

Square Flange Pool and Spa Motors Switchless Design, 6.5" Frame Diameter, Category "S"



FEATURES:

- Two Compartment
- 1081 Design
- Open Dripproof
- 300 Series Stainless Steel Shaft
- Shaft Threads - 1/2-20 UNF-2A
- Voltage Selection Device (Dual Voltage Only)
- Continuous Duty
- Class B Insulated
- Thermally Protected
- 50°C Ambient
- THP Rated
- **Discount symbol: DS-FPS**



- 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, Total Horsepower Rated



| THP | RPM | Voltage | Freq | THP Amps | Catalog Number | Motor Frame | Length Less Shaft | Wgt. |
|------|------|----------|------|-----------|---------------------|-------------|-------------------|------|
| 0.98 | 3450 | 230 /115 | 60 | 5.4/10.8 | ASB846 | 56Y | 11.99 | 22 |
| 1.25 | 3450 | 230 /115 | 60 | 7.0/14.0 | ASB847 | 56Y | 12.49 | 23 |
| 1.65 | 3450 | 230 /115 | 60 | 7.7/15.4 | ASB848 | 56Y | 12.74 | 25 |
| 2.25 | 3450 | 230 /115 | 60 | 10.8/21.6 | ASB858 | 56Y | 13.74 | 32 |
| 2.60 | 3450 | 230 | 60 | 11.5 | ASB748 | 56Y | 13.74 | 30 |
| 3.45 | 3450 | 208-230 | 60 | 14.8-13.5 | ASB844 | 56Y | 14.24 | 38 |
| 5.00 | 3450 | 208-230 | 60 | 21.0-19.4 | ASB850 [†] | 56Y | 15.74 | 50 |

extreme-E Premium Energy Efficient, Total Horsepower Rated (Suitable for 50Hz)**



| THP | RPM | Voltage | Freq | THP Amps | Catalog Number | Motor Frame | Length Less Shaft | Wgt. |
|------|------|-------------|------|--------------|---------------------|-------------|-------------------|------|
| 0.98 | 3450 | 208-230/115 | 60 | 4.4-4.2/8.4 | ASB845 | 56Y | 12.24 | 20 |
| 1.25 | 3450 | 208-230/115 | 60 | 5.9-5.5/11.0 | ASB661 | 56Y | 12.74 | 23 |
| 1.65 | 3450 | 208-230/115 | 60 | 7.6-7.2/14.4 | ASB841 | 56Y | 12.99 | 25 |
| 2.25 | 3450 | 208-230/115 | 60 | 9.7-9.0/18.0 | ASB842 | 56Y | 13.74 | 33 |
| 2.60 | 3450 | 208-230 | 60 | 10.6-10.0 | ASB843 | 56Y | 13.74 | 35 |
| 3.45 | 3450 | 208-230 | 60 | 14.8-13.5 | ASB844 | 56Y | 14.24 | 38 |
| 5.00 | 3450 | 208-230 | 60 | 21.0-19.4 | ASB850 [†] | 56Y | 15.74 | 50 |

extreme-E Premium Energy Efficient, Two Speed, Total Horsepower Rated, Soft Start, Switch Design

| HP | SF | THP | RPM | Voltage | Freq | SF Amps | Catalog Number | Motor Frame | Length Less Shaft | Wgt. |
|--------|------|-----------|-----------|---------|------|----------|----------------|-------------|-------------------|------|
| 3/4/12 | 1.67 | 1.25/0.20 | 3450/1725 | 115 | 60 | 14.5/5.3 | °EB981* | 56Y | 12.30 | 30 |

PENTAIR Max-E-GLAS^{®†} & DURA*GLAS^{®†} Replacement Motor Base Available B3574344900010L
NOTE: Toggle switch cover assembly available for two speed models - LO-OFF-HI- X2975769700000L

[†]190 Volt Maximum Operating Voltage for 50 Hz

[°] Not Normally Stocked

* California Energy Commission (CEC) Appliance Regulations (Title 20) compliant
** Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.

extreme-E Extreme-E[®] represents our most efficient running, highest performing lines of motors.

[†] All marks shown within this document are properties of their respective owners.