

Three Phase Pool & Spa Motors

FEATURES:

- Single Compartment
- Sealed Ball Bearings
- Triple Bearing Protection
- Open Drip Proof
- Class B Insulated
- Shaft Threads – (Square Flange) 1/2-20 UNC-2A or (C-Flange) 7/16-20 UNF-2A
- 300 Series Stainless Steel Shaft
- Continuous Duty
- 50°C Ambient
- Rated for 50 Hertz, 1.0 Service Factor
- **Discount Symbol: DS-FPS**

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 |
| 5.0 | 1.00 | 3450 | 208-230/460 | 60 | 13.7-13.0/6.5 | EH995 | 56Y | 13.50 | 52 | 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 | 26 | 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^{®†} & DURA^{®†}GLAS^{®†} Replacement Motor Base Available B3574344900010L

HAYWARD NorthStar^{™†} Replacements C-Flange Switchless Design, 6.5" Frame Diameter, Threaded Shaft: Category "N"

FEATURES:

- Two Compartment
- Triple Bearing Protection
- Thermally Protected
- 1081 Design
- Shaft Threads - 7/16-20 UNF-2A
- Class B Insulated
- Open Dripproof
- Continuous Duty
- 60°C Ambient
- 6.5" Diameter Frame
- 300 Series Stainless Steel Shaft
- Sealed Ball Bearings
- Voltage Selection Device (Dual Voltage Only)
- **Discount symbol: DS-FPS**



extreme-E Premium Energy Efficient, Full Service Factor, Full Rated

| HP | SF | THP | RPM | Voltage | Freq | SF Amps | Catalog Number | Motor Frame | Length Less Shaft | Wgt. |
|-----|------|------|------|-------------|------|----------------|----------------|-------------|-------------------|------|
| 3/4 | 1.85 | 1.40 | 3450 | 208-230/115 | 60 | 6.0-5.5/11.0 | ESN1072 | 56J | 11.01 | 25 |
| 1.0 | 1.85 | 1.85 | 3450 | 208-230/115 | 60 | 8.5-7.8/15.6 | ESN1102 | 56J | 11.51 | 28 |
| 1.5 | 1.60 | 2.40 | 3450 | 208-230/115 | 60 | 11.0-10.2/20.4 | ESN1152 | 56J | 12.01 | 31 |
| 2.0 | 1.35 | 2.70 | 3450 | 208-230 | 60 | 13.0-11.8 | ESN1202 | 56J | 12.01 | 33 |
| 3.0 | 1.60 | 4.80 | 3450 | 208-230 | 60 | 20.6-19.0 | ESN1302 | 56J | 14.01 | 35 |

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

** Contact dealer for full conditions of operation

Catalog numbers are for competitive comparison purposes only.

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