

Pool & Spa Motors

Specialty Designed Motors for Spas, Above and In-Ground Pools Along with Commercial Applications

VARIABLE SPEED | 2-SPEED | SINGLE-SPEED

Nidec

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- On hand inventory at distributors in your area
- Authorized service stations for warranty and repair



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Pool & Spa Motors

Frame Size: NEMA[®] 48 and 56

Horsepower: 1/2 through 60 HP

Phase: Single & Three Phase

RPM: 60 Cycle - 3450 & 3450/1725
50 Cycle - 2850 & 2850/1425

Speeds: Single and Two Speed (Hard & Soft Start) and Variable Speed

Voltage:

- 230/115
- 230
- 208-230/115
- 208-230

Efficiency: Standard and Premium Efficient

Enclosure: Open Drip Proof (ODP),
Totally Enclosed Fan Cooled (TEFC)
and TEFC IPX5

Mounting:

- Square Flange
- C Flange Threaded
- C Flange Keyed
- Thru-Bolt

Agency: UL[®] Recognized and CSA[®]
Certified

Bearings:

- 56 Frame - Sealed Ball
- 48 Frame - Sealed Ball

Warranty: All Pool and Spa motors
have a limited 12 month warranty from
the date of install or 24 months from
date of manufacturing, whichever
comes first.

Exception: Neptune and Aqua Shield Pro
motors carry limited warranty of 24 months
from the date of installation, not to exceed
36 months from date of manufacture.

Pool & Spa OEM Pump/Motor Replacement Guide

Square Flange and C-Flange Motors

Square Flange and C-Flange Motors

Motors and pumps need to be properly matched to one another to provide consistent, predictable performance. When selecting your NIDEC replacement motor you will need to know six important pieces of information:

- 1) Pump Mounting (ie. Square Flange, C-Flange, etc.)
- 2) Horsepower
- 3) Service Factor
- 4) Voltage
- 5) Frequency
- 6) Phase

Most of this information can be attained from the motor nameplate. Always be sure that the total of horsepower times service factor of your new NIDEC motor is equal to or greater than the total of horsepower times service factor of the original motor.

**Total Output HP = (horsepower) X (service factor)
= THP or SFHP**

PUMP OEM	BRAND NAME	CATEGORY
Aqua Flo	Ultra Flow	C
Aqua Flo	Dominator	S
Astral	2000 Series	J
Baker Hydro	Hydron	J
Carvin Pool	Cygnat	S
Carvin Pool	Magnum & Magnum Force	J
Hayward	Super Pump	J
Hayward	Super Pump II	J
Hayward	Max-Flo	J
Hayward	Max-Flo II	S
Hayward	NorthStar	N
Hayward	TriStar	T
Jacuzzi Brothers	Bronze	C
Jacuzzi Brothers	Magnum & Magnum Force	J
Jandy/Zodiac	SHPF / SHPM	S
Jandy/Zodiac	JFloPro	S
Jandy/Zodiac	ePump	S
Pentair/Sta-Rite	DuraGlas / Max-E-Glas	S
Pentair/Sta-Rite	DuraGlas II/ Max-E-Glas II	S
Pentair/Letro	Legend	P
Pentair/American	Ultra-Flow	S
Pentair/American	American Eagle	C
Pentair/Pac Fab	Challenger	S
Pentair/Pac Fab	WhisperFlo	S
Pentair/Pac Fab	Hydro Pump	C
Pentair /Purex	Pinnacle	S
Speck Pumps	Models 72, S90, Super Pro, 433, & ES90	J
Waterco	Hydrostorm, Hydrostar	S
Waterway	SVL56, Champion, SMF	S
Zodiac Pool	Polaris Vac-Sweep, PB4 Booster Pump	P

CATEGORY "N" HAYWARD NORTHSTAR C-FLANGE THREADED SHAFT

HP	SERVICE FACTOR	VOLTAGE	ENERGY EFFICIENT EXTREME E® 6.5" Frame
3/4	1.85	208-230/115	ESN1072
1	1.40	208-230/115	EUSN1102
1	1.85	208-230/115	ESN1102
1 1/2	1.25	208-230/115	EUSN1152
1 1/2	1.60	208-230/115	ESN1152
2	1.20	208-230/115	EUSN1202
2	1.35	208-230	ESN1202
3	1.20	208-230	EUSN1302
3	1.60	208-230	ESN1302

CATEGORY "C" NEMA® C-FLANGE KEYED SHAFT

HP	SERVICE FACTOR	VOLTAGE	STANDARD EFFICIENCY 6.5" FRAME	ENERGY EFFICIENT EXTREME E® 6.5" Frame
1/2	1.60	230/115	ASB120	ASB656
3/4	1.50	230/115	ASB121	ASB634
1	1.40	230/115	ASB122	ASB653
1.5	1.30	230/115	ASB123	ASB795
2	1.20	230	ASB124	ASB808
3	1.15	208-230		ASB817

CATEGORY "T" HAYWARD TRISTAR REPLACEMENTS-SQUARE FLANGE

HP	SERVICE FACTOR	VOLTAGE	STANDARD EFFICIENCY 6.5" FRAME	ENERGY EFFICIENT EXTREME E® 6.5" Frame
1/2	1.98	208-230/115		ET3205
3/4	1.85	208-230/115		ET3207
3/4	1.25	230/115	ASB852	
1	1.85	208-230/115		ET3210
1	1.25	230/115	ASB853	
1.5	1.60	208-230/115		ET3215
1.5	1.10	230/115	ASB854	
2	1.35	208-230		ET3220
2	1.10	230/115	ASB859	
2.5	1.04	230	ASB840	
3	1.15	208-230	ASB844	

CATEGORY "J" NEMA® C-FLANGE THREADED SHAFT

HP	SERVICE FACTOR	VOLTAGE	STANDARD EFFICIENCY		ENERGY EFFICIENT EXTREME E®		ENERGY EFFICIENT VARIABLE SPEED
			6.5" FRAME	5.5" FRAME	6.5" FRAME	5.5" FRAME	
1/2	1.60	230/115	ASB126	AST095	ASB657	ACT095	
3/4	1.00	230/115	ASB227	AST095			
	1.50	230/115	ASB127	AST125	ASB638	ACT125	
1	1.00	230/115	ASB228	AST125			NPTT125
	1.40	230/115	ASB128	AST165	ASB654	ACT165	
1.5	1.00	230/115	ASB229	AST165			NPTT165
	1.30	230/115	ASB129	AST225	ASB796		
2	1.00	230/115	ASB230	AST225			NPTT225
	1.20	230	ASB130	AST275	ASB809		
2.5	1.00	230	ASB231	AST275			NPTT270
3	1.15	208-230			ASB818		NPTT345
5	1.00	208-230			ASB819		

CATEGORY "S" SQUARE FLANGE

HP	SERVICE FACTOR	VOLTAGE	STANDARD EFFICIENCY		ENERGY EFFICIENT EXTREME E®		ENERGY EFFICIENT VARIABLE SPEED
			6.5" FRAME	5.5" FRAME	6.5" FRAME	5.5" FRAME	
1/2	1.30	230/115		ASQ065			
	1.90	230/115	ASB846	ASQ095	ASB845	AQC095	
3/4	1.27	230/115	ASB852	ASQ095		AQC095	
	1.65	230/115	ASB847	ASQ125	ASB661	AQC125	
1	1.25	230/115	ASB853	ASQ125	ASQ125	AQC125	NPTQ125
	1.65	230/115	ASB848	ASQ165	ASB841	AQC165	
1.5	1.10	230/115	ASB854	ASQ165		AQC165	NPTQ165
	1.50	230/115	ASB858	ASQ225	ASB842		
2	1.10	230/115	ASB859	ASQ225			NPTQ225
	1.30	230	ASB748	ASQ260	ASB843		
2.5	1.04	230	ASB840	ASQ260			NPTQ270
3	1.15	208-230	ASB844		ASB844		NPTQ345
5	1.00	208-230			ASB850		

CATEGORY "P" POOL CLEANERS

HP	SERVICE FACTOR	VOLTAGE	BRAND	NIDEC 56™ 6.5" Frame
3/4	1.50	230/115	Polaris	ASB625
	1.50	230/115	Letro	ASB668

NEPTUNE® Variable Speed Motor & Control Category "S" & "J" Pool Pump



NEW



FEATURES:

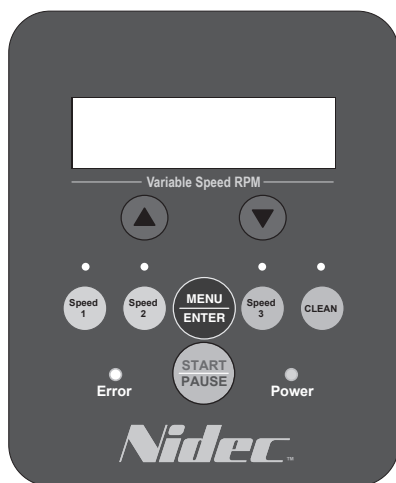
- Fully Integrated Variable Speed Motor & Control
- Brushless Permanent Magnet (BPM) Motor
- Proposed DOE Regulation & CEC Title 20 Compliant
- Dual Voltage 1.25THP & 1.65THP Models
- TEFC -- IPX5 Enclosure
- Shaft Threads -- (Square Flange) 1/2-20 UNC-2A or (C-Flange) 7/16-20 UNF-2A
- 50°C Ambient
- Triple Bearing Protection
- 1081 Design
- Continuous Duty
- Class F Insulated
- Sealed Ball Bearings
- 80%+ Motor & Control Efficiency @ Full Speed
- 300 Series Stainless Steel Shaft
- Speed Range: 600-3450 RPM
- Low Temperature Monitor
- Finned Aluminum Enclosure
- Fully Functional User Interface (Back Lit)
- Modbus & Low Voltage Connection to Pool Control Systems
- Up to Seven Daily Schedules Can Be Programmed
- Adjustable Priming Time & Speed
- Menu Keypad Lockout
- Designed For Quiet Operation
- Simple "Drop In" installation with No Complex Wiring
- Factory Programmed Schedule Settings to Meet the Proposed DOE & the CEC Title 20 Regulation
- Ability to communicate with pool control systems
- Discount Symbol: DS-FPS

PREMIUM ENERGY EFFICIENT, VARIABLE SPEED, SQUARE FLANGE, CATEGORY "S"

THP	RPM	Voltage	Freq	SF Amps	System Efficiency	Power Factor Corrected	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.65	600-3450	115/230	50/60	13.6/6.8	81%	Yes	NPTQ165*	48Y	10.66	30	\$933
2.25	600-3450	230	50/60	9.5	84%	Yes	NPTQ225*	48Y	10.66	35	\$987
2.7	600-3450	230	50/60	11.1	84%	Yes	NPTQ270*	48Y	10.66	35	\$1,099
3.45	600-3450	230	50/60	14.0	85%	Yes	NPTQ345*	48Y	10.98	37	\$1,255

PREMIUM ENERGY EFFICIENT, VARIABLE SPEED, 56J MOUNTING, CATEGORY "J"

THP	RPM	Voltage	Freq	SF Amps	System Efficiency	Power Factor Corrected	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.65	600-3450	115/230	50/60	13.6/6.8	81%	Yes	NPTT165*	56J	10.01	30	\$933
2.25	600-3450	230	50/60	9.5	84%	Yes	NPTT225*	56J	10.01	35	\$987
2.7	600-3450	230	50/60	11.1	84%	Yes	NPTT270*	56J	10.01	35	\$1,099
3.45	600-3450	230	50/60	14.0	85%	Yes	NPTT345*	56J	10.01	37	\$1,255



Simple & Intuitive Neptune® User Interface

- Most Simple Programming: Set the # of Gallons in the customer's pool then set the GPM of the pump at full speed. Then press Start and the Neptune® motor will power the pump to filter the pool in the most energy efficient manner possible.
- One touch speed settings closely tie to the 2021 DOE Regulation speed settings: Speed 1 = 1380 RPM, Speed 2 = 1725 RM & Speed 3 = 2760 RPM
- One touch Clean button which runs the motor at 3450 RPM for 30 minutes
- Up and Down arrows allow for navigation through menu options and allow for one touch +/- 10 RPM speed changes for fine tuning flow rates
- LCD screen alternately displays Time of Day and Current Speed then the Current Operation Mode and the time remaining in this Mode

* California Energy Commission (CEC) Appliance Regulations (Title 20) and New York Regulation (Title 21) compliant

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.

