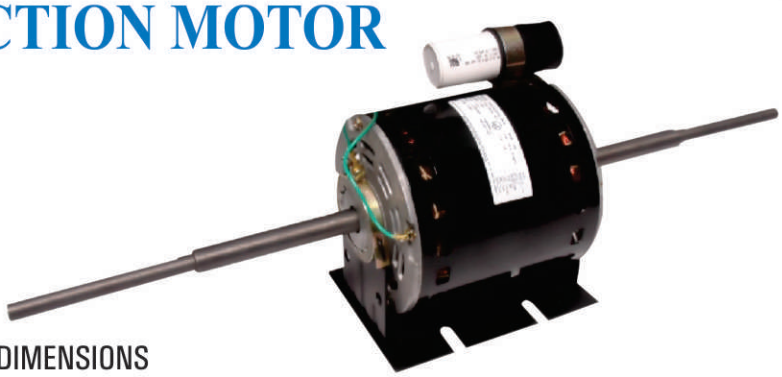
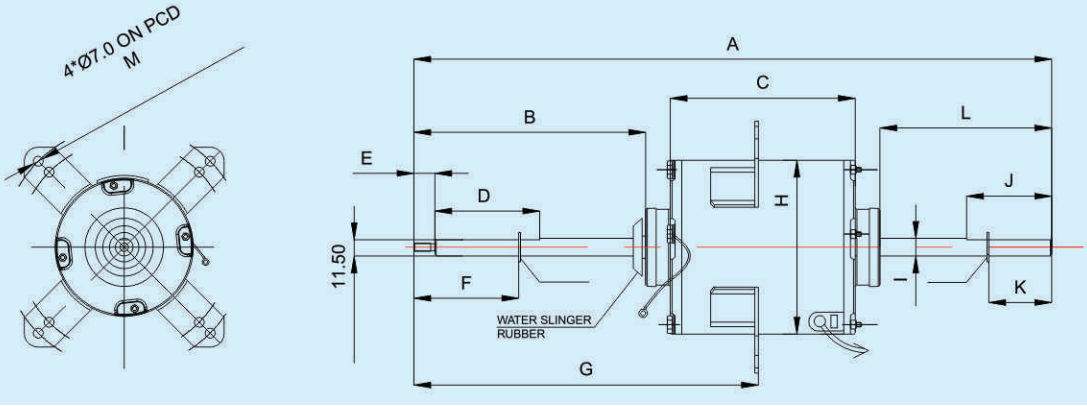
AIRCON INDUCTION MOTOR



