



Specialised Air Motors and Transmission

"The Brand You Can Trust"

Single Phase AC Electric Motors



Specifications

- Single Phase
- Available in 2, 4, 6 pole
- Power range between 0.09kW to 7.5kW
- Cap-start and Cap-run
- Suitable for all applications

High Quality Inclusions

- IP55 enclosure (IP54 on request)
- High strength cable gland
- Made to heavy duty service factors
- Made for continuous S1 duty
- Vacuum impregnated class B insulation (Class F insulation on request)

Special Features

- High performance and efficiency
- Water, dust and vermin resistant
- Quiet operation
- Multiple feet locations
- B3, B5, B14, multi-mount arrangement
- Ideal general purpose motor

Casings

- Aluminium frame, end shields and base
- Superior paint finish
- Corrosion resistant

Applications

- Hoists/ Winches
- Compressors
- Conveyor Drives
- Pump Drives
- Automation Devices
- Food/Pharmacy packaging
- Pulley drives
- Multi-speed
- Food

TONSON AUSTRALIA Pty Ltd

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TONSON[®]

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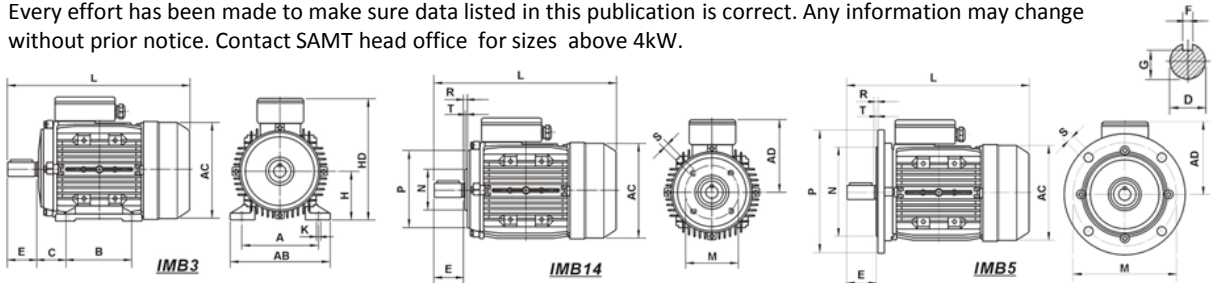
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Model	Power		Voltage (V)	Current (A)	Speed (RPM)	Eff (%)	Power Factor	Rated Torque		Starting Current	Net Weight (Kg)
	HP	kW						Locked Rotor Torque	Max Torque		
ML631-2	0.25	0.18	240	1.43	2800	60	0.92	1.8	1.8	7.8	5.3
ML632-2	0.34	0.23	240	1.91	2800	63	0.92	1.8	1.8	10.8	5.6
ML711-2	0.5	0.37	240	2.73	2800	67	0.92	2.3	1.8	16	7
ML712-2	0.75	0.55	240	3.88	2800	70	0.92	2.5	1.8	21	8
ML801-2	1	0.75	240	5.15	2800	72	0.92	2.5	1.8	30	8.5
ML802-2	1.5	1.1	240	7.02	2800	75	0.95	2.5	1.8	40	9.5
ML90S-2	2	1.5	240	9.44	2800	76	0.95	2.5	1.8	55	12.5
ML90L-2	3	2.2	240	13.67	2800	77	0.95	2.5	1.8	80	14
ML100L-2	4	3	240	18.2	2880	79	0.95	2.5	1.8	110	20.5
ML112M-2	5.5	4	240	22.5	2800	78	0.95	2.5	1.8	146	32
ML631-4	0.16	0.12	240	1.24	1400	55	0.90	1.8	1.8	5.7	5.3
ML632-4	0.25	0.18	240	1.43	1400	56	0.90	1.8	1.8	8.64	5.5
ML711-4	0.34	0.25	240	1.99	1400	62	0.92	2.5	1.8	12	6.9
ML712-4	0.5	0.37	240	2.81	1400	65	0.92	2.5	1.8	16	8.1
ML801-4	0.75	0.55	240	4.0	1400	68	0.92	2.5	1.8	21	8.9
ML802-4	1	0.75	240	5.22	1400	71	0.92	2.5	1.8	30	9.6
ML90S-4	1.5	1.1	240	7.2	1400	73	0.95	2.5	1.8	40	13
ML90L-4	2	1.5	240	9.57	1400	75	0.95	2.5	1.8	55	16
ML100L1-4	3	2.2	240	13.9	1400	76	0.95	2.5	1.8	80	21
ML100L2-4	4	3	240	18.6	1400	77	0.95	2.5	1.8	110	27
ML112M-4	5.5	4	240	22	1400	79	0.95	2.5	1.8	146	35

Every effort has been made to make sure data listed in this publication is correct. Any information may change without prior notice. Contact SAMT head office for sizes above 4kW.



Frame Size	IMB3										IMB14						IMB5						All Dimensions in mm				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L	
63	100	80	40	11	23	4	8.5	63	7	75	60	90	0	M5	2.5	115	95	140	0	10	3.0	130	130	115	190	230	
71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	125	210	255	
80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3.0	165	130	200	0	12	3.5	160	165	135	240	295	
90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	270	335	
90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	270	360	
100L	160	140	63	28	60	8	24	100	12	-	-	-	-	-	-	215	180	250	0	15	4.0	205	215	170	280	380	
112M	190	140	70	28	60	8	24	112	12	-	-	-	-	-	-	215	180	250	0	15	4.0	145	240	180	310	400	

Note: All images are for illustration purposes only, actual colours and types may vary

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