NEPTUNE® Hybrid Variable Speed Motor/Control Category “S” & “J” Pool Pump



FEATURES:

- Fully Integrated Variable Speed Motor & Control
- Brushless Permanent Magnet (BPM) Motor
- Proposed DOE Regulation & CEC Title 20 Compliant
- Dual Voltage 1.25THP & 1.65THP Models (no output power reduction on low/115 voltage)
- TEFC -- IPX5 Enclosure
- Shaft Threads -- (Square Flange) 1/2-20 UNC-2A or (C-Flange) 7/16-20 UNF-2A
- 50°C Ambient
- Triple Bearing Protection
- 1081 Design
- Continuous Duty
- Class F Insulated
- Sealed Ball Bearings
- 300 Series Stainless Steel Shaft
- Speed Range: 600-2760, 3450 RPM
- Discount Symbol: DS-FPS
- Fully Functional User Interface (Back Lit)
- Connection capability to Pool Control Systems
- Up to Seven Daily Schedules Can Be Programmed
- Adjustable Priming Time & Speed
- Menu Keypad Lockout
- Designed For Quiet Operation
- Low Temperature Monitor
- DOE Default Programming
- Simple "Drop In" installation with No Complex Wiring
- Factory Programmed Schedule Settings to Meet the Proposed DOE & the CEC Title 20 Regulation
- Meets required CEC motor efficiency levels of 80% or higher

Premium Energy Efficient, Variable Speed, Square Flange, Category “S”

THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.25	600-3450	230/115	50/60	7.8/14.4	NPHQ125*	48Y	11.48	26	\$610
1.65	600-2760/3450	230/115	60	8.5/16.0	NPHQ165*	48Y	14.98	36	\$700
2.25	600-2760/3450	230	60	10.2	NPHQ225*	48Y	14.98	37	\$745

Premium Energy Efficient, Variable Speed, 56J Mounting, Category “J”

THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.25	600-3450	230/115	50/60	7.8/14.4	NPHT125*	56J	10.7	24	\$610
1.65	600-2760/3450	230/115	60	8.5/16.0	NPHT165*	56J	14.07	34	\$700
2.25	600-2760/3450	230	60	10.2	NPHT225*	56J	14.07	35	\$745



Simple & Intuitive Neptune® User Interface

- Most Simple Programming: Set the # of Gallons in the customer's pool then set the GPM of the pump at full speed. Then press Start and the Neptune® motor will power the pump to filter the pool in the most energy efficient manner possible.
- One touch speed settings closely tie to the 2021 DOE Regulation speed settings: Speed 1 = 1380 RPM, Speed 2 = 1725 RM & Speed 3 = 2760 RPM
- One touch Clean button which runs the motor at 3450 RPM for 30 minutes
- Up and Down arrows allow for navigation through menu options and allow for one touch +/- 10 RPM speed changes for fine tuning flow rates
- LCD screen alternately displays Time of Day and Current Speed then the Current Operation Mode and the time remaining in this Mode

* California Energy Commission (CEC) Appliance Regulations (Title 20) and New York Regulation (Title 21) compliant

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.

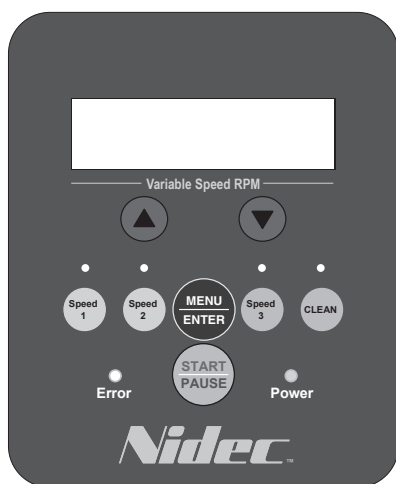
NEPTUNE® Variable Speed Motor & Control Thru-Bolt Mount Above Ground Pool Pump



FEATURES:

- Fully Integrated Variable Speed Motor & Control
- Brushless Permanent Magnet (BPM) Motor
- Proposed DOE Regulation & CEC Title 20 Compliant
- TEFC -- IPX5 Enclosure
- Shaft Threads -- 3/8-16 UNC-2A
- 50°C Ambient
- Triple Bearing Protection
- 1081 Design
- Continuous Duty
- Class F Insulated
- Sealed Ball Bearings
- 80%+ Motor & Control Efficiency @ Full Speed
- 300 Series Stainless Steel Shaft
- Speed Range: 600-3450 RPM
- Low Temperature Monitor
- Finned Aluminum Enclosure
- Fully Functional User Interface (Back Lit)
- Modbus & Low Voltage Connection to Pool Control Systems
- Up to Seven Daily Schedules Can Be Programmed
- Adjustable Priming Time & Speed
- Menu Keypad Lockout
- Designed For Quiet Operation
- Simple "Drop In" installation with No Complex Wiring
- Factory Programmed Schedule Settings to Meet the Proposed DOE & the CEC Title 20 Regulation
- Ability to communicate with pool control systems
- **Discount Symbol: DS-FPS**

THP	RPM	Voltage	Freq	SF Amps	System Efficiency	Power Factor Corrected	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.5	600-3450	115/230	50/60	13.0/6.5	81%	Yes	NPTA150*	48Y	9.40	30	\$908



Simple & Intuitive Neptune® User Interface

- **Most Simple Programming:** Set the # of Gallons in the customer's pool then set the GPM of the pump at full speed. Then press Start and the Neptune® motor will power the pump to filter the pool in the most energy efficient manner possible.
- **One touch speed settings** closely tie to the 2021 DOE Regulation speed settings: Speed 1 = 1380 RPM, Speed 2 = 1725 RM & Speed 3 = 2760 RPM
- **One touch Clean button** which runs the motor at 3450 RPM for 30 minutes
- **Up and Down arrows** allow for navigation through menu options and allow for one touch +/- 10 RPM speed changes for fine tuning flow rates
- **LCD screen** alternately displays Time of Day and Current Speed then the Current Operation Mode and the time remaining in this Mode

* California Energy Commission (CEC) Appliance Regulations (Title 20) and New York Regulation (Title 21) compliant

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.

Premium Efficient Two-Speed Pool and Spa Motors NEW Switchless Design, 6.5" Frame Diameter, Category "S" & "J"



Eliminate the Industry's #1 cause of failure on two-speed motors, the mechanical switch, with these switchless premium efficient two-speed motors

FEATURES:

- Two Compartment
- Shaft Threads – (Square Flange) 1/2-20 UNC-2A or (C-Flange) 7/16-20 UNF-2A
- 50°C Ambient
- 1081 Design
- Continuous Duty
- Open Dripproof
- Class B Insulated
- 300 Series Stainless Steel Shaft
- Thermally Protected
- 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

extreme-E Square Flange, Premium Energy Efficient, Total Horsepower Rated, Category "S"



THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.25/0.20	3450/1725	230	60	5.8/1.2	ASB2980	56Y	12.99	27	\$433
1.65/0.26	3450/1725	230	60	7.4/1.4	ASB2982	56Y	13.24	29	\$445
2.25/0.38	3450/1725	230	60	9.2/2.1	ASB2983	56Y	13.74	31	\$507
2.60/0.43	3450/1725	230	60	10.6/2.4	ASB2984	56Y	14.24	36	\$618



extreme-E C-Flange, Premium Energy Efficient, Total Horsepower Rated, Category "J"



THP	RPM	Voltage	Freq	Max Pump SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.25/0.17	3450/1725	230	60	5.8/1.2	ASB2973H	56J	12.01	27	\$431
1.65/0.20	3450/1725	230	60	7.4/1.3	ASB2975	56J	12.01	29	\$443
2.25/0.30	3450/1725	230	60	9.2/2.1	ASB2977	56J	12.51	31	\$505
2.60/0.33	3450/1725	230	60	10.6/2.4	ASB2979	56J	12.51	36	\$616

NOTE: Toggle switch cover assembly available for two speed models - LO-OFF-HI- X2975769700000L

Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.



Extreme-E" represents one of our most efficient running, highest performing lines of motors.

AQUA-SHIELD PRO®

Totally Enclosed Fan Cooled Pool and Spa Motors

Switchless Design, Finned Aluminum Frame, 5.5" Frame Diameter, Category "S" & "J"



What benefits does the Aqua-Shield PRO's IPX5 enclosure provide your customers? First, the aluminum fin construction provides additional corrosion resistance and helps dissipate heat which promotes cooler running motors. Second, this product line of motors is designed and tested and is protected against low pressure water jets hitting the motor from any direction. This motor prevents the intrusion of moisture from getting inside the motor near the electrical components and this helps reduce winding failures even in the most extreme environments. If your customers have pumps and motors operating in wet, humid environments, the AQUA-SHIELD PRO® pump motor is what you need.

FEATURES:

- Shaft Threads – (Square Flange) 1/2-20 UNC-2A or (C-Flange) 7/16-20 UNF-2A
- 50°C Ambient
- 1081 Design
- Continuous Duty
- Class F Insulated
- Totally Enclosed, Fan Cooled, IPX5 Enclosure
- 300 Series Stainless Steel Shaft
- Thermally Protected
- 5.5" Diameter Frame
- Triple Bearing Protection
- Finned Aluminum Frame
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data
- Discount Symbol: DS-FPS



Square Flange, Premium Energy Efficient, Total Horsepower Rated, Category "S"

THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.25	3450	208-230/115	60	5.9-5.5/11.0	TEQ125	48Y	12.10	26.5	\$314
1.65	3450	208-230/115	60	8.1-7.2/14.4	TEQ165	48Y	13.10	29.5	\$341
2.25	3450	208-230/115	60	10.5-9.4/18.8	TEQ225	48Y	13.10	31.5	\$435
2.70	3450	208-230	60	11.6-10.5	TEQ270	48Y	13.10	28	\$522
3.45	3450	208-230	60	15.2-14.9	TEQ345	48Y	13.15	34	\$659



C-Flange, Premium Energy Efficient, Total Horsepower Rated, Category "J"

THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.25	3450	208-230/115	60	5.9-5.5/11.0	TET125	56J	12.84	26.5	\$305
1.65	3450	208-230/115	60	8.1-7.2/14.4	TET165	56J	12.84	29	\$330
2.25	3450	208-230/115	60	10.5-9.4/18.8	TET225	56J	12.84	31	\$424
2.75	3450	208-230	60	11.6-10.5	TET275	56J	12.84	28	\$505
3.45	3450	208-230	60	15.2-14.9	TET345	56J	13.41	34	\$640

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.