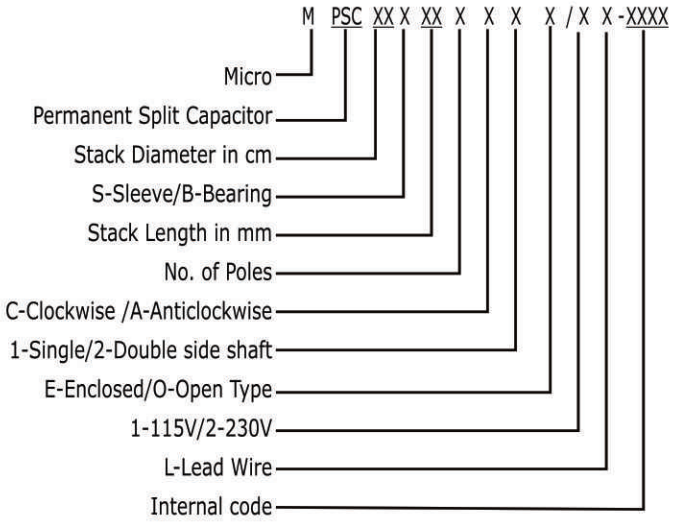
MECHANICAL DIMENSIONS

Model No.	A	b	C	D	E	F	G	H	I	J	K	L	M
12B204C1E/2L-EH41	186	88	98	14	16	–	150	124.5	12.7	–	–	–	3*ø7.0 on PCD 168
12B206A2E/2L-EH7	494	184	98	70	–	–	–	124.5	12.7	70	–	184	–
12B254C1E/2L-EJ3	186	88	98	14	16	–	–	124.5	12.7	–	–	–	3*ø7.0 on PCD 168
12B206A1E/2L-EH38	186	74	98	28.5	10	38.5	138	124.5	12.7	---	---	–	152/174
12B204A1E/2L-EH52	186	74	98	28.5	10	38.5	138	124.5	12.7	–	–	–	152/174
12B206A1E/2L-EH20	170	58	98	32	10	40.5	121	124.5	12.7	–	–	–	152/174
12B304A1E/2L-EK29	212	114	98	21	16.5	–	189.5	124.5	12.7	–	–	–	3*ø7.0 on PCD 168
12B326A1E/2L-EL27	193	74	105	34	10	44	138	124.5	12.7	–	–	–	152/174
12B204C1E/2L-EH19	168	40	98	31	–	–	–	124.5	12.7	–	–	–	–
12B204A1S/1L-EH34	136	38	98	32	–	–	–	124.5	12.7	–	–	–	–
12B356A1E/2L-EU10	201	82	105	40	10	46.5	146	124.5	12.7	–	–	–	152/174
12B204A1E/2L-EH1	208	82	98	38	15	–	154	124.5	12.7	–	–	–	3*ø6.0 on PCD 149
12B386A2E/2L-EL18	361	140.5	118	63	–	–	–	124.5	12.7	51	42	70.5	–
12B384A1E/2L-EM15	248	102	118	65	–	–	166	124.5	12.7	–	–	–	147
12S386A2E/2L-EM36	336	132	102	55	15	41.5	185	124.5	12.7	51	39.5	102	–
14B256A1S/1L-FJ1	210	92	98	76.5	–	–	158	142.5	12.7	–	–	–	3*ø11.0 on PCD 278
12B384A1E/2L-EM1	211	65	118	50	–	–	139	124.5	12.7	–	–	–	4*ø8.0 on PCD 240.5
12B386C2E/2L-EM6	305	103.5	105	35	14	–	–	124.5	12.7	25.5	–	68	–
12B384A2E/2L-EM12	488	178	105	80	–	–	–	124.5	12.7	80	–	178	–
12B506C20/2L-EP5	181	25.5	118	19.5	–	19.5	–	124.5	12.7	30.8	30.8	38	–
12B506C20/2L-EP6	181	25.5	118	91.5	–	19.5	–	124.5	12.7	30.8	30.8	38	–
12B454C1E/2L-EN10	350	204	118	120	–	–	–	124.5	12.7	–	–	–	–
14B506A1E/2L-FP1	260	110	123	65	–	–	–	142.5	12.7	–	–	–	–
14B504A1E/2L-FP53	260	110	123	65	–	–	–	142.5	12.7	–	–	–	...
14B506A1E/2L-FP7	260	110	123	63.5	–	–	–	142.5	12.7	–	–	–	–
14B502A1S/2L-FP20	276	23	241	–	–	–	–	142.5	15.87	–	–	–	–
14B502A1S/2L-FP22	276	23	241	–	–	–	–	142.5	15.87	–	–	–	–
14B754A1S/2L-FW2	276	23	241	–	–	–	–	142.5	15.87	–	–	–	–
14B754A1S/2L-FW3	276	23	241	–	–	–	–	142.5	15.87	–	–	–	–
14B706A1S/2L-FR03	257	80	152	60	–	–	–	142.5	17	–	–	–	–
14B704A10/2L-FR02	253	76	152	50	–	–	–	142.5	17	–	–	–	–
14B704C1S/2L-FR08	410	234	152	110	–	–	–	142.5	17	–	–	–	–
14B954C20/2L-FT1	660	227	182	120	–	–	–	142.5	17	120	–	227	–
14B956C20/2L-FT54	660	227	182	120	–	–	–	142.5	17	120	–	227	–
165B906A1E/2L-HS1	281	69	182	60	–	–	–	168	17	–	–	–	–



