



THE POWER BEHIND THE PUMP™



PRODUCT CATALOG

PUMP MOTORS FOR SWIMMING POOLS,
SPAS AND JETTED TUBS

Regal
Rexnord

INTRODUCING



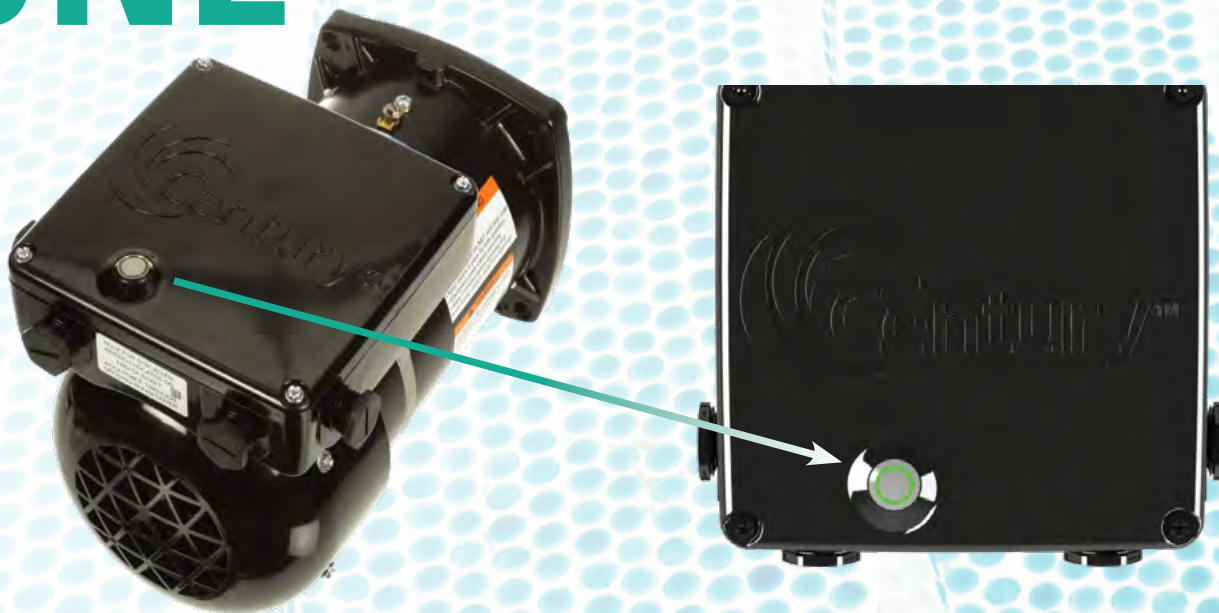
VGREEN EVO™ VARIABLE SPEED POOL PUMP MOTOR

- New simplified user interface allows for easier programming and motor setup all with the push of one button
- IPX5 moisture intrusion rating provides enhanced protection against moisture
- Lightweight, compact design, and rotatable mains wiring compartment allow for ease of installation
- Available in both square flange and C-Face mounting configurations to allow for replacement versatility
- UV and rainproof enclosure helps to protect against harsh weather conditions to extend motor life

WHAT'S ON THE INSIDE MATTERS MOST

- Dual Voltage 230/115 VAC, with Automatic Voltage Detection
- Freeze Protection
- Sealed Ball Bearings
- Variable Speed Operation (600-3450 RPM)
- TEFC Design
- Rotation: CCWPE
- Single Phase
- 50/60 Hz
- 303 Stainless Steel Shaft
- Class F Insulation
- 50°C Ambient

PROGRAMMING WITH THE PUSH OF ONE BUTTON



EFFICIENCY EVOLVED

The NEW VGreen Evo™ variable speed pool pump motor is designed to provide pool owners with maximum savings over traditional single-speed motors. The VGreen Evo motor offers ease of installation with direct drop-in replacement for all applications and features a simplified user interface to allow for programming and motor setup all with the push of one button.