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

AQUA-SHIELD® EZ48® Square Flange Pool and Spa Motors

Switch Design, 5.5" Frame Diameter: Category "S"



FEATURES:

- Two Compartment
- Shaft Threads - 1/2-20 UNF-2A
- 50°C Ambient
- Triple Bearing Protection
- 1081 Design
- Continuous Duty
- Open Dripproof
- Sealed Ball Bearings

- Thermally Protected
- Class B Insulated
- 300 Series Stainless Steel Shaft
- Voltage Selection Device (Dual Voltage Only)
- 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	Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
0.65	3450	230/115	60	4.1/8.2	ASQ065	48Y	11.80	15	\$232
0.95	3450	230 /115	60	5.5/11.0	ASQ095	48Y	12.05	16	\$243
1.25	3450	230 /115	60	7.0/14.0	ASQ125	48Y	13.05	21	\$276
1.65	3450	230 /115	60	9.0/18.0	ASQ165	48Y	13.05	25	\$321
2.25	3450	230 /115	60	9.5/19.0	ASQ225*	48Y	13.30	28	\$415
2.25	3450	230	60	9.5	ASQ225H*	48Y	13.30	28	\$415
2.60	3450	230	60	11.2	ASQ260*	48Y	13.30	30	\$513

High Efficiency, Total Horsepower Rated



THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
0.95	3450	230 /115	60	4.6/9.2	AQC095	48Y	12.60	18	\$292
1.25	3450	230 /115	60	5.7/11.4	AQC125*	48Y	12.80	24	\$321
1.65	3450	230 /115	60	7.6/15.2	AQC165*	48Y	13.30	26	\$348

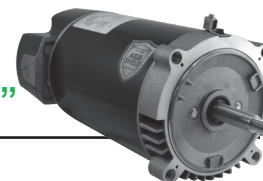
PENTAIR Max-E-GLAS® & DURA*GLAS® Replacement Motor Base Available B3574344900010L

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.

▲ High Efficiency, Capacitor Start/Run Design

AQUA-SHIELD® EZ48® C-Flange Pool and Spa Motors

Switch Design, 5.5" Frame Diameter, Threaded Shaft: Category "J"



FEATURES:

- Two Compartment
- Triple Bearing Protection
- Thermally Protected
- 1081 Design
- Shaft Threads - 7/16-20 UNF-2A
- Class B Insulated

- Open Dripproof
- Continuous Duty
- 50°C Ambient
- 300 Series Stainless Steel Shaft
- Sealed Ball Bearings
- Voltage Selection Device (Dual Voltage Only)
- 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	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
0.95	3450	230/115	60	5.5/11.0	AST095	56J	11.25	16	\$236
1.25	3450	230/115	60	7.0/14.0	AST125	56J	12.25	21	\$263
1.65	3450	230/115	60	8.5/17.0	AST165	56J	12.75	24	\$301
2.25	3450	230/115	60	9.5/19.0	AST225	56J	13.89	27	\$415
2.75	3450	208-230	60	12.3-11.3	AST275▲	56J	13.00	28.5	\$487

High Efficiency, Total Horsepower Rated



THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
0.95	3450	230/115	60	4.6/9.2	AQC095▲	48Y	12.05	19	\$292
1.25	3450	230/115	60	5.7/11.4	AQC125▲	48Y	12.80	24	\$321
1.65	3450	230/115	60	7.6/15.2	AQC165▲	48Y	13.30	26	\$348

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.

▲High Efficiency, Capacitor Start/Run Design

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)
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data

- 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.	List
0.98	3450	230 /115	60	5.4/10.8	ASB846	56Y	11.99	22	\$247
1.25	3450	230 /115	60	7.0/14.0	ASB847	56Y	12.49	23	\$281
1.65	3450	230 /115	60	7.7/15.4	ASB848	56Y	12.74	25	\$321
2.25	3450	230 /115	60	10.8/21.6	ASB858	56Y	13.74	32	\$423
2.60	3450	230	60	11.5	ASB748	56Y	13.74	30	\$513
3.45	3450	208-230	60	14.8-13.5	ASB844	56Y	14.24	38	\$620
5.00	3450	208-230	60	21.0-19.4	ASB850 ^Δ	56Y	15.74	50	\$705

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.	List
0.98	3450	208-230/115	60	4.4-4.2/8.4	ASB845	56Y	12.24	20	\$292
1.25	3450	208-230/115	60	5.9-5.5/11.0	ASB661	56Y	12.74	23	\$321
1.65	3450	208-230/115	60	7.6-7.2/14.4	ASB841	56Y	12.99	25	\$348
2.25	3450	208-230/115	60	9.7-9.0/18.0	ASB842	56Y	13.74	33	\$439
2.60	3450	208-230	60	10.6-10.0	ASB843	56Y	13.74	35	\$522
3.45	3450	208-230	60	14.8-13.5	ASB844	56Y	14.24	38	\$620
5.00	3450	208-230	60	21.0-19.4	ASB850 ^Δ	56Y	15.74	50	\$705

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.	List
3/4/12	1.67	1.25/0.20	3450/1725	115	60	14.5/5.3	°EB981	56Y	12.30	30	\$449

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

^Δ190 Volt Maximum Operating Voltage for 50 Hz

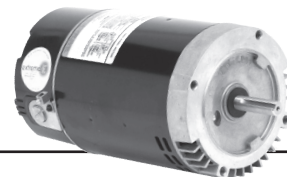
[◇] Not Normally Stocked

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.



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

C-Flange Pool and Spa Motors Switchless Design, 6.5" Frame Diameter, Category "C" & "J"



FEATURES:

- Two Compartment
- Shaft Threads - 7/16-20 UNF-2A
- 50°C Ambient
- 1081 Design
- Continuous Duty
- Class B Insulated
- Open Dripproof
- 300 Series Stainless Steel Shaft
- Thermally Protected
- Voltage Selection Device (Dual Voltage Only)
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data
- 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	Amps	Shaft	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
0.98	3450	230/115	60	5.4/10.8	Threaded	ASB126	56J	10.26	20	\$241
1.25	3450	230/115	60	7.0/14.0	Threaded	ASB127	56J	10.76	23	\$268
1.65	3450	230/115	60	7.7/15.4	Threaded	ASB128	56J	11.01	24	\$307
2.25	3450	230/115	60	10.8/21.6	Threaded	ASB129	56J	12.01	31	\$415
2.60	3450	230	60	11.5	Threaded	ASB130	56J	11.76	30	\$497
3.45	3450	208-230	60	14.8-13.5	Threaded	ASB818	56J	12.51	36	\$659
5.00	3450	208-230	60	21.0-19.4	Threaded	ASB819 ^Δ	56J	14.01	50	\$713



Premium Energy Eff., Total Horsepower Rated (Suitable for 50Hz)**



THP	RPM	Voltage	Freq	Amps	Shaft	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
0.98	3450	208-230/115	60	4.5-4.3/8.6	Keyed	ASB656	56C	10.51	20	\$303
0.98	3450	208-230/115	60	4.5-4.3/8.6	Threaded	ASB657	56J	10.51	20	\$307
1.25	3450	208-230/115	60	5.9-5.5/11.0	Keyed	ASB634	56C	11.01	23	\$333
1.25	3450	208-230/115	60	5.9-5.5/11.0	Threaded	ASB638	56J	11.01	23	\$337
1.65	3450	208-230/115	60	7.6-7.2/14.4	Keyed	ASB653	56C	11.26	25	\$370
1.65	3450	208-230/115	60	7.6-7.2/14.4	Threaded	ASB654	56J	11.26	25	\$374
2.25	3450	208-230/115	60	9.7-9.0/18.0	Keyed	ASB795	56C	12.01	32	\$410
2.25	3450	208-230/115	60	9.7-9.0/18.0	Threaded	ASB796	56J	12.01	32	\$428
2.60	3450	208-230	60	10.6-10.0	Keyed	ASB808	56C	12.01	34	\$492
2.60	3450	208-230	60	10.6-10.0	Threaded	ASB809	56J	12.01	32	\$501
3.45	3450	208-230	60	14.8-13.5	Keyed	ASB817	56C	12.51	36	\$651
3.45	3450	208-230	60	14.8-13.5	Threaded	ASB818	56J	12.51	36	\$659
5.00	3450	208-230	60	21.0-19.4	Threaded	ASB819 ^Δ	56J	14.01	50	\$713
5.00	3450	208-230	60	21.0-19.4	Threaded	♦ASB116 ^{Δ◇}	56Y	14.76	53	\$800

PENTAIR Max-E-GLAS™ & DURA*GLAS™ Replacement Motor Base Available B3574344900010L

^Δ190 Volt Maximum Operating Voltage for 50 Hz

♦B14 flange, metric shaft

◇ Not Normally Stocked

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.



Extreme-E™ represents one of our most efficient running, highest performing lines of motors.

C-Flange Pool and Spa Motors Switchless Design, 6.5" Frame Diameter (Continued): Category "C" & "J"



FEATURES:

- Two Compartment
- Shaft Threads - 7/16-20 UNF-2A
- 50°C Ambient
- 1081 Design
- Continuous Duty
- 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
- Discount symbol: DS-FPS

extreme-E Two Speed, Total Horsepower Rated, Soft Start

THP	RPM	Voltage	Freq	Amps	Shaft	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1.25/0.17	3450/1725	115V	60	14.5/5.3	Threaded	EB973	56J	11.02	28	\$433

NOTE: Toggle switch cover assembly available for two speed models - LO-OFF-HI- X2975769700000L

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 Drip Proof
- 300 Series Stainless Steel Shaft
- Thermally Protected
- Secondary "Max Pump" Service Factor (SF) for C-Flange motors to allow for popular OEM pump loading
- 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, Full Service Factor, Full Rated

HP	NEMA [†] SF	Max Pump SF	THP	RPM	Voltage	Freq	NEMA [†] SF Amps	Max Pump SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Replacement Brand	List
3/4	1.50	1.65	1.25	3450	230/115	60	6.3/12.6	7.0/14.0	ASB625	56CZ	10.76	23	Polaris/Zodiac	\$305
3/4	1.50	1.65	1.25	3450	230/115	60	6.0/12.0	7.0/14.0	ASB668	56CZ	10.76	23	Letro/Pentair	\$305

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.

