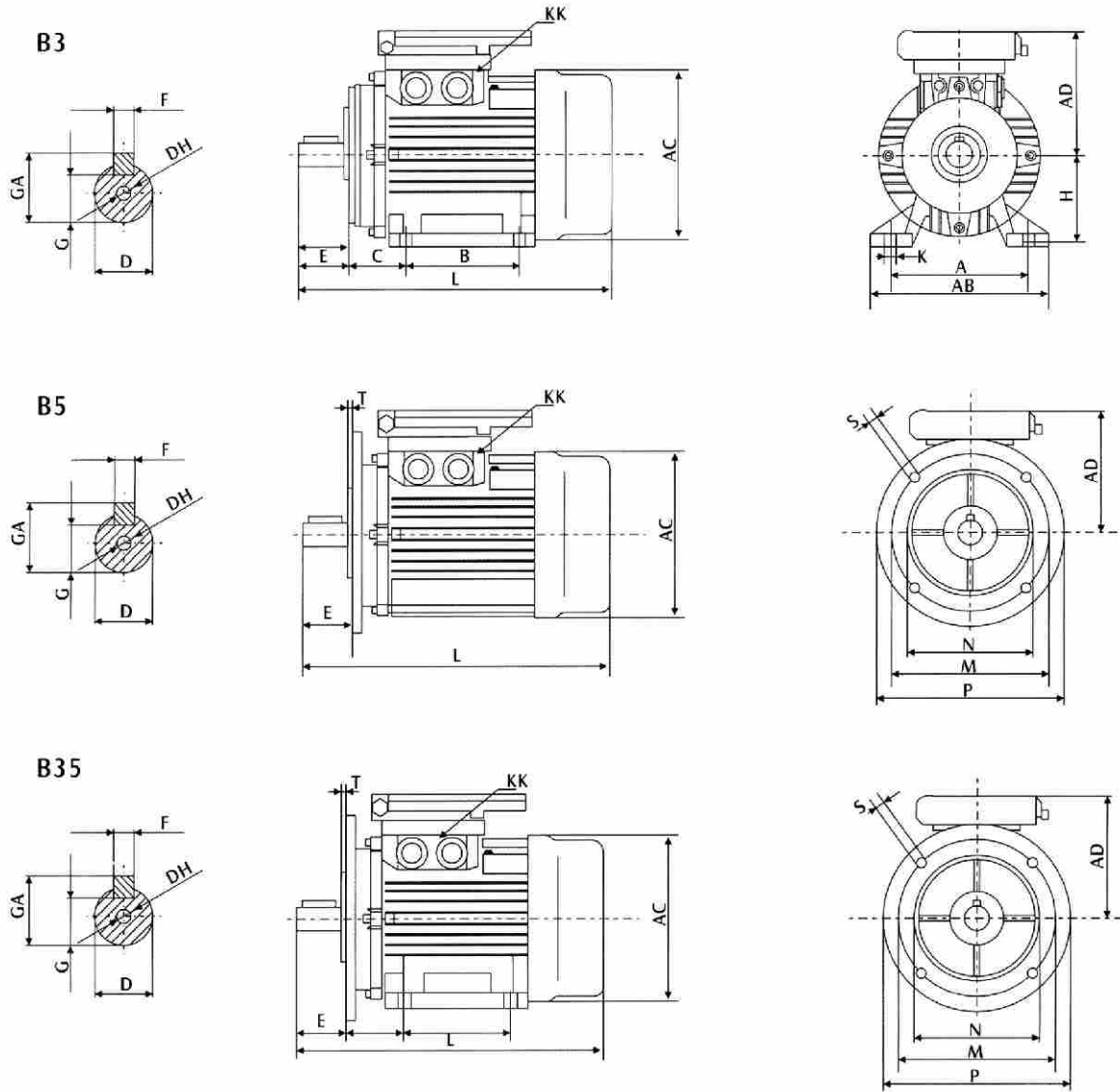
电机规格 Model Type	功率 Rated Output Power KW	电 流 Current 400V A	额定转速 Rated Speed min	功率因数 Full-load Power factor $\cos \Phi$	效率 Full-load Eff $\eta$ %	堵转电流 额定电流 Locked Rotor Current IS/IN	堵转转矩 额定转矩 Locked Rotor Current Ms/Mn	最大转矩 额定转矩 Break Down Torque Mk/Mn	电容capacitor		净重 Net Weight Kg
									启动 Starting (250V) $\eta_f$	运转 running (250V) $\eta_f$	
MI8012	0.75	4.94	2800	0.92	75	5.7	1.8	1.7	100	25	8.3
MI8022	1.10	6.75	2800	0.95	78	5.6	1.8	1.7	150	25	9.0
ML90S-2	1.50	9.20	2800	0.95	78	6.0	1.7	1.7	300	40	12.5
ML90L-2	2.20	12.8	2800	0.95	72	6.2	1.7	1.7	300	40	14.0
ML100L1-2	3.00	17.3	2820	0.95	83	6.4	1.7	1.7	400	55	20.5
ML112M-2	3.70	21.1	2820	0.96	83	6.5	1.7	1.7	400	50	26
MI8014	0.55	3.88	1400	0.92	70	5.4	1.8	1.7	100	25	8.9
MI8024	1.75	5.22	1400	0.92	71	5.5	1.8	1.7	150	30	9.6
ML90S-4	1.10	6.93	1400	0.95	76	5.7	1.7	1.7	200	35	13
ML90L4	1.50	9.20	1400	0.95	78	6.0	1.7	1.7	200	40	16
ML100LA-4	2.20	13.2	1410	0.95	80	6.1	1.7	1.7	400	50	23
ML100LB-4	3.00	17.3	1420	0.95	83	6.4	1.7	1.7	400	50	27
ML122M-4	3.70	21.1	1430	0.96	83	6.5	1.7	1.7	40	50	35