VGreen
Evo™

UP TO

80%

MORE EFFICIENT*

*Energy savings of 80% or more depend on variables including user defined speed settings, duration of operation, environment and unique hydraulic requirements for satisfactory pool filtration.

CENTURY® LEISURE WATER CATALOG

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*Ownership of all trademarks and trade names are expressly claimed on the back cover of this catalog.

What **if...**

you could retrofit any pump with a variable speed motor?



VGreen[®]
Variable Speed Motors

Retrofitting Made Easy with VGreen[®] Variable Speed Motors

Existing pumps can be enhanced by simply replacing the motor with Century's extensive line of easy to install variable speed retrofit replacement motors.

YOU

- Reduce truck stock
- Reduced installation time and time on the job

YOUR CUSTOMERS

- 18 month warranty
- Energy payback
- Quiet operation

Visit us at www.pool-motors.com to learn more about Retrofitting Made Easy with VGreen motors.



VGREEN® VARIABLE SPEED MOTORS

ENERGY EFFICIENT REPLACEMENT MOTORS

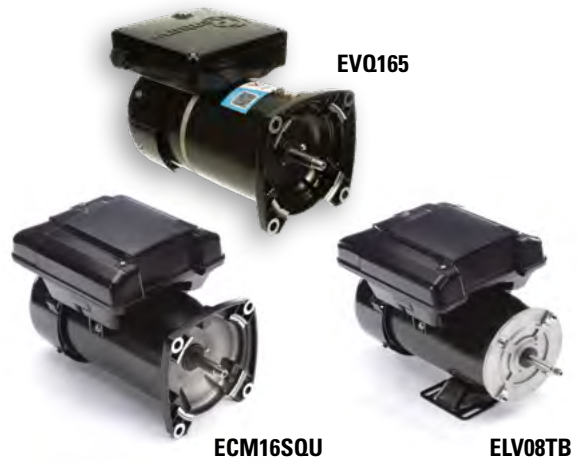
APPLICATIONS:

Retrofit Variable Speed Replacement Motors for Residential and Light Commercial Pools



FEATURES:

- Easy to Install
- Full Variable Speed (600-3450 RPM)
- Freeze Protection
- Single Phase
- Sealed Ball Bearings
- Service Factor 1.0
- Up to 80% Energy Savings
- Rotation: CCW Pump End
- 303 Stainless Shaft
- TEFC Construction
- Install on Existing Single, Two-Speed and Variable Speed Pumps
- UV and Rain-Proof Enclosure
- Class F Insulation



PRODUCT LINE FEATURES:

VGREEN EVO™ MOTOR

- Rotation: CCWPE
- Dual Voltage 115/230 VAC
- Single Button User Interface

VGREEN® 085 / 165 MOTOR

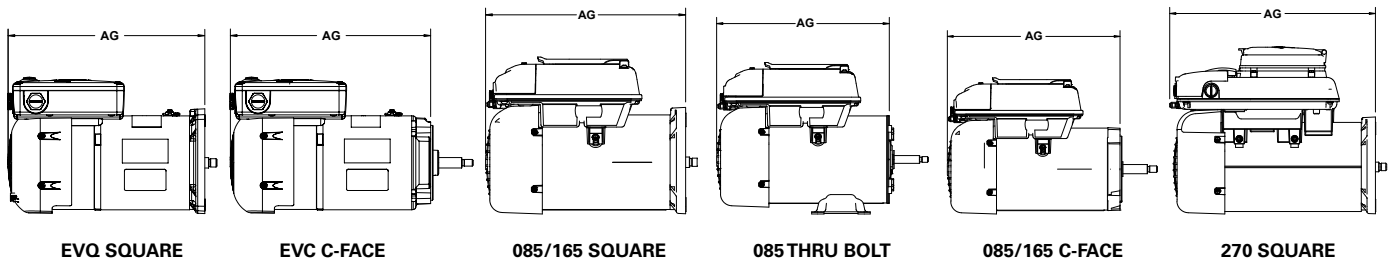
- Digital Inputs for Third Party Automation
- Easy to Program LED Display

