

# 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	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®† & 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.

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

extreme-E Premium Energy Efficient, Low Service Factor, Up/Max Rated



HP	SF	THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.
1.0	1.40	1.40	3450	208-230/115	60	6.0-5.5/11.0	EUSN1102	56J	11.01	25
1.5	1.25	1.85	3450	208-230/115	60	8.5-7.8/15.6	EUSN1152	56J	11.51	28
2.0	1.20	2.40	3450	208-230/115	60	11.0-10.2/20.4	EUSN1202	56J	12.01	31
2.5	1.10	2.70	3450	208-230	60	13.0-11.8	EUSN1252	56J	12.01	35
3.0	1.20	3.60	3450	208-230	60	16.0-14.8	EUSN1302	56J	12.76	39

## HAYWARD TRISTAR<sup>®†</sup> Replacement Square Flange 6.5" Frame Diameter, Category "T"



### FEATURES:

- Two Compartment
- 1081 Design
- Open Dripproof
- 300 Series Stainless Steel Shaft
- Shaft Threads - 1/2-20 UNF-2A
- Continuous Duty
- Thermally Protected
- 60°C Ambient
- Voltage Selection Device (Dual Voltage Only)
- 6.5" Diameter Frame
- Triple Bearing Protection
- Class B Insulated
- Sealed Ball Bearings
- Discount symbol: DS-FPS

extreme-E Premium Energy Efficient, Full Service Factor, Full Rated (Switch Design)



HP	SF	THP	RPM	Voltage	Freq	Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.
1/2	1.98	0.98	3450	208-230/115	60	5.3-4.9/9.8	ET3205	56Y	12.49	24
3/4	1.85	1.40	3450	208-230/115	60	7.0-6.2/12.4	ET3207	56Y	12.74	26
1.0	1.85	1.85	3450	208-230/115	60	8.5-7.4/14.8	ET3210	56Y	13.24	30
1.5	1.60	2.40	3450	208-230/115	60	11.2-10.2/20.4	ET3215	56Y	13.74	34
2.0	1.35	2.70	3450	208-230	60	11.8-11.0	ET3220	56Y	13.74	33
3.0	1.20	3.60	3450	208-230	60	16.0-14.8	ET3230	56Y	14.49	44

### Standard Efficient, Total Horsepower Rated (50° Ambient, Switchless Design)



HP	SF	THP	RPM	Voltage	Freq	Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.
3/4	1.25	0.98	3450	230/115	60	5.4/10.8	ASB846	56Y	11.99	22
1.0	1.25	1.25	3450	230/115	60	7.0/14.0	ASB847	56Y	12.49	23
1.5	1.10	1.65	3450	230/115	60	7.7/15.4	ASB848	56Y	12.74	25
2.0	1.10	2.25	3450	230/115	60	10.8/21.6	ASB858	56Y	13.74	32
2.5	1.04	2.60	3450	230	60	11.5	ASB748	56Y	13.74	30
3.0	1.15	3.45	3450	208-230	60	14.8-13.5	ASB844	56Y	14.24	38

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extreme-E Extreme-E<sup>®</sup> represents our most efficient running, highest performing lines of motors.

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