## 安装方式 MOUNTING ARRANGENTS

结构型式 Types of Mounting	IEC34-7 代码 I Code I	1992 代码 II Code II	结构型式 Types of Mounting	IEC34-7 代码 I Code I	1992 代码 II Code II
	IMB3	Im1001		IMV1	Im3011
	IMB5	IM3001		IMV3	IM1011
	IMB6	IM1051		IMV5	IM1031
	IMB7	IM1061		IMV6	IM2011
	IMB8	IM1071		IMV15	IM1211
	IMB14	IM3061		IMV15	IM3611
	IMB34	IM2101		IMV18	IM3631
	IMB35	IM2001		IMV36	IM2031
	IMV1	Im3011		IMV36	Im2131



外形安装尺寸图 MOUNTING AND OVERALL DIMENSIONS



机座号 Frame size																					Flange no.	GA
	A	AB	AC	AD	B	C	D	DH	E	F	G	H	K	KK	L	M	N	P	S	T		
56	90	110	110	96	71	36	9	M4×12	20	3	7.2	56	7	2-M18×1.5	193	100	80	120	7	3.0	Ff100	102
63	100	122	122	99	80	40	11	M4×12	23	4	8.5	63	7	2-M18×1.5	218	115	95	140	9	3.0	FF115	125
71	112	136	138	110	90	45	14	M5×12	30	5	11	71	7	2-M18×1.5	251	130	110	160	9	3.5	FF130	160
80	125	154	157	152	100	50	19	M6×16	40	6	15.5	80	10	2-M20×1.5	286	165	130	200	12	3.5	FF165	215
90S	140	174	175	158	100	56	24	M8×19	50	8	20	90	10	2-M20×1.5	335	165	130	200	12	3.5	FF165	270
90L	140	174	175	158	125	56	24	M8×19	50	8	20	90	10	2-M20×1.5	350	165	130	200	12	3.5	FF165	270
100L	160	194	196	177	140	63	28	M10×22	60	8	24	100	12	2-M20×1.5	377	215	180	250	15	4.0	FF215	310
112M	190	224	220	184	140	70	28	M10×2	60	8	24	112	12	2-M20×1.5	395	215	180	250	15	4.0	FF215	310



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									启动 Starting (250V) $\eta_f$	运转 running (250V) $\eta_f$	
MI8012	0.75	4.94	2800	0.92	75	5.7	1.8	1.7	100	25	8.3
MI8022	1.10	6.75	2800	0.95	78	5.6	1.8	1.7	150	25	9.0
ML90S-2	1.50	9.20	2800	0.95	78	6.0	1.7	1.7	300	40	12.5
ML90L-2	2.20	12.8	2800	0.95	72	6.2	1.7	1.7	300	40	14.0
ML100L1-2	3.00	17.3	2820	0.95	83	6.4	1.7	1.7	400	55	20.5
ML112M-2	3.70	21.1	2820	0.96	83	6.5	1.7	1.7	400	50	26
MI8014	0.55	3.88	1400	0.92	70	5.4	1.8	1.7	100	25	8.9
MI8024	1.75	5.22	1400	0.92	71	5.5	1.8	1.7	150	30	9.6
ML90S-4	1.10	6.93	1400	0.95	76	5.7	1.7	1.7	200	35	13
ML90L4	1.50	9.20	1400	0.95	78	6.0	1.7	1.7	200	40	16
ML100LA-4	2.20	13.2	1410	0.95	80	6.1	1.7	1.7	400	50	23
ML100LB-4	3.00	17.3	1420	0.95	83	6.4	1.7	1.7	400	50	27
ML122M-4	3.70	21.1	1430	0.96	83	6.5	1.7	1.7	40	50	35

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	IMB8	IM1071		IMV15	IM1211
	IMB14	IM3061		IMV15	IM3611
	IMB34	IM2101		IMV18	IM3631
	IMB35	IM2001		IMV36	IM2031
	IMV1	Im3011		IMV36	Im2131