VGREEN® 270 MOTOR

- Auxillary Load Capacity
- Power Factor Correction
- Battery Backup
- LCD Display with Backlight

TOTAL HORSEPOWER	VGREEN PRODUCT LINE	VOLTS	AMPS	FLANGE	HERTZ	AMBIENT TEMP	APPROX "AG"	STOCK NUMBER	NOTES
0.50 MIN - 1.30 MAX	EVO	208-230/115	8.6/15.6	SQUARE	50/60	50°C	11.47	EVQ130	4
0.50 MIN - 1.65* MAX	EVO	208-230/115	10.5/17.7	SQUARE	50/60	50°C	11.47	EVQ165	4
0.50 MIN - 2.25* MAX	EVO	208-230/115	13.5/17.4	SQUARE	50/60	50°C	11.47	EVQ225	4
0.50 MIN - 1.30 MAX	EVO	208-230/115	8.6/15.6	C-FACE	50/60	50°C	11.69	EVC130	4
0.50 MIN - 1.65* MAX	EVO	208-230/115	10.5/17.7	C-FACE	50/60	50°C	11.69	EVC165	4
0.50 MIN - 2.25* MAX	EVO	208-230/115	13.5/17.4	C-FACE	50/60	50°C	11.69	EVC225	4
0.85 MAX	085	115	0.4-10.0	SQUARE	50/60	40°C	12.08	ELV08SQ	1
0.85 MAX	085	115	0.4-10.0	THRU BOLT	50/60	40°C	11.23	ELV08TB	1
0.85 MAX	085	115	0.4-10.0	C-FACE	50/60	40°C	11.78	ELV08C	1
0.50 MIN - 1.65 MAX	165	208-230	10.5-10	SQUARE	50/60	50°C	12.08	ECM16SQU	
0.50 MIN - 1.65 MAX	165	208-230	10.5-10	SQUARE	50/60	50°C	12.08	EPA16SQ	1*
0.50 MIN - 1.65 MAX	165	208-230	10.5-10	C-FACE	50/60	50°C	11.78	ECM16CU	
0.75 MIN - 2.70 MAX	270	230	10.5	SQUARE	60	50°C	13.63	ECM27SQU	1
0.75 MIN - 2.70 MAX	270	230	10.5	C-FACE	60	50°C	13.35	ECM27CU	1

*When motor is running at 115VAC the total horsepower is 1.50 THP.



NOTES	
1	Item to be discontinued when stock is depleted
4	This motor meets the California Energy Commission Title 20 Section 1605.3(g)6 requirements for energy efficiency
	For AG measurements please reference the motor specifications table above
*	Motor is almond in color



DIVE INTO PUMP & MOTOR REGULATIONS LIKE A PRO

The Department of Energy issued the Dedicated Purpose Pool Pump regulation or DPPP, which took effect July 19, 2021, requiring energy efficiency standards for pool pumps. This list of frequently asked questions will take the mystery out of this complex regulation to help you prepare for the new efficiency standards. It's never too early to begin educating your customers.

BASIC TERMINOLOGY

First, some basic terminology will help you understand the DPPP regulation.

HYDRAULIC HORSEPOWER (HHP)

Hydraulic horsepower is the amount of hydraulic power produced by the pump's wet-end. HHP will be used to size pumps instead of motor horsepower.

WEIGHTED ENERGY FACTOR (WEF)

The weighted energy factor is used to compare the energy efficiency of pool pumps. Think of WEF as "miles per gallon." The higher the number, the more energy efficient the pump is.

TOTAL HORSEPOWER (THP)

Total horsepower is the maximum load under which a pump motor can operate properly. It is calculated by multiplying the motor horsepower by the service factor. Up-rate and full-rate labeling of pumps will be eliminated.

