



1-Phase Air Compressor Motors

- Enclosure: open dripproof
- Bearings: ball
- Mounting: rigid base
- 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.

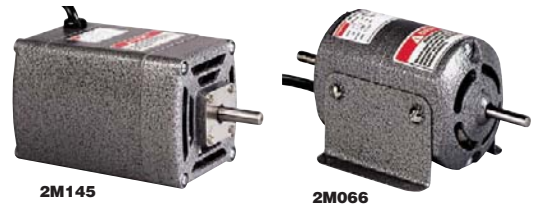
Note: Use on other applications voids warranty.



HP	Nameplate RPM	Frame	Rotation	Thermal Protection	Voltage	Full Load Amps	Service Factor	Ins. Class	Shaft Dia.	Shaft Length	Brand	Mfr. Model	Item No.
Commercial Duty Air Compressor AC Motors													
Capacitor-Start													
1/2	3,450	56	CW/CCW	Manual	115/208-230V AC	6.2/3.4-3.1	1	F	5/8 in	1 1/2 in	Weg	13470996	54JF83
3/4	3,450	56	CCWSE	Manual	115V AC	12.5	1	B	5/8 in	1 1/2 in	Marathon	5KC49MN2049Y	61KN09
	3,470	56	CW/CCW	Manual	115/208-230V AC	9.14/4.7-4.57	1	F	5/8 in	1 1/2 in	Weg	13444696	54JF84
	1,725	56	CW/CCW	Manual	115/230V AC	13.6/6.8	1.15	F	5/8 in	1 1/2 in	Marathon	5KC49PN0161U	39L530
1	3,485	56	CW/CCW	Manual	115/208-230V AC	13.2/6.6-6.5	1	F	5/8 in	1 1/2 in	Weg	13488375	54JF85
	1,725	56H	CW/CCW	Manual	115/208-230V AC	18.0/9.3-9.0	1.15	B	5/8 in	1 1/2 in	Marathon	056C17D5308	61KN12
1 1/2	3,450	56	CW/CCW	Manual	115/230V AC	20.0/10.0	1	B	5/8 in	1 1/2 in	Leeson	110161.00	61KN11
	3,490	56	CW/CCW	Manual	115/208-230V AC	17.4/8.8-8.7	1	F	5/8 in	1 1/2 in	Weg	13589373	54JF86
3	3,450	56	CCWSE	Manual	230V AC	14	1	B	5/8 in	1 1/2 in	Marathon	5KCR48UN2653Y	61KN14
	3,600	56	CW/CCW	Manual	208-230V AC	15.0-15.0	1	F	5/8 in	1 1/2 in	Leeson	116523.00	61KN15
5	3,600	56H	CCWSE	Manual	230V AC	19.6	1	F	5/8 in	1 1/2 in	Marathon	5KCR49N2722Y	61KN16
6	3,600	R56Y	CCWSE	Manual	230V AC	24.0	1	F	5/8 in	2 1/4 in	Century	B387	61KN20
Capacitor-Start/Run													
1	3,450	56	CW/CCW	Manual	115/208-230V AC	10.6/5.5-5.3	1.15	B	5/8 in	1 1/2 in	Marathon	056B34D2029	39L529
	3,450	56	CW/CCW	Manual	115/230V AC	17.0/8.5	1	B	5/8 in	1 1/2 in	Marathon	5KCR48TN2650Y	3K787
2	3,480	56H	CW/CCW	Manual	115/208-230V AC	17.8/9.5-8.9	1	F	5/8 in	1 1/2 in	Weg	13470997	54JF87
	1,765	184T	CW/CCW	Manual	230V AC	18.6-17.5	1.15	F	1 1/8 in	2 3/4 in	Dayton	45YU15	45YU15
3	3,480	56H	CW/CCW	Manual	208-230V AC	13.0-12.7	1	F	5/8 in	1 1/2 in	Weg	12882732	54JF88
4	3,480	56HZ	CCWSE	Manual	230V AC	16.8	1	F	7/8 in	2 1/4 in	Weg	004360S1DCDG56HZ	13L296
	1,725	184T	CW/CCW	Manual	230V AC	27.5-21.5	1.15	F	1 1/8 in	2 3/4 in	Dayton	45YU16	45YU16
5	1,750	184T	CW/CCW	None	208-230V AC	23.0-20.7	1.25	F	1 1/8 in	2 3/4 in	Weg	005180S1CCD184T	13L299
	1,750	184T	CW/CCW	Manual	208-230V AC	23.0-20.7	1.15	F	1 1/8 in	2 3/4 in	Weg	005180S1CCDOL184T	13L301
6 1/2	3,450	182/4	CCWSE	Manual	230V AC	23.0	1	F	7/8 in	2 1/4 in	Weg	006360S1XCD182/4Y	13L302
7 1/2	1,760	213/5T	CCWSE	None	208-230V AC	33.8-32.2	1.15	F	1 3/8 in	3 3/8 in	Weg	007180S1CCD215T	13L303
	3,495	184T	CW/CCW	Manual	230V AC	33.4-30.0	1.15	F	1 1/8 in	2 3/4 in	Dayton	45YU17	45YU17
10	1,720	215T	CCWSE	None	208-230V AC	44.2-40.0	1.15	F	1 3/8 in	3 3/8 in	Weg	010180S1CCD215T	13L304
Light Duty Air Compressor AC Motors													
Capacitor-Start													
5	3,450	56H	CW/CCW	Manual	230V AC	20.0	1.15	B	5/8 in	1 1/2 in	Marathon	056B34D5302	61KN17
	3,600	Y56HZ	CCWSE	Manual	230V AC	22.0	1	B	5/8 in	2 1/4 in	Century	B813	61KN18
	3,600	R56Y	CCWSE	Manual	208-230V AC	22.0	1.15	B	5/8 in	2 1/4 in	Century	B384	61KN19
Capacitor-Start/Run													
5	3,440	56H	CW/CCW	Manual	230V AC	20.3	1	F	5/8 in	1 1/2 in	Weg	12882730	54JF89
	3,440	56HZ	CW/CCW	Manual	230V AC	20.3	1	F	5/8 in	2 1/4 in	Weg	13521268	54JF90