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

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
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data
- **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	List
1/2	1.90	3450	208-230/460	60	2.9-2.6/1.3	EH491	56Y	10.27	23	Threaded	\$312
3/4	1.65	3450	208-230/460	60	4.1-3.8/1.9	EH492	56Y	10.27	23	Threaded	\$343
1.0	1.65	3450	208-230/460	60	4.8-4.6/2.3	EH635	56Y	10.27	25	Threaded	\$383
1.5	1.47	3450	208-230/460	60	6.4-6.2/3.1	EH636	56Y	10.52	28	Threaded	\$486
2.0	1.30	3450	208-230/460	60	7.0-6.6/3.3	EH637	56Y	11.02	33	Threaded	\$589
3.0	1.15	3450	208-230/460	60	9.6-9.4/4.7	EH755	56Y	12.04	41	Threaded	\$638
5.0	1.00	3450	208-230/460	60	13.7-13.0/6.5	EH995	56Y	13.50	52	Threaded	\$705

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	List
1/2	1.60	3450	208-230/460	60	2.7-2.4/1.2	EH281	56C	9.07	22	Keyed	\$268
1/2	1.60	3450	208-230/460	60	2.7-2.4/1.2	EH282	56J	9.07	26	Threaded	\$294
3/4	1.50	3450	208-230/460	60	3.7-3.6/1.8	EH450	56C	9.07	22	Keyed	\$299
3/4	1.50	3450	208-230/460	60	3.7-3.6/1.8	EH451	56J	9.07	22	Threaded	\$326
1.0	1.40	3450	208-230/460	60	4.4-4.2/2.1	EH513	56C	9.07	24	Keyed	\$339
1.0	1.40	3450	208-230/460	60	4.4-4.2/2.1	EH514	56J	9.07	24	Threaded	\$370
1.5	1.30	3450	208-230/460	60	6.0-5.8/2.9	EH616	56C	9.31	27	Keyed	\$441
1.5	1.30	3450	208-230/460	60	6.0-5.8/2.9	EH617	56J	9.31	27	Threaded	\$477
2.0	1.20	3450	208-230/460	60	6.6-6.4/3.2	EH704	56C	9.82	32	Keyed	\$482
2.0	1.20	3450	208-230/460	60	6.6-6.4/3.2	EH705	56J	9.82	32	Threaded	\$544
3.0	1.15	3450	208-230/460	60	9.6-9.4/4.7	EH740	56C	10.82	40	Keyed	\$602
3.0	1.15	3450	208-230/460	60	9.6-9.4/4.7	EH741	56J	10.82	40	Threaded	\$655

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
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data
- 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.	List
3/4	1.85	1.40	3450	208-230/115	60	6.0-5.5/11.0	ESN1072	56J	11.01	25	\$357
1.0	1.85	1.85	3450	208-230/115	60	8.5-7.8/15.6	ESN1102	56J	11.51	28	\$396
1.5	1.60	2.40	3450	208-230/115	60	11.0-10.2/20.4	ESN1152	56J	12.01	31	\$454
2.0	1.35	2.70	3450	208-230	60	13.0-11.8	ESN1202	56J	12.01	33	\$531
3.0	1.60	4.80	3450	208-230	60	20.6-19.0	ESN1302	56J	14.01	35	\$796

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.



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.	List
1.0	1.40	1.40	3450	208-230/115	60	6.0-5.5/11.0	EUSN1102	56J	11.01	25	\$357
1.5	1.25	1.85	3450	208-230/115	60	8.5-7.8/15.6	EUSN1152	56J	11.51	28	\$396
2.0	1.20	2.40	3450	208-230/115	60	11.0-10.2/20.4	EUSN1202	56J	12.01	31	\$454
2.5	1.10	2.70	3450	208-230	60	13.0-11.8	EUSN1252	56J	12.01	35	\$531
3.0	1.20	3.60	3450	208-230	60	16.0-14.8	EUSN1302	56J	12.76	39	\$763

HAYWARD TRISTAR^{®†} 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
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data
- Discount symbol: DS-FPS



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.	List
1/2	1.98	0.98	3450	208-230/115	60	5.3-4.9/9.8	ET3205	56Y	12.49	22	\$299
3/4	1.85	1.40	3450	208-230/115	60	7.0-6.2/12.4	ET3207	56Y	12.74	26	\$336
1.0	1.85	1.85	3450	208-230/115	60	8.5-7.4/14.8	ET3210	56Y	13.24	30	\$380
1.5	1.60	2.40	3450	208-230/115	60	11.2-10.2/20.4	ET3215	56Y	13.74	33	\$484
2.0	1.35	2.70	3450	208-230	60	11.8-11.0	ET3220	56Y	13.74	33	\$573
3.0	1.20	3.60	3450	208-230	60	16.0-14.8	ET3230	56Y	14.49	43	\$699

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



HP	SF	THP	RPM	Voltage	Freq	Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
3/4	1.25	0.98	3450	230/115	60	5.4/10.8	ASB846	56Y	11.99	22	\$247
1.0	1.25	1.25	3450	230/115	60	7.0/14.0	ASB847	56Y	12.49	23	\$281
1.5	1.10	1.65	3450	230/115	60	7.7/15.4	ASB848	56Y	12.74	25	\$321
2.0	1.10	2.25	3450	230/115	60	10.8/21.6	ASB858	56Y	13.74	32	\$423
2.5	1.04	2.60	3450	230	60	11.5	ASB748	56Y	13.74	30	\$513
3.0	1.15	3.45	3450	208-230	60	14.8-13.5	ASB844	56Y	14.24	38	\$620

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.



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

EZ48® Thru-Bolt Pool and Spa Motors 5.5" Frame Diameter



FEATURES:

- Open Dripproof
- Sealed Ball Bearings
- Class B Insulated
- 300 Series Stainless Steel Shaft
- 50° C Ambient
- 3 O'clock Conduit
- Shaft Thread-3/8-16 UNC 2A RH
- Rigid Base
- Sealed Switch Contacts
- Thermally Protected
- 1081 Design
- 3 1/2" Shaft Height
- **Discount symbol: DS-FPS**

Single Speed - 1.5 Compartment

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1/2	1.00	3450	115	60	7.5	EZBN23	48Y	8.7	15	\$155
3/4	1.00	3450	115	60	10.0	EZBN24	48Y	8.7	17	\$165
1.0	1.00	3450	115	60	12.0	EZBN25	48Y	9.3	22	\$182
1.5	1.00	3450	115	60	16.0	EZBV35	48Y	9.8	25	\$214
1.5	1.00	3450	230/115	60	7.7/15.4	EZBN35	48Y	9.8	25	\$214

Two Speed - 1.5 Compartment

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
3/4/.10	1.00	3450/1725	115	60	7.6/3.0	EZBN36	48Y	9.56	17	\$214
1.0/.12	1.00	3450/1725	115	60	9.5/3.2	EZBN37	48Y	9.56	19	\$228
1.5/.18	1.00	3450/1725	115	60	13.3/4.1	EZBN50	48Y	10.56	25	\$285

Rocker Switch Cover Assembly available:

Two Speed - LO-OFF-HI-X2975862300000L

One Speed - ON-OFF-X2975862200000L

Thru-Bolt Spa Circulator Pump Motors 5.5" Frame Diameter

FEATURES:

- Open Dripproof
- Thru Bolt Mount
- Class B Insulated
- Rigid Base
- 50° C Ambient
- 3 O'clock Conduit
- Thermally Protected
- 3 1/2" Shaft Height
- 1081, 1563 & 1795 Design
- Shaft Thread-3/8-16 UNC 2A RH
- Sealed Ball Bearings
- **Discount symbol: DS-FPS**

Single Speed - Spa Circulator Pump Motors

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	List
1/15	1.00	1725	115	60	1.3	EV115	48Y	7.25	19	\$146
1/15	1.00	1725	230	60	0.63	EV230	48Y	7.25	11.7	\$139

Note: Contact dealer for full conditions of operation

Catalog numbers are for competitive comparison purposes only.

Thru-Bolt Pool and Spa Motors 5.5" Frame Diameter



FEATURES:

- Open Dripproof
- Thru Bolt Mount
- Class F Insulated
- 1081,1563 & 1795 Design
- Rigid Base
- Continuous Duty
- 3 O'clock Conduit
- Shaft Thread - 3/8-16 UNC 2A RH
- Thermally Protected
- 3 1/2" Shaft Height
- 50° C Ambient
- Discount symbol: DS-FPS

Single Speed

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Notes	List
1/2	1.00	3450	115	60	7.5	AGL50FL1	48Y	7.8	15	2,5	\$155
3/4	1.00	3450	115	60	10.0	AGL75FL1	48Y	7.8	17	2,5	\$165
3/4	1.00	3450	230	60	5.0	AGH75FL1	48Y	7.8	17	2,5	\$171
1.0	1.00	3450	115	60	12.0	AGL10FL1	48Y	8.4	22	2,5	\$182
1.0	1.00	3450	230	60	6.0	AGH10FL1	48Y	8.4	22	2,5	\$190
1.5	1.00	3450	230/115	60	7.7/15.4	AGD15FL1	48Y	8.9	25	2,5	\$214
2.0	1.00	3450	230	60	10.5	SPH20FLC1	48Y	10.2	27	4	\$257
2.0	1.00	3450	230	60	8.7	SPH20FL1	48Y	10.2	28	1	\$269
2.5	1.00	3450	230	60	10.0	SPH25FL1	48Y	10.2	31	1	\$303
3.0	1.00	3450	230	60	12.0	SPH30FL1	48Y	10.2	31	1	\$330

Two Speed, Soft Start

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Notes	List
3/4/10	1.00	3450/1725	115	60	9.8/3.2	AGL75FL2	48Y	7.8	20	2,3,5	\$214
1/12	1.00	3450/1725	115	60	10.3/3.8	AGL10FL2S	48Y	9.6	23	2,5	\$228
1/12	1.00	3450/1725	230	60	6.1/1.8	AGH10FL2	48Y	9.6	23	2,3,5	\$228
1.5/18	1.00	3450/1725	115	60	16.4/4.4	AGL15FL2CS	48Y	10.2	26	2	\$285
1.5/18	1.00	3450/1725	230	60	8.0/2.5	AGH15FL2CS	48Y	10.2	26	2	\$285
1.5/18	1.00	3450/1725	115	60	13.6/3.6	SPL15FL2S	48Y	10.2	27	1,4	\$303
2/25	1.00	3450/1725	230	60	10.5/3.0	SPH20FL2CS	48Y	10.2	29	4	\$317
2/25	1.00	3450/1725	230	60	8.6/3.4	SPH20FL2S	48Y	10.2	30	1,4	\$339
2.5/33	1.00	3450/1725	230	60	11.0/3.3	SPH25FL2S	48Y	10.2	32	1,4	\$342
3/38	1.00	3450/1725	230	60	12.7/3.4	SPH30FL2S	48Y	10.6	35	1,4	\$374

Single Speed, 50Hz, CE Conformance

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Notes	List
1.0	1.00	3450/2850	220-240	60/50	6.3/6.0	AGH10FL150	48Y	8.2	23	2,5	\$190

Single Speed, Less Rigid Base

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Notes	List
1.0	1.00	3450	115	60	12.0	AGL10FL1NB	48Y	8.4	22	2,5	\$210

Hoffinger Replacement, Thru Bolt Mount, Less Rigid Base, Class B Insulated

HP	SF	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Replacement Brand	List
1.0	1.00	3450	115	60	10.0	AGL10FL1H2	48Y	9.6	12	Power Pack II	\$201
SPL	1.00	3450	115	60	12.0	AGL15FL1H2	48Y	10.1	15	Power Pack II	\$223

NOTES:

- 1) Capacitor start/capacitor run (extra low running amps)
- 2) 416 Stainless Steel Extension
- 3) High Speed Start
- 4) 1563 & 1795 design only
- 5) Class B Insulated

Note: Contact dealer for full conditions of operation

Catalog numbers are for competitive comparison purposes only.