FREQUENTLY ASKED QUESTIONS ABOUT MOTORS

Q: Is there a motor only replacement regulation?

A: With the exception of California state regulations, there is not currently a DOE motor only replacement regulation. We anticipate one could eventually be added and will likely align with the pump rule.

Q: Am I still able to purchase single speed motors after July 19?

A: Yes, single speed replacement motors will still be available for purchase and installation.

Q: What are the California motor regulations?

A: CEC Title 20 Section 1605.3(g)(5) requires any motor used for residential filter pump applications and manufactured before July 19, 2021 that is greater than or equal to 1.0 THP be replaced with a two-speed or variable speed motor. Effective July 19, 2021 CEC Title 20 1605.3(g)(6) requires any motor used for replacement dedicated-purpose pool pump motor on all residential and commercial applications and manufactured on or after July 19, 2021 that is greater than or equal to 0.5 THP be replaced with a variable speed motor.

48 FRAME CENTURION® PRO PREMIUM REPLACEMENT POOL MOTORS

EQUIPPED WITH TRIPLE SEAL™ PROTECTION

APPLICATIONS:

Residential and Light Commercial Pools



FEATURES:

- Fast and easy installation with open and accessible terminal board and wiring compartment
- Premium Sealed 203 Bearings Both Ends
- Long lasting with Triple Seal™ protection to prevent water and debris intrusion
- Voltage Change Device
- Easy Shaft Access (7/16" wrench)
- Auto Protector
- UL* 1081 Design
- 50°C Ambient Temperature
- 60 Hz
- Rotation: CCW Pump End
- Stainless Shaft
- Open Dripproof
- Service Factor 1.0

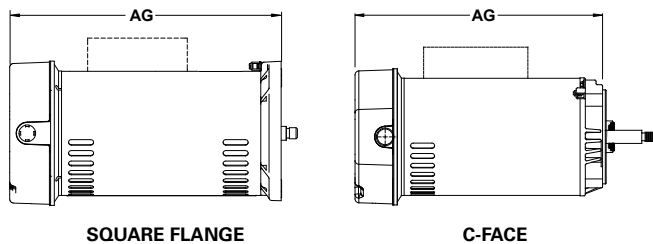
TOTAL HP	VOLTS	AMPS	FLANGE	INSULATION	FRAME	STOCK NUMBER	CENTURY® MOTOR CROSS REFERENCE	NIDEC®*/ U.S. MOTORS®** CROSS REFERENCE	APPROX "AG"
0.95	115/230	12.2/6.1	SQUARE	B	48Y	HSQ095	SQ1052/USQ1072	ASQ095	11.89
1.25	115/230	14.8/7.4	SQUARE	F	48Y	HSQ125	SQ1072/USQ1102	ASQ125	12.26
1.65	115/230	18.8/9.4	SQUARE	F	48Y	HSQ165	SQ1102/USQ1152	ASQ165	13.39
2.20	230	9.7	SQUARE	B	48Y	HSQ220	SQ1152/USQ1202	ASQ225	13.41
2.60	230	11.4	SQUARE	B	48Y	HSQ260	SQ1202/USQ1252	ASQ260	14.16
0.80	115/230	10.8/5.4	C-FACE	B	56J	HST080	ST1052/UST1072	—	10.35
1.10	115/230	13.6/6.8	C-FACE	B	56J	HST110	ST1072/UST1102	AST095	10.72
1.50	115/230	17.2/8.6	C-FACE	B	56J	HST150	ST1102/UST1152	AST125	11.84
2.25	115/208-230	20.4/10.9-10.2	C-FACE	B	56J	HST225	ST1152/UST1202	AST165/AST225	13.68
2.75	208-230	12.3-11.3	C-FACE	B	56J	HST275	ST1202/UST1252	AST275	13.68

*Attribution statement appears on last page.