AIRCON INDUCTION MOTOR

H.P., POLES	MODELS NO.	OPERATING VOLTAGE/ FREQUENCY	CURRENT (FULL LOAD) AMPS	POWER (FULL LOAD) WATTS	SPEED (FULL LOAD) RPM	TORQUE (N-M)	CAP 440 V	NO. OF SPEEDS
1/25H.P, 4POLE	12B204C1E/2L-EH41	230/50	0.27	62	1100/1000/900/800	0.28	2	4
1/25H.P, 6POLE	12B206A2E/2L-EH7	230/50	0.38	80	920/860/800	0.33	2	3
1/20H.P, 4POLE	12B254C1E/2L-EJ3	230/50	0.33	78	1200/1100/1000/900	0.38	2	47
1/20H.P, 6POLE	12B206A1E/2L-EH38	230/50	0.27	88	900	0.45	2.5	1
1/15H.P, 4POLE	12B204A1E/2L-EH52	230/50	0.47	105	1300	0.48	5	1
1/15H.P, 6POLE	12B206A1E/2L-EH20	230/50	0.5	120	900	0.52	4	1
1/12H.P, 4POLE	12B304A1E/2L-EK29	230/50	0.58	128	1150	0.52	4	1
1/12H.P, 6POLE	12B326A1E/2L-EL27	230/50	0.52	115	890	0.66	3.15	1
1/10H.P, 4POLE	12B204C1E/2L-EH19	230/50	0.62	141	1350	0.51	4	1
1/10H.P, 4POLE	12B204A1S/1L-EH34	115/60	1.44	153	1375/1150	0.51	10	2
1/10H.P, 6POLE	12B356A1E/2L-EU10	230/50	0.7	155	865	0.83	4	1
1/8H.P, 4POLE	12B204A1E/2L-EH1	230/50	0.9	200	1180	0.8	5	1
1/8H.P, 6POLE	12B386A2E/2L-EL18	230/50	0.84	190	920/885/850	0.94	6	3
1/7H.P, 4POLE	12B384A1E/2L-EM15	230/50	1	224	1100	0.93	6	1
1/7H.P, 6POLE	12S386A2E/2L-EM36	230/50	0.87	205	910/875/840	1.1	6	3
1/7H.P, 6POLE	14B256A1S/1L-FJ1	127/60	2.09	224	1075/900	1.05	4	2
1/6H.P, 4POLE	12B384A1E/2L-EM1	230/50	1.06	234	1400	1.1	6	1
1/6H.P, 6POLE	12B386C2E/2L-EM6	230/50	1.09	231	900/750/700	1.4	5	3
1/5H.P, 4POLE	12B384A2E/2L-EM12	230/50	0.95	214	1300/1250/1200/1150/1100	0.95	8	5
1/5H.P, 6POLE	12B506C2O/2L-EP5	230/50	1.2	271	900	1.48	6	1
1/5H.P, 6POLE	12B506C2O/2L-EP6	115/60	2.05	232	1100	1.24	1.5	1
1/4H.P, 4POLE	12B454C1E/2L-EN10	230/50	1.35	328	1300/1200/1100	1.5	8	3
1/4H.P, 6POLE	14B506A1E/2L-FP1	230/50	1.4	307	900	2.1	6	1
1/3H.P, 4POLE	14B504A1E/2L-FP53	230/50	1.9	425	1300/1200/1100	2.4	8	3
1/3H.P, 6POLE	14B506A1E/2L-FP7	230/50	1.8	400	900	2.6	8	1
1/2H.P, 2POLE	14B502A1S/2L-FP20	230/50	2.68	594	2800	1.37	12.5	1
1/2H.P, 2POLE	14B502A1S/2L-FP22	115/60	5.33	572	3300	1.09	45	1
1/2H.P, 4POLE	14B754A1S/2L-FW2	230/50	2.69	597	1350	2.78	12.5	1
1/2H.P, 4POLE	14B754A1S/2L-FW3	115/60	5.4	580	1600	2.4	45	1
1/2H.P, 6POLE	14B706A1S/2L-FR03	230/50	3.2	660	920	3.2	15	1
2/3H.P, 4POLE	14B704A1O/2L-FR02	230/50	3.25	745	1350/1200/1100	3.5	15	3
3/4H.P, 4POLE	14B704C1S/2L-FR08	230/50	3.75	840	1300/1150/1000	3.85	15	3
1H.P., 4 POLE	14B954C2O/2L-FT1	230/50	5.3	1170	1300/1100/900	5.1	15	3
650W, 6POLE	14B956C2O/2L-FT54	230/50	4.8	1030	900/850/800	5.2	15	3
1H.P, 6POLE	165B906A1E/2L-HS1	230/50	5.2	1150	920	7.5	15	1



Dielectric Strength	**1500V/1 Minute/1mA Max**
Insulation Resistance	**500V DC/100M Ω Min.**
Bearing type	**Ball bearing/Babbit**
Life	**> 20,000 hours**
Insulation Class	**B**
ENVIRONMENTAL	
Operating Temperature	**-30°C to + 40°C**
Drop Test	**50 cm in Original Packing**
Vibration	**10 Minutes/Plane, 15Hz, 2 mm-Amplitude**
Bump Test	**2000 bumps, 40G, 2-3 bumps/sec.**
Humidity	**45±5°C, 90±5%RH, 168 hrs**

AIRCON 17

US

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