Toggle switch cover assembly available for two speed models - LO-OFF-HI- X2972706700000L

Toggle switch cover assembly available for single speed models - ON-OFF-X2972712900000L

Thru-Bolt Pool & Spa 6.5" Frame Diameter



FEATURES:

- Open Drip Proof
- Thru-Bolt Mount
- Class F Insulated
- 1081 & 1563 Design
- Sealed Ball Bearing
- Rigid Base
- Thermally Protected
- 60°C Ambient
- 3 o'clock Conduit
- Premium Energy Efficient Design
- Shaft Thread - 3/8-16 UNC-2A
- Discount Symbol: DS-FPS

extreme-E Premium Energy Efficient, Single Speed, Switchless Design

HP	SF	THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Notes	List
1.5	1.00	1.50	3450	230/115	60	8.8/17.5	ASB602	56Y	9.58	28	1	\$255
2.0	1.00	2.00	3450	230	60	10.0	ASB603	56Y	9.58	28		\$280
2.5	1.00	2.50	3450	230	60	10.5	ASB604	56Y	9.58	30		\$312
3.0	1.00	3.00	3450	230	60	12.0	ASB605	56Y	10.08	33		\$363
4.0	1.00	4.00	3450	230	60	16.4	ASB606	56Y	10.58	37		\$414

extreme-E Premium Energy Efficient, Two Speed, Soft Start

HP	SF	THP	RPM	Voltage	Freq	SF Amps	Catalog Number	Motor Frame	Length Less Shaft	Wgt.	Notes	List
1.5/18	1.00	1.5/18	3450/1725	230	60	8.0/3.0	ASB502	56Y	9.58	31		\$280
2.0/25	1.00	2.0/25	3450/1725	230	60	10.0/3.5	ASB503	56Y	10.08	35		\$327
2.5/33	1.00	2.5/33	3450/1725	230	60	10.5/3.8	ASB504	56Y	10.33	38		\$364
3.0/38	1.00	3.0/38	3450/1725	230	60	12.0/4.4	ASB505	56Y	10.83	36		\$403
4.0/50	1.00	4.0/50	3450/1725	230	60	16.4/4.8	ASB506	56Y	11.58	45		\$476
5.0/63	1.00	5.0/63	3450/1725	230	60	19.5/5.0	TT507	56Y	12.08	48		\$512

NOTE:

1) Capacitor start design

Note: Contact dealer for full conditions of operation
Catalog numbers are for competitive comparison purposes only.



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

Pool & Spa Motors - Close Coupled Pumps PENTAIR EQ SERIES®† Replacement Pool Motors



Open Drip Proof, Premium Efficient, Full Service Factor, Full Rated

FEATURES:

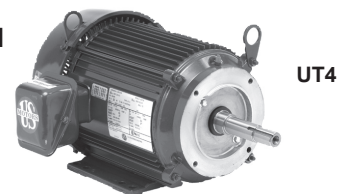
- Special JMZ Mounting
- 40°C Ambient
- Continuous Duty
- Class F Insulated
- Open Drip Proof
- Permanently Lubricated Ball Bearings
- Rigid Base
- Black Paint
- Special Ground Lug
- 300 Series Stainless Steel Shaft
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data
- Discount Symbol: DS-FPS

HP	Phase	RPM	Frame	Voltage	Catalog Number	SF	Full Load		Wgt.	List
							EFF	PF		
5	1	3600	184JMZ	230	EEQ500	1.15	88.0%	94.0%	78	\$1,424
	3	3600	182JMZ	208-230/460	EEQK500	1.15	89.5%	85.8%	50	\$961
7.5	3	3600	184JMZ	208-230/460	EEQK750	1.15	88.5%	87.0%	60	\$1,109
	1	3600	213JMZ	230	EEQ750	1.15	87.0%	92.3%	70	\$2,449
10	3	3600	213JMZ	208-230/460	EEQK1000	1.15	90.2%	79.2%	90	\$1,468
15	3	3600	215JMZ	208-230/460	EEQK1500	1.15	91.0%	82.0%	105	\$1,635

Totally Enclosed Fan Cooled, Premium Efficient, Full Service Factor, Full Rated

FEATURES:

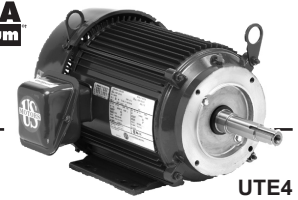
- Special JMZ Mounting
- 40°C Ambient
- Continuous Duty
- Class F Insulated
- Totally Enclosed Fan Cooled
- Permanently Lubricated Ball Bearings
- Rigid Base
- Black Paint
- Special Ground Lug
- 300 Series Stainless Steel Shaft Extension
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data
- Discount Symbol: DS-FPS



HP	Phase	RPM	Frame	Voltage	Catalog Number	SF	Full Load		Wgt.	List
							EFF	PF		
5	3	3600	184JMZ	208-230/460	EEQKT500	1.25	88.5%	87.1%	70	\$1,067
7.5	3	3600	213JMZ	208-230/460	EEQKT750	1.25	91.0%	86.8%	105	\$1,363
10	3	3600	215JMZ	208-230/460	EEQKT1000	1.25	91.0%	87.6%	120	\$1,630
15	3	3600	215JMZ	208-230/460	EEQKT1500	1.25	91.0%	85.3%	120	\$1,815

Special Application Close Coupled Pump Three Phase Totally Enclosed Fan Cooled (TEFC) NEMA® Premium Efficient

NEMA
Premium



UTE4

APPLICATIONS:

For the specific requirements of centrifugal pumps where the pump impeller is mounted directly on the motor shaft. Used in damp, dusty or dirty environments.

FEATURES:

- Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- Cast Iron Frame 280 & Up, Aluminum 180-250, Rolled Steel 140
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data
- Cast Iron End Brackets 280 & Up, 250 Frame and Lower Has Aluminum With Steel Bearing Inserts
- 40°C Ambient, NEMA® Design B Performance On 60 Hertz Sine Wave Power
- Regreasable Shaft End Bearing 180 Frame & Up
- Double Shielded Bearings
- Removable Base (180 - 250 Frame)
- Lifting Provisions 180 Frame & Up
- Conversion Kits: Canopy Kits

JM Shaft For Mechanical Seal

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
1	3600	230/460	143JM	UJ1P1BM	\$529	DS-3PT	1.25	14.3	30	81.5	2.7/1.4	
	3600	575	143JM	UJ1P1GM	\$529	DS-3PT	1.25	14.3	30	81.5	1.1	
	1800	208-230/460	143JM	UJ1P2DM	\$518	DS-3PT	1.25	15.3	30	85.5	3.1-3/1.5	03
	1800	575	143JM	UJ1P2GM	\$518	DS-3PT	1.25	14.3	30	85.5	1.1	
1 1/2	3600	208-230/460	143JM	UJ32P1DM	\$584	DS-3PT	1.25	15.3	30	84.0	4.1-3.8/1.9	03
	3600	575	143JM	UJ32P1GM	\$584	DS-3PT	1.25	14.3	30	84.0	1.6	
	1800	208-230/460	145JM	UJ32P2DM	\$565	DS-3PT	1.15	15.3	35	86.5	4.5-4.3/2.1	03
	1800	575	145JM	UJ32P2GM	\$565	DS-3PT	1.25	15.3	30	86.5	1.7	
2	3600	208-230/460	145JM	UJ2P1DM	\$622	DS-3PT	1.25	15.3	35	86.5	5.4-4.9/2.5	03
	3600	575	145JM	UJ2P1GM	\$622	DS-3PT	1.25	15.3	42	86.5	2	
	1800	208-230/460	145JM	UJ2P2DM	\$611	DS-3PT	1.25	15.3	35	86.5	5.9-5.7/2.8	03
	1800	575	145JM	UJ2P2GM	\$611	DS-3PT	1.25	15.3	35	86.5	2.3	
3	3600	208-230/460	145JM	UJ3P1DFM	\$738	DS-3PT	1.25	15.3	35	86.5	8.1-7.2/3.6	03,14
	3600	208-230/460	182JM	UJ3P1DM	\$886	DS-3PT	1.25	17.8	60	87.5	8.4-7.8/3.9	03
	3600	575	145JM	UJ3P1GFM	\$738	DS-3PT	1.25	15.3	35	86.5	2.9	14
	3600	575	182JM	UJ3P1GM	\$886	DS-3PT	1.25	17.8	100	87.5	3.1	
	1800	208-230/460	182JM	UJ3P2DM	\$795	DS-3PT	1.25	17.8	60	89.5	8.4-7.8/3.9	03
	1800	575	182JM	UJ3P2GM	\$795	DS-3PT	1.25	17.8	60	89.5	3.1	
5	3600	208-230/460	184JM	UJ5P1DM	\$1,088	DS-3PT	1.25	17.8	70	88.5	13.4-12.2/6.1	03
	3600	575	184JM	UJ5P1GM	\$1,088	DS-3PT	1.25	17.8	100	88.5	4.9	
	1800	208-230/460	184JM	UJ5P2DM	\$908	DS-3PT	1.25	18.6	70	90.2	13.6-12.3/6.2	03
	1800	575	184JM	UJ5P2GM	\$908	DS-3PT	1.25	18.6	70	89.5	5	
7 1/2	3600	208-230/460	184JM	UJ7P1DFM	\$1,213	DS-3PT	1.25	17.8	70	90.2	19.9-19/9.5	03,14
	3600	208-230/460	213JM	UJ7P1DM	\$1,345	DS-3PT	1.25	19.9	105	91.0	19.9-17.8/8.9	03
	3600	575	184JM	UJ7P1GFM	\$1,213	DS-3PT	1.25	17.8	70	89.5	7.1	14
	3600	575	213JM	UJ7P1GM	\$1,345	DS-3PT	1.25	19.9	240	91.0	7.1	
	1800	208-230/460	213JM	UJ7P2DM	\$1,228	DS-3PT	1.25	19.9	105	91.7	20-18.2/9.1	03
	1800	575	213JM	UJ7P2GM	\$1,228	DS-3PT	1.25	19.9	105	91.7	7.2	
10	3600	208-230/460	215JM	UJ10P1DM	\$1,556	DS-3PT	1.25	21.4	120	91.0	26.4-23.5/11.7	03
	3600	575	215JM	UJ10P1GM	\$1,556	DS-3PT	1.25	21.4	166	91.0	9.4	
	1800	208-230/460	215JM	UJ10P2DM	\$1,458	DS-3PT	1.25	21.4	120	91.7	26.5-23.9/12	03
	1800	575	215JM	UJ10P2GM	\$1,458	DS-3PT	1.25	21.4	120	91.7	9.6	

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate

Note 14 NEMA® Design A

Special Application Close Coupled Pump Three Phase Totally Enclosed Fan Cooled (TEFC) NEMA® Premium Efficient

NEMA
Premium



UTE4

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
10	3600	208-230/460	215JP	UJ10P1DP	\$1,556	DS-3PT	1.25	25.3	120	91.0	26.4-23.5/11.7	03
	1800	208-230/460	215JP	UJ10P2DP	\$1,458	DS-3PT	1.25	25.3	120	91.7	26.5-23.9/12	03
	1800	575	215JP	UJ10P2GP	\$1,458	DS-3PT	1.25	25.3	120	91.7	9.6	
15	3600	208-230/460	215JP	UJ15P1DFP	\$1,801	DS-3PT	1.25	25.3	120	91.7	39-36/18	03,14
	3600	208-230/460	254JP	UJ15P1DP	\$2,239	DS-3PT	1.25	28.3	180	91.0	39-35/17.7	03,14
	1800	208-230/460	254JP	UJ15P2DP	\$2,131	DS-3PT	1.25	28.3	180	92.4	40-37/18.4	03
	1800	575	254JP	UJ15P2GP	\$2,131	DS-3PT	1.25	28.3	180	92.4	14.6	
20	3600	208-230/460	256JP	UJ20P1DP	\$2,730	DS-3PT	1.25	30.0	230	91.7	51-46/23	03,14
	1800	208-230/460	256JP	UJ20P2DP	\$2,463	DS-3PT	1.25	30.0	230	93.0	53-47/23.5	03
	1800	575	256JP	UJ20P2GP	\$2,463	DS-3PT	1.25	30.0	230	93.0	19	
25	3600	208-230/460	256JP	UJ25P1DFP	\$3,235	DS-3PT	1.15	30.0	230	91.7	64-57/28.3	03,14
	3600	208-230/460	284JP	UJ25P1DP	\$3,595	DS-3PT	1.25	32.0	280	91.7	65-57/28.4	03
	1800	208-230/460	284JP	UJ25P2DP	\$3,237	DS-3PT	1.25	32.0	280	93.6	65-59/29.3	03
	1800	575	284JP	HJ25P2GP	\$3,237	DS-3PT	1.15	30.8	380	93.6	23	
30	3600	230/460	286JP	HJ30P1BP	\$4,383	DS-3PT	1.15	30.75	410	91.7	69/34	
	1800	208-230/460	286JP	UJ30P2DP	\$3,666	DS-3PT	1.25	32.0	300	93.6	78-70/35	03