1 THE CENTURY® MOTOR SEAL
The first line of defense in preventing moisture from washing the grease out of a bearing.

2 IP-55 RATED LIP SEAL
Located behind the Century seal to ensure any moisture that might make it past is stopped in its tracks.

3 BEARING LOCK PLATE
To protect the inboard seal of the bearing, a sealing system is integrated into the bearing lock plate, preventing moisture ingress to the back side of the bearing.



NOTES
For AG measurements please reference the motor specifications table above

56 FRAME CENTURION® PRO PREMIUM REPLACEMENT POOL MOTORS

EQUIPPED WITH TRIPLE SEAL™ PROTECTION

APPLICATIONS:

Residential and Light Commercial Pools

Centurion® PRO
PREMIUM POOL & SPA MOTORS



PREMIUM MOTORS

FEATURES:

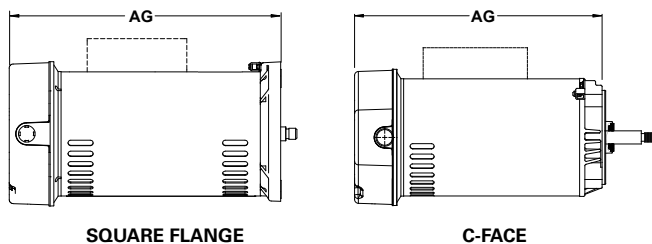
- Fast and easy installation with open and accessible terminal board and wiring compartment
- Premium Sealed 203 Bearings Both Ends
- Long lasting with Triple Seal™ protection to prevent water and debris intrusion
- Voltage Change Device
- Easy Shaft Access (7/16" wrench)
- Auto Protector
- UL* 1081 Design
- 50°C Ambient Temperature
- Insulation F
- 60 Hz
- Rotation: CCW Pump End
- Stainless Shaft
- Open Dripproof
- Service Factor 1.0

TOTAL HP	VOLTS	AMPS	FLANGE	FRAME	STOCK NUMBER	CENTURY® MOTOR CROSS REFERENCE	NIDEC® / U.S. MOTORS® CROSS REFERENCE
0.95	115/230	5.4/10.8	SQUARE	56Y	HBQ095	B2852,B2846,B845	ASB846,ASB845
1.25	115/230	6.6/13.2	SQUARE	56Y	HBQ125	B2853/V1, B2847/V1, B2661	ASB847,ASB661
1.65	115/230	8.0/16.0	SQUARE	56Y	HBQ165	B2854/V1,B2848/V1,B2841V1	ASB848,ASB841
2.20	230	10.0	SQUARE	56Y	HBQ220	B855/B2855,B849/B2849 B2842,B2858	ASB858,ASB842
2.60	230	11.5	SQUARE	56Y	HBQ260	B2840,B2748,B2843	ASB748,ASB843
3.45	208-230	15.0-13.6	SQUARE	56Y	HBQ345	B2844	----
0.80	115/230	4.4/8.8	C-FACE	56J	HBC080	B126,B227SE,B657	----
1.10	115/230	6.0/12.0	C-FACE	56J	HBC110	B127,B228SE,B638	ASB126,ASB657
1.50	115/230	7.2/14.4	C-FACE	56J	HBC150	B128,B229SE,B654	ASB127, ASB654
2.00	115/230	9.2/18.4	C-FACE	56J	HBC200	B129,B230SE,B796	ASB128,ASB654
2.40	230	10.5	C-FACE	56J	HBC240	B130,B231SE,B809	ASB129,ASB796
3.45	230	14.1	C-FACE	56J	HBC345	B131,B818	ASB809,ASB130

