



Find Replacement Parts, Couplers, and Bearing Assemblies on page 2542.



**Cradle Base-Mount,
Split-Phase**



**Cradle Base-Mount,
Capacitor-Start**



**Face-Mount,
3-Phase**

1- and 3-Phase Water Circulator Motors



- 1725 rpm
- Insulation: Class B
- Enclosure: open dripproof
- Ring dia.: 2 1/2"
- 60 Hz

Power water circulation pumps for the transfer of hot water in hydronic heating systems and in water recirculation equipment. These exact replacement motors are fully interchangeable with specific motors on Bell & Gossett, Armstrong, Teel, and Taco brand circulator pumps.

HP	Frame	Rotation	Thermal Protection	Full Load Amps	Service Factor	Mounting	Bearings	Bolt Circle Dia.	Ring to Ring Center	Max. Ambient Temp.	Mfr. Model	Item No.
Split-Phase, 115V ACVAC												
1/2	48YZ	CCWLE	Auto	2.00	1	Cradle Base	Sleeve	4 3/8 in	6 1/16 in	50 °C	HW20084BL	5ELL6
	48Z	CCWLE	Auto	3.5	1.75	Cradle Base	Sleeve	5 in	6 1/16 in	50 °C	HW2014BL	5ELL7
1/6	48Z	CCWLE	Auto	3.5	1.75	Cradle Base	Sleeve	4 3/8 in	6 1/16 in	50 °C	HW2014B1L	5ELL8
	48	CWLE	Auto	4.6	1.25	Cradle Base	Ball	5 1/8 in	8 3/8 in	50 °C	HW2024BL	5ELN0
1/4	48Z	CW/CCW	Auto	3.5	1.75	Cradle Base	Sleeve	5 in	7 in	50 °C	HW2024B1L	5DVX0
1/3	48Z	CWLE	Auto	5.7	1.3	Cradle Base	Ball	5 1/8 in	8 3/8 in	50 °C	HW2034BL	5ELN1
Capacitor-Start/Run, 115/208-230V ACVAC												
3/4	56YZ	CW/CCW	Auto	7.4/4.1-3.7	1.5	Cradle Base	Ball	5 1/8 in	9 3/8 in	50 °C	A56B17DRZ40002A2A	4UE18
3-Phase, 208-230/460V ACVAC												
3/4	56CZ	CW/CCW	None	2.7-2.8/1.4	1.5	Face	Ball	5 1/8 in	—	50 °C	H1042L	5DVU8
1	56CZ	CW/CCW	None	3.4-3.4/1.70	1.4	Face	Ball	5 1/8 in	—	50 °C	H1043L	12N864

OEM Hot Water Circulator Motor Cross Reference

Grainger Item No.	OEM Motor Found on Page 2542	Armstrong Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model	B&G Model
4UE18	3CFE3	811757-002	111047	M80082	M80081	MAG00D-7606B	169051	MOT259-6	MOT260-6	MOT335-6	MOT925-6	M80077	—	—	—	—
5DVU8	—	831012-083	111049	M80039	M80080	MAG00G-7606B	169053	MOT236-6	MOT237-6	MOT337-6	MOT922-6	—	—	—	—	—
5DVX0	3CFD8	—	111040	M10532	M95171	MBG00A-2606B	MOT102-6	MOT309-6	MOT442-6	M95172	—	—	—	—	—	—
5ELL6	3CFE7	805316-010	111034	M09181	M09186	MOT101-5	MOT112-5	MOT113-5	MOT132-5	MOT133-5	M09180	—	—	—	—	—
5ELL7	3CFE8	817025-001	111031	111036	M10711	M10293	M10291	MOT109-6	MOT115-6	MOT300-6	MOT441-6	MOT911-6	M10294	—	—	—
5ELL8	3CFE9	817025-005	111061	M10711	M10293	M10292	—	—	—	—	—	—	—	—	—	—
5ELN0	—	816141-001	169035	M10534	M97185	MAG00A-2606B	169040	MOT203-6	MOT314-6	—	—	—	—	—	—	—
5ELN1	3CFE1	816141-002	111042	M80121	M80026	MOT107-6	MOT108-6	MOT323-6	MOT325-6	111043	M10740	M10800	M80028	M80033	M80058	—
5ELN1	—	816141-002	169038	M80027	M80059	MAG00D-3306B	169041	M80062	MOT326-6	MOT937-6	—	—	—	—	—	—



Lug-Mount

Draft Booster Motors



- Enclosure: open air-over
- Studs are 2.85" bolt center, #8-32 studs
- Bearings: ball
- Body dia.: 3.3"
- Max. ambient temp.: 40 °C
- Duty: continuous
- Centrifugal safety switch

Required for most gas furnaces and help improve energy efficiency. Auxiliary contacts of SPST centrifugal safety switch are included and rated 120VA pilot duty. 1D089 also has 3 holes on 4.36" bolt circle.

HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Mounting	Shaft Dia.	Shaft Length	Contact Make	Contact Break	Item No.
Shaded Pole, 60 Hz										
1/30	3,000	CCWSE	115/230V AC	1.30/0.65	Stud	1/4 in	3 3/4 in	2,500 RPM	800 RPM	1D093 *
1/25	3,200	CWSE	115V AC	1.75	Stud	5/16 in	1 1/4 in	2,500 RPM	800 RPM	3M895
	3,000	CWSE	115/230V AC	2.2/1.10	Stud	1/4 in	3 3/4 in	2,500 RPM	800 RPM	1D092 *
1/15	3,000	CCWSE	115/230V AC	2.2/1.10	Stud	1/4 in	3 3/4 in	2,500 RPM	800 RPM	1D094 *
	3,000	CWSE	208-230V AC	1.10-1.10	Stud	1/4 in	3 3/4 in	2,500 RPM	800 RPM	1D091 *
Permanent Split Capacitor, 60/50 Hz										
1/6	3,000	CW/CCW	230V AC	0.60	Lug	1/4 in	3 3/4 in	1,800 RPM	800 RPM	1D089 *

* Includes 5/16" dia. shaft bushing.

Shaded-Pole Unit-Bearing Water Agitator Motors



- Enclosure: totally enclosed
- Rotation: CCW, facing shaft end
- Service factor: 1.0
- Mounting: double foot/rear
- Body dia.: 3 3/8"
- Max. ambient temp.: 40 °C
- 5M067 has threaded shaft, 5M068 has 1" flat on shaft

OEM replacement motors for beverage dispensers manufactured by Cornelius, Lancer, Alco, Wilshire, Booth, K-Way, Multiplex, and Manitowoc beverage. Cast-iron with machined 400 Series stainless steel shaft. Include #8-36 mounting screws.

Output Watts	HP	Nameplate RPM	Thermal Protection	Voltage	Full Load Amps	Ins. Class	Shaft Dia.	Shaft Length	Mfr. Model	Item No.
15 W	1/50	1,500	Auto	115V AC	0.60	A	3/8 in	7 in	ESP-L15EMJR1B1	5M067
15 W	1/50	1,500	Auto	115V AC	0.60	A	3/8 in	5 in	ESP-L15EMJR1B2	5M068