Westcoast Shaft - Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
7 1/2	3600	208-230/460	213TCZ	UJ7P1DJ	\$1,345	DS-3PT	1.25	22.8	105	91.0	19.9-17.8/8.9	03
	1800	208-230/460	213TCZ	UJ7P2DJ	\$1,228	DS-3PT	1.25	22.8	105	91.7	20-18.2/9.1	03
10	3600	208-230/460	215TCZ	UJ10P1DJ	\$1,556	DS-3PT	1.25	24.3	120	91.0	26.4-23.5/11.7	03
	1800	208-230/460	215TCZ	UJ10P2DJ	\$1,458	DS-3PT	1.25	24.3	120	91.7	26.5-23.9/12	03
15	3600	208-230/460	215TCZ	UJ15P1DFJ	\$1,801	DS-3PT	1.25	24.3	120	91.7	39-36/18	03

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz; 460V 60 Hz ratings operate on 380V 50 Hz;

Full 60 & 50 Hz data on Nameplate

Note 14 NEMA® Design A

Special Application Close Coupled Pump Three Phase Open Drip Proof (ODP) NEMA® Premium Efficient



**NEMA
Premium**

DE1, DE3,
DE4, DEF4

APPLICATIONS:

For the specific requirements of centrifugal pumps where the pump impeller is mounted directly on the motor shaft.
Used in damp, dusty or dirty environments.

FEATURES:

- Class F Insulation, Class B Rise At Service Factor
- Rolled Steel Frame
- Aluminum End Shields 140-250, Cast Iron End Shields 280-320
- Oversized Ball Bearings w/Locked Shaft End Construction
- Premasked Mylar Nameplate
- F1 Assembly Position
- Regreasable Bearings 180 Frame & Up, Lifting Provisions 210 Frame & Up
- Double Shielded Bearings
- 40°C Ambient, NEMA® Design B Performance On 60 Hertz Sine Wave Power
- "JM" Shaft For Mechanical Seal
- "JM" Shaft on 210 Frame and Smaller; JP Shaft on 250 and 280 Frame
- 208v will not be marked on DOE regulated spread-voltage motors. Refer to online data

JM Shaft - Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
3/4	1200	208-230/460	143JM	DJ34P3DM	\$655	DS-3POP	1.15	15.0	30	80.0	2.8-2.8/1.4	03
1	1800	200	143JM	DJ1P2HM	\$487	DS-3POP	1.15	15.0	30	85.5	3.6	
	1800	208-230/460	143JM	DJ1P2DM	\$487	DS-3POP	1.15	15.0	30	85.5	3.1-3.1/1.5	03
	1200	208-230/460	145JM	DJ1P3DM	\$655	DS-3POP	1.15	15.0	35	82.5	4/4/2002	03
1 1/2	3600	208-230/460	143JM	DJ32P1DM	\$519	DS-3POP	1.15	15.0	30	85.5	4.2-3.8/1.9	03
	1800	200	145JM	DJ32P2HM	\$513	DS-3POP	1.15	15.0	35	86.5	4.8	
	1800	208-230/460	145JM	DJ32P2DM	\$513	DS-3POP	1.15	15.0	35	86.5	4.4-4.1/2.1	03
	1200	208-230/460	182JM	DJ32P3DM	\$660	DS-3POP	1.15	16.0	50	86.5	5.2-5.3/2.6	03
2	3600	208-230/460	145JM	DJ2E1DM	\$524	DS-3FPO	1.15	15.0	35	84.0	5.6-5.1/2.5	03,16,NNP,LA
	3600	208-230/460	145JM	DJ2P1DM	\$567	DS-3POP	1.15	15.0	35	85.5	5.5-5/2.5	03
	1800	200	145JM	DJ2P2HM	\$563	DS-3POP	1.15	15.0	35	86.5	6.3	
	1800	208-230/460	145JM	DJ2P2DM	\$563	DS-3POP	1.15	15.0	35	86.5	5.9-5.6/2.8	03
	1800	575	145JM	DJ2E2GM	\$482	DS-3FPO	1.15	15.0	37	84.0	2.4	NNP,LA
	1800	575	145JM	DJ2P2GM	\$563	DS-3POP	1.15	15.0	35	85.5	2.2	
	1200	208-230/460	184JM	DJ2P3DM	\$739	DS-3POP	1.15	16.0	60	87.5	6.4-6.3/3.1	03
3	3600	208-230/460	145JM	DJ3P1DM	\$582	DS-3POP	1.15	15.0	35	85.5	8.3-7.4/3.7	03
	1800	200	182JM	DJ3P2HM	\$598	DS-3POP	1.15	16.0	50	89.5	8.8	
	1800	208-230/460	182JM	DJ3P2DM	\$598	DS-3POP	1.15	16.0	50	89.5	8.3-7.7/3.8	03
	1200	208-230/460	213JM	DJ3P3DM	\$941	DS-3POP	1.15	18.0	90	88.5	9.4-8.9/4.4	03
5	3600	200	182JM	DJ5E1HM	\$718	DS-3FPO	1.15	17.0	50	85.5	14.8	NNP,LA
	3600	200	182JM	DJ5P1HM	\$620	DS-3POP	1.15	16.0	50	88.5	14.1	
	3600	208-230/460	182JM	DJ5P1DM	\$620	DS-3POP	1.15	16.0	50	87.5	13.8-12.5/6.2	03
	1800	200	184JM	DJ5P2HM	\$645	DS-3POP	1.15	16.0	60	89.5	14.2	
	1800	208-230/460	184JM	DJ5P2DM	\$645	DS-3POP	1.15	16.0	60	89.5	13.7-12.4/6.2	03
	1800	575	184JM	DJ5P2GM	\$645	DS-3POP	1.15	16.0	60	89.5	4.9	
	1200	208-230/460	215JM	DJ5P3DM	\$1,234	DS-3POP	1.15	19.0	105	89.5	15.2-14.5/7.3	03
7 1/2	3600	208-230/460	184JM	DJ7P1DM	\$968	DS-3POP	1.15	16.0	60	88.5	20.3-18.1/9.1	03
	1800	200	213JM	DJ7P2HM	\$943	DS-3POP	1.15	18.0	90	91.0	21.4	
	1800	208-230/460	213JM	DJ7P2DM	\$943	DS-3POP	1.15	18.0	90	91.0	20.2-18.5/9.3	03
	1800	575	213JM	DJ7P2GM	\$943	DS-3POP	1.15	18.0	90	91.0	7.3	

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate

Note 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts

Note LA Limited Availability
Note NNP Non-NEMA® Premium

Special Application Close Coupled Pump Three Phase Open Drip Proof (ODP) NEMA® Premium Efficient



NEMA
Premium

DE1

(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
10	3600	200	213JM	DJ10P1HM	\$1,132	DS-3POP	1.15	18.0	90	90.2	28	
	3600	208-230/460	213JM	DJ10P1DM	\$1,132	DS-3POP	1.15	18.0	90	90.2	27.1-24.3/12.2	03
	3600	575	213JM	DJ10E1GM	\$1,076	DS-3FPO	1.15	18.0	113	88.5	10.2	NNP,LA
	3600	575	213JM	DJ10P1GM	\$1,132	DS-3POP	1.15	18.0	90	90.2	9.7	
	1800	200	215JM	DJ10P2HM	\$1,147	DS-3POP	1.15	19.0	105	91.7	28.1	
	1800	208-230/460	215JM	DJ10P2DM	\$1,147	DS-3POP	1.15	19.0	105	92.4	26.3-23.8/11.9	03
15	3600	208-230/460	215JM	DJ15P1DM	\$1,555	DS-3POP	1.15	19.0	105	90.2	40-36/18	03
	1800	230/460	254JM	DJ15P2EM	\$1,712	DS-3POP	1.15	21.1	150	93.0	37/18.3	03
20	3600	230/460	254JM	DJ20P1EM	\$1,874	DS-3POP	1.15	21.1	150	91.7	46/23.1	03
	3600	575	254JM	DJ20E1GM	\$1,611	DS-3FPO	1.15	24.0	170	90.2	18.9	NNP,LA
	3600	575	254JM	DJ20P1GM	\$1,874	DS-3POP	1.15	21.1	150	91.0	18.7	
	1800	230/460	256JM	DJ20P2EM	\$1,970	DS-3POP	1.15	22.4	160	93.0	47/23.6	03
25	3600	230/460	256JM	DJ25P1EM	\$2,567	DS-3POP	1.15	22.4	160	91.7	57/28.7	03
	1800	208-230/460	284JM	DJ25P2DM	\$2,435	DS-3POP	1.15	26.0	225	93.6	58/29	03
30	3600	208-230/460	284JM	DJ30P1DM	\$2,901	DS-3POP	1.15	26.0	225	92.4	79-68/34	03
	1800	208-230/460	286JM	DJ30P2DM	\$2,892	DS-3POP	1.15	26.0	250	94.1	77-69/34	03
40	3600	208-230/460	286JM	DJ40P1DM	\$3,171	DS-3POP	1.15	26.0	250	93.0	104-90/45	03
	3600	575	286JM	DJ40P1GM	\$3,171	DS-3POP	1.15	26.0	250	93.0	36	
	1800	208-230/460	324JM	DJ40P2DM	\$3,178	DS-3POP	1.15	28.0	385	94.1	102-91/46	03
50	3600	208-230/460	324JM	DJ50P1DM	\$3,567	DS-3POP	1.15	28.0	385	93.0	130-117/59	03
	1800	208-230/460	326JM	DJ50P2DM	\$3,725	DS-3POP	1.15	28.0	460	94.5	126-113/56	03
60	3600	208-230/460	326JM	DJ60P1DM	\$4,916	DS-3POP	1.15	28.0	460	93.6	152-134/67	03