COMPATIBLE WITH POPULAR PENTAIR®* WHISPERFLO* AND SUPERFLO* PUMPS

TOTAL HP	RPM	VOLTS	FRAME	FLANGE	CENTURY® MOTOR STOCK NUMBER	CENTURY BLACK CROSS REF	CENTURY ALMOND CROSS REF.	PENTAIR®* TEFC CROSS REF.	PENTAIR OEM MOTOR CROSS REF.	PENTAIR OEM PUMP CROSS REF.
1.25	3450	230/115	56Y	Square	HBA125	B2661	BPA449V1	354803S	011512/ 011579 010517/011772	WFE-3/WF-3 WFE-24/WF-24
1.65	3450	230/115	56Y	Square	HBA165	B2841V1	BPA450V1	354821S	011513/011580 011518/011773	WFE-4/WF-4 WFE-26/WF-26
2.20	3450	230	56Y	Square	HBA220	B2842	BPA451V1	354823S	011514/011581 011519/011774	WFE-6/WF-6 WF-28/WF-28
2.60	3450	230	56Y	Square	HBA260	B2843	BPA452V1	354823S	011515/011582 011520/011775	WFE-8/WF-8 WFE-30/WF-30
3.45	3450	208-230	56Y	Square	HBA345	B2844	BPA453V1	354817S	011516/011583	WFE-12

*Attribution statement appears on last page.



NOTES
For AG measurements please reference the motor specifications table above

48 FRAME TWO COMPARTMENT C-FACE POOL MOTORS

FULL RATE SINGLE-SPEED



APPLICATIONS:

Inground Swimming Pool Pumps

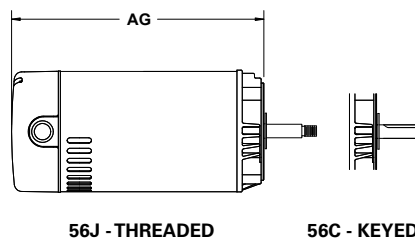
FEATURES:

- Automatic Thermal Protection
- Open Dripproof
- Sealed Ball Bearings
- UL * 1081 Design
- 56C & 56J Mount
- Rotation: CCW Pump End
- Sealed Switch Design
- 60 Hz
- 50°C Ambient Temperature
- Stainless Shaft
- Class B Insulation
- Capacitor Start and Capacitor Start/Capacitor Run

HIGH SERVICE FACTOR - FULL RATE

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	STOCK NUMBER	SHAFT	APPROX "AG"	NOTES
0.50		1.60		0.80	3450	115/230	10.6/5.3	56C	SK1052	KEYED	11.00	
0.50		1.60		0.80	3450	115/230	8.0/4.0	56C	CK1052	KEYED	11.00	20
0.50		1.60		0.80	3450	115/230	11.0/5.5	56J	ST1052	THREADED	10.63	
0.50		1.60		0.80	3450	115/230	8.0/4.0	56J	CT1052	THREADED	11.00	20
0.75		1.50		1.13	3450	115/230	14.6/7.3	56C	SK1072	KEYED	11.56	
0.75		1.50		1.13	3450	115/230	11.0/5.5	56C	CK1072	KEYED	11.69	20
0.75		1.50		1.13	3450	115/230	15.0/7.5	56J	ST1072	THREADED	11.00	
0.75		1.50		1.13	3450	115/230	11.0/5.5	56J	CT1072	THREADED	11.58	20
1		1.50		1.50	3450	115/230	17.0/8.5	56C	SK1102	KEYED	12.13	
1		1.40		1.40	3450	115/230	13.6/6.8	56C	CK1102	KEYED	12.13	20
1		1.50		1.50	3450	115/230	18.6/9.3	56J	ST1102	THREADED	12.13	
1		1.40		1.40	3450	115/230	13.6/6.8	56J	CT1102	THREADED	12.13	20
1.50		1.30		1.95	3450	115/230	19.4/9.7	56C	SK1152	KEYED	12.63	20
1.50		1.47		2.21	3450	115/208-230	19.6/10.4-9.8	56J	ST1152	THREADED	12.63	20
2		1.30		2.60	3450	230	11.2	56C	SK1202	KEYED	13.06	20
2		1.32		2.64	3450	208-230	12.6-11.4	56J	ST1202	THREADED	13.06	20
3		1.15		3.45	3450	208-230	15.0-13.3	56C	SK1302V1	KEYED	13.63	20
3		1.15		3.45	3450	208-230	15.0-13.3	56J	ST1302V1	THREADED	14.19	20

