

# 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



- 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	25
1.65	3450	230 /115	60	7.7/15.4	ASB848	56Y	12.74	26
2.25	3450	230 /115	60	10.8/21.6	ASB858	56Y	13.74	33
2.60	3450	230	60	11.5	ASB748	56Y	13.74	33
3.45	3450	208-230	60	14.8-13.5	ASB844	56Y	14.24	40
5.00	3450	208-230	60	21.0-19.4	ASB850 <sup>Δ</sup>	56Y	15.74	52

### 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	25
1.25	3450	208-230/115	60	5.9-5.5/11.0	ASB661	56Y	12.74	28
1.65	3450	208-230/115	60	7.6-7.2/14.4	ASB841	56Y	12.99	30
2.25	3450	208-230/115	60	9.7-9.0/18.0	ASB842	56Y	13.74	35
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	40
5.00	3450	208-230	60	21.0-19.4	ASB850 <sup>Δ</sup>	56Y	15.74	52

### 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<sup>®†</sup> & DURA\*GLAS<sup>®†</sup> Replacement Motor Base Available B3574344900010L  
 NOTE: Toggle switch cover assembly available for two speed models - LO-OFF-HI- X2975769700000L

<sup>Δ</sup>190 Volt Maximum Operating Voltage for 50 Hz

<sup>°</sup> 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<sup>®</sup> represents our most efficient running, highest performing lines of motors.

<sup>†</sup> All marks shown within this document are properties of their respective owners.