JM Shaft - Footless

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1	1800	208-230/460	143JM	DJ1P2DU	\$570	DS-3POV	1.15	16.0	30	85.5	3.2-3.1/1.6	03
1 1/2	1800	208-230/460	145JM	DJ3P2DU	\$581	DS-3POV	1.15	16.0	35	86.5	4.4-4.2/2.1	03
2	1800	208-230/460	145JM	DJ2P2DU	\$642	DS-3POV	1.15	16.0	35	86.5	5.9-5.6/2.8	03
3	1800	208-230/460	182JM	DJ3P2DU	\$758	DS-3POV	1.15	17.0	50	89.5	8.3-7.7/3.8	03
5	1800	208-230/460	184JM	DJ5P2DU	\$898	DS-3POV	1.15	17.0	82	89.5	13.7-12.4/6.2	03
7 1/2	1800	208-230/460	213JM	DJ7P2DU	\$1,188	DS-3POV	1.15	19.0	90	91.0	20.2-18.5/9.3	03
10	3600	208-230/460	213JM	DJ10P1DU	\$1,420	DS-3POV	1.15	19.0	90	90.2	27.1-24.3/12.2	03
	1800	208-230/460	215JM	DJ10P2DU	\$1,400	DS-3POV	1.15	19.0	105	91.7	26.3-23.8/11.9	03
15	3600	208-230/460	215JM	DJ15P1DU	\$1,809	DS-3POV	1.15	19.0	105	90.2	40-36/18	03
	1800	230/460	254JM	DJ15P2EU	\$2,055	DS-3POV	1.15	21.9	150	93.0	37/18.3	
20	3600	230/460	254JM	DJ20P1EU	\$2,249	DS-3POV	1.15	25.5	150	91.7	46/23.1	03

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate

Note LA Limited Availability

Note NNP Non-NEMA® Premium

Special Application Close Coupled Pump Three Phase Open Drip Proof (ODP) NEMA® Premium Efficient



NEMA
Premium

DE1

(continued)

JP Shaft - Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
1	1800	208-230/460	143JP	DJ1P2DP	\$487	DS-3POP	1.15	18.0	30	85.5	3.2-3.1/1.6	03
1 1/2	1800	208-230/460	145JP	DJ3P2DP	\$513	DS-3POP	1.15	18.0	35	86.5	4.4-4.2/2.1	03
2	1800	208-230/460	145JP	DJ2P2DP	\$563	DS-3POP	1.15	18.0	35	86.5	5.9-5.6/2.8	03
3	1800	208-230/460	182JP	DJ3P2DP	\$598	DS-3POP	1.15	19.0	50	89.5	8.3-7.7/3.8	03
5	1800	208-230/460	184JP	DJ5P2DP	\$645	DS-3POP	1.15	19.0	60	89.5	13.7-12.4/6.2	03
7 1/2	1800	208-230/460	213JP	DJ7P2DP	\$943	DS-3POP	1.15	22.0	90	91.0	20.2-18.5/9.3	03
	1200	230/460	254JP	DJ7P3EP	\$1,565	DS-3POP	1.15	24.0	150	91.0	18.9/9.5	03
10	3600	208-230/460	213JP	DJ10P1DP	\$1,132	DS-3POP	1.15	22.0	90	90.2	27.1-24.3/12.2	03
	1800	208-230/460	215JP	DJ10P2DP	\$1,147	DS-3POP	1.15	23.0	105	91.7	26.3-23.8/11.9	03
	1200	230/460	256JP	DJ10P3EP	\$2,036	DS-3POP	1.15	25.3	160	91.7	25/12.5	03
	3600	200	215JP	DJ15P1HP	\$1,555	DS-3POP	1.15	23.0	105	90.2	41	
15	3600	208-230/460	215JP	DJ15P1DP	\$1,555	DS-3POP	1.15	23.0	105	90.2	40-36/18	03
	1800	200	254JP	DJ15P2HP	\$1,569	DS-3POP	1.15	27.4	150	93.0	42	
	1800	230/460	254JP	DJ15P2EP	\$1,569	DS-3POP	1.15	24.0	150	93.0	37/18.3	03
	3600	230/460	254JP	DJ20P1EP	\$1,882	DS-3POP	1.15	24.0	150	91.7	46/23.1	03
20	3600	200	254JP	DJ20P1HP	\$1,882	DS-3POP	1.15	24.0	150	91.7	53	
	1800	230/460	256JP	DJ20P2EP	\$2,012	DS-3POP	1.15	25.3	160	93.0	47/23.6	03
	1800	200	256JP	DJ20P2HP	\$2,012	DS-3POP	1.15	25.3	160	93.0	54	
	3600	230/460	256JP	DJ25P1EP	\$2,461	DS-3POP	1.15	25.3	160	91.7	57/28.7	03
25	3600	200	256JP	DJ25P1HP	\$2,461	DS-3POP	1.15	25.3	160	91.7	67	
	1800	575	284JP	DJ25E2GP	\$2,406	DS-3FPO	1.15	29.0	213	91.7	24.4	NNP,LA
	1800	575	284JP	DJ25P2GP	\$2,435	DS-3POP	1.15	29.0	225	93.6	23.1	
	1800	575	284JP	DJ25P2GP	\$2,435	DS-3POP	1.15	29.0	225	93.6	23.1	
30	3600	208-230/460	284JP	DJ30P1DP	\$2,901	DS-3POP	1.15	29.0	225	92.4	79-68/34	03
	1800	208-230/460	286JP	DJ30P2DP	\$2,892	DS-3POP	1.15	29.0	250	94.1	77-69/34	03
40	3600	208-230/460	286JP	DJ40P1DP	\$3,171	DS-3POP	1.15	29.0	250	93.0	104-90/45	03
	3600	575	286JP	DJ40E1GP	\$3,512	DS-3FPO	1.15	29.0	320	93.0	36	NNP,LA
	3600	575	286JP	DJ40P1GP	\$3,171	DS-3POP	1.15	29.0	250	93.0	36	
	1800	208-230/460	324JP	DJ40P2DP	\$3,178	DS-3POP	1.15	30.0	454	94.1	102-91/46	03
50	3600	208-230/460	324JP	DJ50P1DP	\$3,567	DS-3POP	1.15	30.0	454	93.0	130-117/59	03
	1800	208-230/460	326JP	DJ50P2DP	\$3,725	DS-3POP	1.15	30.0	454	94.5	126-113/56	03
60	3600	208-230/460	326JP	DJ60P1DP	\$4,915	DS-3POP	1.15	30.0	460	93.6	152-134/67	03

Westcoast Shaft - Footed

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
7 1/2	1800	208-230/460	213TCZ	DJ7P2DJ	\$943	DS-3POP	1.15	21.0	90	91.0	20.2-18.5/9.3	03
10	3600	208-230/460	213TCZ	DJ10P1DJ	\$1,132	DS-3POP	1.15	21.0	90	90.2	27.1-24.3/12.2	03
	1800	208-230/460	215TCZ	DJ10P2DJ	\$1,147	DS-3POP	1.15	22.0	105	91.7	26.3-23.8/11.9	03
15	3600	208-230/460	215TCZ	DJ15P1DJ	\$1,555	DS-3POP	1.15	22.0	105	90.2	40-36/18	03

Note 03 60/50 Hz rated with no derate on HP; 230/460 volt 60 Hz ratings operate on 190/380 volt 50 Hz, 460V 60 Hz ratings operate on 380V 50 Hz; Full 60 & 50 Hz data on Nameplate
Note 06 Dual voltage ratings, Part Winding Start on low voltage only

Note 16 Motors marked 208-230/460 volts may not meet all NEMA® (MG-1) performance standards when operated at 208 volts
Note LA Limited Availability
Note NNP Non-NEMA® Premium

Replacement Motor Cross Reference

Square Flange - Standard Efficient - Total Horsepower Rated

5.5 Diameter Catalog Number	56 Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
ASQ065	-	0.65	230/115	HSQ065	SQ1032 / USQ1052	B856	-
ASQ095	ASB846	0.95	230/115	HSQ095	SQ1052 / USQ1072	B846 / B852	14796 / 54002
ASQ125	ASB847	1.25	230/115	HSQ125	SQ1072 / USQ1102	B847 / B853	15815 / 54003
ASQ165	ASB848	1.65	230/115	HSQ165	SQ1102 / USQ1152	B848 / B854	12504 / 54004
ASQ225 / ASQ225H	ASB858	2.25	230/115	HSQ225	SQ1152 / USQ1202	B858 / B859	14728 / 18254
ASQ260	ASB748	2.60	230	HSQ260	SQ1202 / USQ1252	B748 / B840	10855 / 13280
-	ASB844	3.45	208-230	-	SQ1302V1	B844	16362
-	ASB850	5.00	208-230	-	-	B1000	-

Square Flange - High Efficiency - Total Horsepower Rated

5.5 Diameter Catalog Number	56 Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
AQC095	ASB845	0.95	230/115	-	QC1052 / UQC1072	B845	11357
AQC125	ASB661	1.25	230/115	-	QC1072 / UQC1102	B2661	16358
AQC165	ASB841	1.65	230/115	-	QC1102 / UQC1152	B2841	16359

Square Flange - Premium Energy Efficient - Total Horsepower Rated

5.5 Diameter Catalog Number	56 Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	ASB845	0.95	208-230/115	-	QC1052 / UQC1072	B845	11357
-	ASB661	1.25	208-230/115	-	QC1072 / UQC1102	B2661	16358
-	ASB841	1.65	208-230/115	-	QC1102 / UQC1152	B2841	16359
-	ASB842	2.25	208-230/115	-	SQ1152	B2842	16360
-	ASB843	2.60	208-230	-	SQ1202	B2843	16361
-	ASB844	3.45	208-230	-	SQ1302	B2844	16362
-	ASB850	5.00	208-230	-	-	B1000	-

Square Flange - Two Speed - Total Horsepower Rated - Motor Only - Title 20 Compliant

5.5 Diameter Catalog Number	56 Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	EB981	1.25/0.20	115	-	SQ1072R	B981	-
-	ASB2980	1.25/0.20	230	-	SQS1072R	B2980	-
-	ASB2982	1.65/0.26	230	-	SQS1102R	B2982	-
-	ASB2983	2.25/0.38	230	-	SQS1152R	B2983	-
-	ASB2984	2.60/0.43	230	-	SQS1202R	B2984	-

Square Flange - Variable Speed with Integrated Timer - Title 20 Compliant

Neptune Catalog Number	Neptune Hybrid Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	NPHQ125	1/2 thru 1.25	115/230	-	-	-	-
NPTQ165	NPHQ165	1/2 thru 1.65	115/230	EVQ165	-	ECM16SQU	-
NPTQ225	NPHQ225	1/2 thru 2.25	230	EVQ225	-	ECM27SQU	-
NPTQ270	-	1/2 thru 2.70	230	-	-	ECM27SQU	-

Replacement Motor Cross Reference

Square Flange - Tristar Replacement - Full Rated

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	ET3205	1/2	1.98	208-230/115	HSQ1052	-	-
-	ET3207	3/4	1.85	208-230/115	HSQ1072	-	-
-	ET3210	1	1.85	208-230/115	HSQ1102	-	-
-	ET3215	1.5	1.60	208-230/115	HSQ1152	-	-
-	ET3220	2	1.35	208-230	HSQ1202	-	-
-	ET3230	3	1.20	208-230	-	-	-

Square Flange - Tristar Replacement - Up Rated

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	ASB846	3/4	1.25	230/115	-	B846 / B852	-
-	ASB847	1	1.25	230/115	-	B847 / B853	-
-	ASB848	1.5	1.10	230/115	-	B848 / B854	-
-	ASB858	2	1.10	230/115	-	B858 / B859	-
-	ASB748	2.5	1.04	230	-	B748 / B840	-
-	ASB844	3	1.15	208-230	-	B2844	-