NOTES	
20	Capacitor Start/Capacitor Run
	For AG measurements please reference the motor specifications table above



48 FRAME TWO COMPARTMENT C-FACE POOL MOTORS

UP-RATE SINGLE-SPEED



UST1102

APPLICATIONS:

Inground Swimming Pool Pumps

FEATURES:

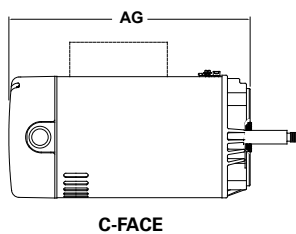
- Automatic Thermal Protection
- Open Dripproof
- Sealed Ball Bearings
- UL * 1081 Design
- Threaded Shaft
- 56J C-Face Mount
- Rotation: CCW Pump End
- Sealed Switch Design
- 60 Hz
- 50°C Ambient Temperature
- Stainless Shaft
- Class B Insulation
- Capacitor Start and Capacitor Run

LOW SERVICE FACTOR - UP-RATED

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	STOCK NUMBER	APPROX "AG"	NOTES
0.75		1.00		0.75	3450	115/230	11.0/5.5	56J	UST1072	10.63	
0.75		1.00		0.75	3450	115/230	7.6/3.8	56J	UCT1072V1	11.00	20
1		1.10		1.10	3450	115/230	15.0/7.5	56J	UST1102	11.00	
1		1.00		1.00	3450	115/230	11.0/5.5	56J	UCT1102	11.69	20
1.5		1.00		1.50	3450	115/230	18.6/9.3	56J	UST1152	12.13	
1.5		1.00		1.50	3450	115/230	14.6/7.3	56J	UCT1152	12.13	20
2		1.10		2.20	3450	115/208-230	19.6/10.4-9.8	56J	UST1202	12.63	20
2.5		1.06		2.65	3450	208-230	12.6/11.4	56J	UST1252	13.06	20

LEGACY MOTORS

NOTES	
20	Capacitor Start/Capacitor Run
	For AG measurements please reference the motor specifications table above



48 FRAME TWO COMPARTMENT SQUARE FLANGE POOL MOTORS

UP-RATE AND FULL RATE SINGLE-SPEED



SQ1102

USQ1102

APPLICATIONS:

Inground Swimming Pool Pumps
Used on many popular OEM pumps

FEATURES:

- Automatic Thermal Protection
- Open Dripproof
- Sealed Ball Bearings
- UL* 1081 Design
- Threaded Shaft
- Rotation: CCW Pump End
- Sealed Switch Design
- 60 Hz
- 50°C Ambient Temperature
- Stainless Shaft
- Class B Insulation
- Capacitor Start

HIGH SERVICE FACTOR - FULL RATE

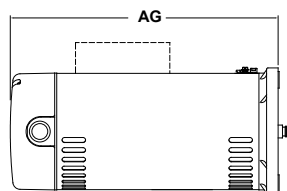
HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	STOCK NUMBER	APPROX "AG"	NOTES
0.33		1.95		0.65	3450	115/230	9.9/5.0	48Y	SQ1032	11.13	
0.50		1.90		0.95	3450	115/230	13.4/6.7	48Y	SQ1052	11.50	
0.50		1.90		0.95	3450	115/230	9.6/4.8	48Y	QC1052	10.88	20
0.75		1.65		1.24	3450	115/230	15.3/7.6	48Y	SQ1072	12.13	
0.75		1.65		1.24	3450	115/230	12.6/6.3	48Y	QC1072	11.25	20
1.00		1.65		1.65	3450	115/230	19.2/9.6	48Y	SQ1102	13.13	
1.00		1.65		1.65	3450	115/208-230	16.0/8.0	48Y	QC1102	11.88	20
1.50		1.47		2.21	3450	230	10.4	48Y	SQ1152	13.25	20
2.00		1.30		2.60	3450	230	11.2	48Y	SQ1202	13.88	20
3.00		1.15		3.45	3450	208-230	15.0-13.3	56Y	SQ1302V1	14.00	20