Universal AC/DC Motors

- Enclosure: open dripproof
 - 115VAC at 60 Hz
 - Insulation: Class A, except 2M139 is Class F
 - Max. ambient temp.: 40°C
- Lightweight, compact, and use AC or DC power to operate portable power tools such as drills, sanders, routers, circular saws, and jig saws. They can operate at extremely high speeds with a high starting torque. Full-load speeds can be adjusted 20% to 100% with proper speed control (sold separately).



HP	Nameplate RPM	Motor Shaft Rotation	Voltage	Full Load Amps	O.C. Mounting	Mounting Holes	Bearings	Body Dia.	Shaft Dia.	Shaft Length	Length Less Shaft	Brand	Item No.
Face Mount													
1/2	10,000	CCWSE	115V AC	2.9	2 1/8 in	—	Sleeve	3 3/8 in	5/8 in	1 in	4 1/2 in	Dayton	2M139 *
1	10,000	CCWSE	115V AC	12.1	3 1/4 x 3 1/4 in	(4) #10-32	Ball	3 3/8 in	7/8 in	1 1/4 in	9 1/8 in	Dayton	2M191
Hole Mount													
1/16	5,000	CCWSE	115V AC	1.2	2 3/8 in	(2) #10-32	Ball	2 3/4 in	5/8 in	7/8 in	4 1/8 in	Dayton	2M057 *
	5,000	CCWSE	115V AC	1.2	2 3/8 in	(2) #10-32	Sleeve	2 3/4 in	1/4 in	3/4 in	4 1/8 in	Dayton	2M033 *
	5,000	CWSE	115V AC	1.2	2 3/8 in	(2) #10-32	Sleeve	2 3/4 in	1/4 in	3/4 in	4 1/8 in	Dayton	2M034 *
	5,000	CCWSE	115V AC	1.2	2 3/8 in	(2) #10-32	Sleeve	2 3/4 in	1/4 in	3/4 in	4 1/8 in	Dayton	2M077 *
1/10	8,000	CCWSE	115V AC	1.5	2 3/8 in	(2) #10-32	Ball	2 3/4 in	1/4 in	7/8 in	4 1/8 in	Dayton	2M027 *
1/4	19,500	CCWSE	115V AC	—	2 1/4 in	(2) #8-32	Ball	2 1/8 in	5/8 in	1 3/8 in	3 1/2 in	Ametek Lamb	3GXF6
	20,000	CCWSE	115V AC	—	2 1/4 in	(2) #8-32	Ball	2 1/8 in	5/8 in	7/8 in	3 1/2 in	Ametek Lamb	3EAK4
1/2	10,000	CCWSE	115V AC	6.3	2 x 2 13/16 in	(4) #10-32	Ball	3 3/8 in	5/8 in	1 1/4 in	6 1/8 in	Dayton	2M145
Rigid Base Mount													
1/16	5,000	CCWSE	115V AC	1.2	2 3/8 x 3 in	4	Sleeve	2 3/4 in	1/4 in	1 in	4 1/8 in	Dayton	2M066 *†

* Can be used with 5JJ60 speed control on page 149. † Dual shaft.

3.3"-Dia. Shaded-Pole Vibrator Motor

- Mounting: face
- Max. ambient temp.: 40°C

Low starting torque provides a smooth and quiet start up and promotes material flow in bins, chute hoppers, or pipes and can

be used to cause materials to release from the walls of a container. 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.



HP	Force	Nameplate RPM	Motor Enclosure Design	Thermal Protection	Velocity	Voltage	Full Load Amps	Ins. Class	Bearings	Body Dia.	Item No.
1/200	2.5 lbf	1,550	Totally Enclosed Air-Over	Auto	1.33 in/sec	115V AC	0.50	B	Ball	3 3/8 in	2PUX4
1/100	5 lbf	1,625	Open	Auto	2.2 in/sec	115V AC	0.65	B	Ball	3 3/8 in	5FTT3
1/100	8 lbf	2,900	Open	Auto	7 in/sec	115V AC	0.48	B	Ball	3 3/8 in	10C903

IMPORTANT MOTOR INFORMATION | Refer to pages 3-7 for selection guidelines, standardized dimensions, thermal protection information, UL 507 Standard location information, NEMA & IEC guidelines, energy legislation information, and terminology.