

marathon®
Motors

Weg

Century®

1-Phase Air Compressor Motors

- Enclosure: open dripproof
 - Mounting: rigid base
 - Bearings: ball
 - Max. ambient temp.: 40°C
- Direct replacements for selected air compressors including Dayton®, Speedaire®, Ingersoll-Rand, Campbell Hausfeld, Sanborn, Champion, Coleman, Quincy, and others. Designed to meet the high-torque requirements of air compressor loads. Mechanical features provide long life in high-tension, belt-type loads, which typically shorten motor life. High breakdown torque ensures dependable service. Suitable for intermittent-duty, portable, and stationary air compressors. UL Recognized and CSA Certified.

Note: Use on other applications voids warranty.



HP	Nameplate RPM	Frame	Rotation	Thermal Protection	Voltage	Full Load Amps	Service Factor	Ins. Class	Shaft Dia.	Shaft Length	Brand	Mfr. Model	Item No.
Capacitor-Start													
1/2	3450	56	CCWSE	Manual	115	11.5	1.00	B	3/8"	1 1/8"	Marathon	9031	3K781
3/4	3450	56	CCWSE	Manual	115	12.5	1.00	B	3/8"	1 1/8"	Marathon	9032	3K783
1	1725	56	CW/CCW	Manual	115/230	13.6/8.8	1.15	B	3/8"	1 1/8"	Marathon	C1480	39L530
	3450	56	CCWSE	Manual	115/230	16.0/8.0	1.00	B	3/8"	1 1/8"	Marathon	9033	3K785
1 1/2	1725	56H	CW/CCW	Manual	115/208-230	18.9/3-9.0	1.15	B	3/8"	1 1/8"	Marathon	G951	39L531
	3450	56	CW/CCW	Manual	115/230	21.3/10.6	1.15	B	3/8"	1 1/8"	Marathon	C704	5T873
3	1745	184T	CW/CCW	Manual	208-230	18.6-17.5	1.15	B	1 1/8"	2 3/4"	Weg	003180S1CCDOL184T	13L295
7 1/2	3470	213T	CW/CCW	None	208-230	40.0-37.0	1.15	B	1 3/8"	3 3/8"	Marathon	I105	39L541
Capacitor-Start/Run													
3/4	1725	56	CW/CCW	Manual	115/208-230	11.0/5.5	1.25	B	3/8"	1 1/8"	Marathon	K016	6KHJ5
1	3450	56	CW/CCW	Manual	115/208-230	10.6/5.5-5.3	1.15	B	3/8"	1 1/8"	Marathon	D010	39L529
	1740	145T	CW/CCW	Manual	115/208-230	18.8/10.2-9.4	1.15	B	1 1/8"	2 1/4"	Marathon	I127	39L532
2	3450	56	CW/CCW	Manual	115/230	17.0/8.5	1.00	B	3/8"	1 1/8"	Marathon	9035	3K787
	3450	56	CW/CCW	Manual	115/230	17.8/8.9	1.15	B	3/8"	1 1/8"	Marathon	C703A	454X48
	1740	184T	CW/CCW	None	230	12.1	1.15	B	1 1/8"	2 3/4"	Marathon	Z502	39L534
3	3450	56	CW/CCW	Manual	230	14.5	1.00	B	3/8"	1 1/8"	Marathon	9036	3K788
	3450	56	CCWSE	Manual	230	15.0	1.00	B	3/8"	1 1/8"	Marathon	9040	39L535
4	3440	56HZ	CCWSE	Manual	230	16.5	1.15	B	7/8"	2 1/4"	Weg	004360S1DCDG56HZ	13L296
	1740	184T	CW/CCW	None	208-230	23.0-21.0	1.15	F	1 1/8"	2 3/4"	Marathon	I114A	39L539
	1745	184T	CW/CCW	None	208-230	23.5-21.5	1.25	B	1 1/8"	2 3/4"	Weg	005180S1CCD184T	13L299
	1745	184T	CW/CCW	Manual	208-230	23.5-21.5	1.15	B	1 1/8"	2 3/4"	Weg	005180S1CCDOL184T	13L301
5	1760	184T	CW/CCW	Manual	208-230	25.0-24.1	1.15	B	1 1/8"	2 3/4"	Marathon	I119	39L538
	3450	56Y	CCWSE	Manual	208-230	22.0	1.15	B	7/8"	2 1/4"	Century	B384	1ATA8 *
	3450	56HZ	CCWSE	Manual	230	22.0	1.00	B	7/8"	2 1/4"	Century	B813	1ATA9 *
	3450	56H	CW/CCW	Manual	230	20.0	1.15	B	3/8"	1 1/8"	Marathon	D017	39L537 *
6-12/32	3510	182/4Y	CCWSE	Manual	240	23.0	1.00	B	7/8"	2 1/4"	Weg	006360S1XCD182/4Y	13L302
	1735	215T	CW/CCW	None	208-230	37.5-34.5	1.15	F	1 3/8"	3 3/8"	Marathon	I115	39L542
7 1/2	1745	213/5T	CCWSE	—	208-230	33.3-31.3	1.15	B	1 3/8"	3 3/8"	Weg	007180S1CCD215T	13L303
	3515	184T	CW/CCW	None	208-230	34.0-31.0	1.15	F	1 1/8"	2 3/4"	Marathon	I108A	39L540
	1730	215T	CW/CCW	None	208-230	49.0-44.0	1.15	F	1 3/8"	3 3/8"	Marathon	I116	39L543
10	1745	213/5T	CCWSE	—	208-230	45.0-43.0	1.15	B	1 3/8"	3 3/8"	Weg	010180S1CCD215T	13L304