Square Flange - Three Phase

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	EH491	1/2	1.90	208-230/460	Q3052	H491	-
-	EH492	3/4	1.65	208-230/460	Q3072	H492	-
-	EH635	1	1.65	208-230/460	Q3102	H635	-
-	EH636	1.5	1.47	208-230/460	Q3152	H636	-
-	EH637	2	1.30	208-230/460	Q3202	H637	-
-	EH755	3	1.15	208-230/460	Q3302V1	H755	-

C-Flange - Threaded - Standard Efficient - Total Horsepower Rated

5.5 Diameter Catalog Number	56 Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
AST095	ASB126	0.95	230/115	HST080	ST1052 / UST1072	B126 / B227SE	18330 / 54022
AST125	ASB127	1.25	230/115	HST110	ST1072 / UST1102	B127 / B228SE	15443 / 54023
AST165	ASB128	1.65	230/115	HST150	ST1102 / UST1152	B128 / B229SE	14542 / 54024
AST225	ASB129	2.25	230/115	HST225	ST1152 / UST1202	B129 / B230SE	52011 / 12018
AST275	ASB130	2.60	230	HST275	ST1202 / UST1252	B130 / B231SE	52012 / 12020
-	ASB818	3.45	208-230	-	ST1302V1	B818	-
-	ASB819	5.00	208-230	-	-	-	-

C-Flange - Threaded - High Efficiency - Total Horsepower Rated

5.5 Diameter Catalog Number	56 Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
ACT095	-	0.95	230/115	-	CT1052 / UCT1072	-	52008
ACT125	-	1.25	230/115	-	CT1072 / UCT1102	-	52009
ACT165	ASB846	1.65	230/115	-	CT1102 / UCT1152	-	52010

Replacement Motor Cross Reference

C-Flange - Keyed and Threaded - Premium Energy Efficient - Total Horsepower Rated

5.5 Diameter Catalog Number	56 Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	ASB656	0.95	208-230/115	-	CK1052	B656	52003
-	ASB657	0.95	208-230/115	-	CT1052 / UCT1072	B657	52008
-	ASB634	1.25	208-230/115	-	CK1072	B634	52004
-	ASB638	1.25	208-230/115	-	CT1072 / UCT1102	B638	52009
-	ASB653	1.65	208-230/115	-	CK1102	B653	52005
-	ASB654	1.65	208-230/115	-	CT1102 / UCT1152	B654	52010
-	ASB795	2.25	208-230/115	-	SK1152	B795	52006
-	ASB796	2.25	208-230/115	-	ST1152	B796	52011
-	ASB808	2.60	208-230	-	SK1202	B808	52077
-	ASB809	2.60	208-230	-	ST1202	B809	52012
-	ASB817	3.45	208-230	-	SK1302V1	B817	12109
-	ASB818	3.45	208-230	-	ST1302V1	B818	17458
-	ASB819	5.00	208-230	-	-	-	-
-	ASB116	5.00	208-230	-	-	B116	-

C-Flange - Two Speed - Threaded - Total Horsepower Rated - Title 20 Compliant

5.5 Diameter Catalog Number	56 Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	ASB2973H	1.25/0.20	230	-	STS1072RV1	B2973H	-
-	ASB2975	1.65/0.26	230	-	STS1102RV1	B2975	-
-	ASB2977	2.25/0.38	230	-	STS1152R	B2977	-
-	ASB2979	2.60/0.43	230	-	STS1202R	B2979	-

C-Flange - Variable Speed with Integrated Timer - Threaded - Title 20 Compliant

Neptune Catalog Number	Neptune Hybrid Catalog Number	THP	Voltage	Regal Rexnord	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	NPHT125	1/2 thru 1.25	115/230	-	-	-	-
NPTT165	NPHT165	1/2 thru 1.65	115/230	EVC165	-	ECM16CU	-
NPTT225	NPHT225	1/2 thru 2.25	230	EVC225	-	-	-
NPTT270	-	1/2 thru 2.70	230	-	-	ECM27CU	-

C-Flange - Three Phase - Threaded Shaft - Full Rated

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	EH282	1/2	1.60	208-230/460	T3052	H282	-
-	EH451	3/4	1.50	208-230/460	T3072	H451	-
-	EH514	1	1.40	208-230/460	T3102	H514	-
-	EH617	1.5	1.30	208-230/460	T3152	H617	-
-	EH705	2	1.20	208-230/460	T3202	H705	-
-	EH741	3	1.15	208-230/460	-	H741	-

Replacement Motor Cross Reference

C-Flange - Northstar Replacement - Full and Up/MaxRated

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	ESN1072	3/4	1.85	208-230/115	-	SN1072	-
-	EUSN1102	1	1.40	208-230/115	-	USN1102	-
-	ESN1102	1	1.85	208-230/115	-	SN1102	-
-	EUSN1152	1.5	1.25	208-230/115	-	USN1152	-
-	ESN1152	1.5	1.60	208-230/115	-	SN1152	-
-	EUSN1202	2	1.20	208-230/115	-	USN1202	-
-	ESN1202	2	1.35	208-230	-	SN1202	-
-	EUSN1252	2.5	1.10	208-230	-	USN1252	-
-	EUSN1302	3	1.20	208-230	-	USN1302	-
-	ESN1302	3	1.60	208-230	-	SN1302	-

C-Flange - Three Phase - Keyed Shaft - Full Rated

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord	Regal Rexnord	WEG (Formerly Bluffton)
-	EH281	1/2	1.60	208-230/460	-	H281	-
-	EH450	3/4	1.50	208-230/460	K3072	H450	-
-	EH513	1	1.40	208-230/460	K3102	H513	-
-	EH616	1.5	1.30	208-230/460	K3152	H616	-
-	EH704	2	1.20	208-230/460	K3202	H704	-
-	EH740	3	1.15	208-230/460	-	H740	-

PENTAIR EQ SERIES Pump Replacement Pool Motors

Open Dripproof - Close Coupled Pump - Premium Efficient - Full Service Factor - Full Rated

5.5 Diameter Catalog Number	56 Catalog Number	Frame	HP	SF	Voltage	Regal Rexnord	WEG (Formerly Bluffton)
-	EEQK500	182JMZ	5	1.15	208-230/460	CEQK500	-
-	EEQK750	184JMZ	7.5	1.15	208-230/460	CEQK750	-
-	EEQK1000	213JMZ	10	1.15	208-230/460	CEQK1000	-
-	EEQK1500	215JMZ	15	1.15	208-230/460	CEQK1500	-
-	EEQ500	184JMZ	5	1.15	230	CEQ500	-
-	EEQ750	213JMZ	7.5	1.15	230	CEQ750	-

Totally Enclosed Fan Cooled - Close Coupled Pump - Premium Efficient - Full Service Factor - Full Rated

5.5 Diameter Catalog Number	56 Catalog Number	Frame	HP	SF	Voltage	Regal Rexnord	WEG (Formerly Bluffton)
-	EEQKT500	182JMZ	5	1.15	208-230/460	-	-
-	EEQKT750	184JMZ	7.5	1.15	208-230/460	-	-
-	EEQKT1000	213JMZ	10	1.15	208-230/460	-	-
-	EEQKT1500	215JMZ	15	1.15	208-230/460	-	-

Pool Cleaner - C-Face - Full Rated Service Factor

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
-	ASB625	3/4	1.50	230/115	PL1072	B625	-	-
-	ASB668	3/4	1.50	230/115	-	B668	-	-

Replacement Motor Cross Reference

Thru Bolt - 56 Frame - Single Speed

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
-	ASB605	3	1.00	230	-	B237	-	-
-	ASB606	4	1.00	230	-	B238	-	-

Thru Bolt - 56 Frame - Two Speed - Soft Start

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
-	ASB502	1.5/18	1.00	230	-	B233	-	-
-	ASB503	2.0/25	1.00	230	-	B234	-	-
-	ASB505	3.0/38	1.00	230	-	B235	-	-
-	ASB506	4.0/50	1.00	230	-	B236	-	-

Thru Bolt - 48 Frame - Single Speed

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
AGL50FL1	-	1/2	1.00	115	CBT2052	BN23	13719	-
AGL75FL1	-	3/4	1.00	115	CBT2072	BN24	18889	H909
AGH75FL1	-	3/4	1.00	230	-	-	-	-
AGL10FL1	-	1	1.00	115	CBT2102	BN25	16436	H910
AGH10FL1	-	1	1.00	230	-	-	-	-
AGD15FL1	-	1.5	1.00	230/115	TBT1152D	BN25	-	C1901
SPH20FLC1	-	2	1.00	230	-	BN40	-	-
SPH20FL1	-	2	1.00	230	-	186097	17257	C1456
SPH25FL1	-	2.5	1.00	230	-	-	-	-
SPH30FL1	-	3	1.00	230	-	BN41	-	-

Thru Bolt - 48 Frame - Two Speed - Soft Start

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
AGL75FL2	-	3/4/10	1.00	115	CBS2072	BN36	12562	C1902
AGL10FL2S	-	1.0/12	1.00	115	CBS2102	BN37/BN38	15698/15700	C1903
AGL15FL2CS	-	1.5/18	1.00	115	-	BN50	-	-
SPL15FL2S	-	1.5/18	1.00	115	-	BN60	41000	-
AGH15FL2CS	-	1.5/18	1.00	230	-	BN34	41001	C1326
SPH20FL2CS	-	2.0/25	1.00	230	-	BN51	-	-
SPH20FL2S	-	2.0/25	1.00	230	-	BN61	17525	C1327
SPH25FL2S	-	2.5/33	1.00	230	-	-	-	-
SPH30FL2S	-	3.0/38	1.00	230	-	BN62	42005	-

Above Ground Pool - 48 Frame - Single Speed (Thru bolt less base)

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
AGL75FL1NB	-	3/4	1.00	115	-	-	-	-
AGL10FL1NB	-	1.0	1.00	115	-	-	-	-

Replacement Motor Cross Reference

Above Ground Pool - 48 Frame - Single Speed - 50Hz - CE Certified

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
AGH75FL150	-	3/4	1.00	220-240	-	BN32	-	
AGH10FL150	-	1.0	1.00	220-240	-	BN33	-	

Above Ground Pool - EZ48 Frame - Single Speed - 60Hz - 1.5 Compartment

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
EZBN23	-	1/2	1.00	115	CBT2052	BN23/BN23SS	-	-
EZBN24	-	3/4	1.00	115	CBT2072	BN24/BN24SS	-	-
EZBN25	-	1.0	1.00	115	CBT2102	BN25/BN25SS	-	-
EZBV35	-	1.5	1.00	115	-	BV35/BV35SS	-	-
EZBN35	-	1.5	1.00	230/115	TBT1152D	BN35/BN35SS	-	-

Above Ground Pool - EZ48 Frame - Two Speed - 60Hz - 1.5 Compartment

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
EZBN36	-	3/4/.10	1.00	115	CBS2072	BN36	-	-
EZBN37	-	1.0/.12	1.00	115	CBS2102	BN37	-	-
EZBN50	-	1.5/.18	1.00	115	TBS1152SV1	BN50	-	-

Above Ground Pool - Hoffinger Replacement

5.5 Diameter Catalog Number	56 Catalog Number	HP	SF	Voltage	Regal Rexnord Cat. No.	Regal Rexnord / Century Cat. No.	Bluffton Motor Works Cat. No.	SN Tech Cat. No.
AGL10FL1H1	-	1	1.00	115	ODB1102V1	BV91	-	-
AGL10FL1H2	-	1	1.00	115	ODB1102	BV90	-	H911
AGL15FL1H2	-	SPL	1.00	115	-	-	-	-

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