

# Pool Cleaner Replacement Motors

## Switchless Design, 6.5" Frame Diameter: Category "P"



### FEATURES:

- Two Compartment
- Shaft Threads - 1/2-20 UNF-2A
- 50°C Ambient
- 1081 Design
- Continuous Duty
- Voltage Selection Device
- Class B Insulated
- Open Dripproof
- 300 Series Stainless Steel Shaft
- Thermally Protected
- Secondary "Max Pump" Service Factor (SF) for C-Flange motors to allow for popular OEM pump loading



- Optimized internal airflow design minimizes heat and moisture buildup inside the motor
- Internal bearing cover protects the drive/pump end ball bearing from water and debris that may occur inside of the motor
- Three additional layers of drive/pump end bearing protection:
  - Double Sealed Ball Bearing
  - Lip Seal
  - Water Slinger

### Standard Efficient, Full Service Factor, Full Rated



HP	NEMA <sup>®†</sup> SF	Max Pump SF	THP	RPM	Voltage	Freq	NEMA <sup>®†</sup> SF Amps	Max Pump SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Replacement Brand
3/4	1.50	1.65	1.25	3450	230/115	60	6.3/12.6	7.0/14.0	ASB625	56CZ	10.76	24	Polaris/Zodiac
3/4	1.50	1.65	1.25	3450	230/115	60	6.0/12.0	7.0/14.0	ASB668	56CZ	10.76	24	Letro/Pentair

## Three Phase Pool and Spa Motors

### FEATURES:

- Shaft Threads – (Square Flange) 1/2-20 UNC-2A or (C-Flange) 7/16-20 UNF-2A
- Single Compartment
- Sealed Ball Bearings
- Triple Bearing Protection
- Open Dripproof
- Class B Insulated
- 300 Series Stainless Steel Shaft
- Continuous Duty
- 50°C Ambient
- Rated for 50Hz, 1.0 SF

### Square Flange, Full Service Factor, Full Rated

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Shaft
1/2	1.90	3450	208-230/460	60	2.9-2.6/1.3	*EH491	56Y	10.27	23	Threaded
3/4	1.65	3450	208-230/460	60	4.1-3.8/1.9	*EH492	56Y	10.27	23	Threaded
1.0	1.65	3450	208-230/460	60	4.8-4.6/2.3	*EH635	56Y	10.27	25	Threaded
1.5	1.47	3450	208-230/460	60	6.4-6.2/3.1	*EH636	56Y	10.52	28	Threaded
2.0	1.30	3450	208-230/460	60	7.0-6.6/3.3	*EH637	56Y	11.02	33	Threaded
3.0	1.15	3450	208-230/460	60	9.6-9.4/4.7	*EH755	56Y	12.04	41	Threaded

### C-Flange, Keyed and Threaded Shaft, Full Service Factor, Full Rated

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Shaft
1/2	1.60	3450	208-230/460	60	2.7-2.4/1.2	*EH281	56C	9.07	22	Keyed
1/2	1.60	3450	208-230/460	60	2.7-2.4/1.2	*EH282	56J	9.07	22	Threaded
3/4	1.50	3450	208-230/460	60	3.7-3.6/1.8	*EH450	56C	9.07	22	Keyed
3/4	1.50	3450	208-230/460	60	3.7-3.6/1.8	*EH451	56J	9.07	22	Threaded
1.0	1.40	3450	208-230/460	60	4.4-4.2/2.1	*EH513	56C	9.07	24	Keyed
1.0	1.40	3450	208-230/460	60	4.4-4.2/2.1	*EH514	56J	9.07	24	Threaded
1.5	1.30	3450	208-230/460	60	6.0-5.8/2.9	*EH616	56C	9.31	27	Keyed
1.5	1.30	3450	208-230/460	60	6.0-5.8/2.9	*EH617	56J	9.31	27	Threaded
2.0	1.20	3450	208-230/460	60	6.6-6.4/3.2	*EH704	56C	9.82	32	Keyed
2.0	1.20	3450	208-230/460	60	6.6-6.4/3.2	*EH705	56J	9.82	32	Threaded
3.0	1.15	3450	208-230/460	60	9.6-9.4/4.7	*EH740	56C	10.82	40	Keyed
3.0	1.15	3450	208-230/460	60	9.6-9.4/4.7	*EH741	56J	10.82	40	Threaded

PENTAIR Max-E-GLAS<sup>®†</sup> & DURA\*GLAS<sup>®†</sup> Replacement Motor Base Available B3574344900010L

\* California Energy Commission (CEC) Appliance Regulations (Title 20) compliant

Catalog numbers are for competitive comparison purposes only.

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