* Designed for light-duty, intermittent use.



Universal AC/DC Motors

- Enclosure: open dripproof
- Rotation: CCWSE (nonreversible), except No. 2M034 is CWSE
- 115V at 60 Hz
- Insulation: Class A, except No. 2M139 is Class F
- Max. ambient temp.: 40°C

Full-load speeds can be adjusted 20% to 100% with proper speed control (sold separately). Average brush life is about 300 hr. Motors are series-wound. Gray hammer finish. UL Recognized.

HP	Nameplate RPM	Voltage	Full Load Amps	Mounting	O.C. Mounting	Mounting Holes	Bearings	Body Dia.	Shaft Dia.	Shaft Length	Length Less Shaft	Item No.
1/16	5000	115	1.2	Hole	2 3/16"	(2) #10-32	Ball	2 3/4"	3/16"	7/8"	4 1/16"	2M057 *
	5000	115	1.2	Hole	2 3/16"	(2) #10-32	Sleeve	2 3/4"	1/4"	3/4"	4 1/16"	2M033 *
	5000	115	1.2	Hole	2 3/16"	(2) #10-32	Sleeve	2 3/4"	1/4"	3/4"	4 1/16"	2M034 *
	5000	115	1.2	Hole	2 3/16"	(2) #10-32	Sleeve	2 3/4"	1/4"	3/4"	4 1/16"	2M277 *
	5000	115	1.2	Rigid Base	2 3/16" x 3"	4	Sleeve	2 3/4"	1/4"	1" & 1"	4 1/16"	2M066 *†
1/10	8000	115	1.5	Hole	2 3/16"	(2) #10-32	Ball	2 3/4"	1/4"	7/8"	4 1/16"	2M037 *
1/8	10,000	115	2.9	Stud	2 1/16"	—	Sleeve	3 3/8"	3/16"	1"	4 1/2"	2M139 *
1/2	10,000	115	6.3	Hole	2 x 2 13/16"	(4) #10-32	Ball	3 3/4" x 3 1/4"	3/8"	1 1/4"	6 3/16"	2M145
1	10,000	115	12.1	Face	3 1/4" x 3 1/4"	(4) #10-32	Ball	3 3/8"	7/16"	1 1/4"	7 25/32"	2M191

* Can be used with No. 5JJ60 speed control on page 158. † Dual shaft.

3.3"-Dia. Shaded-Pole Vibrator Motor

- Enclosure: open
- Mounting: strap-type
- Max. ambient temp.: 40°C

Equipped with 9-ft. 3-cond. cordset and inline On/Off switch. Bracket mounting holes are 7/8" x 3" O.C.; includes bolt and nut to secure to motor. UL Recognized and CSA Certified.

HP	Force	Nameplate RPM	Thermal Protection	Vel.*	Voltage	Full Load Amps	Ins. Class	Bearings	Body Dia.	Item No.
1/100	5.00 lb.	1625	Auto	2.20 ips	115	0.65	B	Ball	3 3/8"	5FTT3

* ips = inches per second.