LOW SERVICE FACTOR - UP-RATED

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	STOCK NUMBER	APPROX "AG"	NOTES
0.50		1.30		0.65	3450	115/230	9.9/5.0	48Y	USQ1052	11.13	
0.75		1.27		0.95	3450	115/230	13.4/6.7	48Y	USQ1072	11.50	
0.95		1.00		0.95	3450	115/230	9.5/4.75	48Y	UQC1072V1	10.85	20
1.00		1.25		1.25	3450	115/230	15.3/7.6	48Y	USQ1102	12.13	
1.00		1.25		1.25	3450	115/230	12.6/6.3	48Y	UQC1102	11.25	20
1.50		1.10		1.65	3450	115/230	19.2/9.6	48Y	USQ1152	13.13	
1.50		1.10		1.65	3450	115/230	16.0/8.0	48Y	UQC1152	13.25	20
2.00		1.10		2.20	3450	230	10.4	48Y	USQ1202	13.25	20
2.50		1.00		2.50	3450	230	11.2	48Y	USQ1252	13.88	20

NOTES

20	Capacitor Start/Capacitor Run
	For AG measurements please reference the motor specifications table above



SQUARE FLANGE

56 FRAME SINGLE AND TWO COMPARTMENT C-FACE POOL AND SPA MOTORS

UP-RATE AND FULL RATE SINGLE-SPEED



APPLICATIONS:

Inground Swimming Pool Pumps
Used on many popular OEM pumps

FEATURES:

- Permanent Split Capacitor
- Switchless
- Single Phase
- Automatic Thermal Protection
- Open Dripproof
- Sealed Ball Bearings
- UL * 1081 Design
- Rotation: CCW Pump End
- 60 Hz
- 50°C Ambient Temperature
- Class B Insulation
- Aluminum NEMA® "C" Brackets

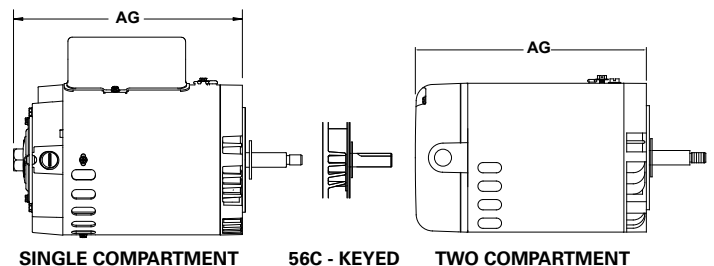
HIGH SERVICE FACTOR - FULL RATE - SINGLE COMPARTMENT

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	SHAFT	STOCK NUMBER	APPROX "AG"	NOTES
0.50		1.60		0.80	3450	115/230	8.8/4.4	56C	KEYED	B120	9.34	
0.50		1.60		0.80	3450	115/230	8.8/4.4	56J	THREADED	B126	9.38	
0.50		1.60		0.80	3450	115/208-230	7.4/4.0-3.7	56J	THREADED	B657	9.39	
0.75		1.50		1.13	3450	115/230	12.0/6.0	56C	KEYED	B121	9.34	
0.75		1.50		1.13	3450	115/230	12.0/6.0	56J	THREADED	B127	9.45	
0.75		1.50		1.13	3450	115/208-230	10.0/5.4-5.0	56J	THREADED	B638	10.13	
1.00		1.40		1.40	3450	115/230	14.4/7.2	56C	KEYED	B122	9.79	
1.00		1.40		1.40	3450	115/230	14.4/7.2	56J	THREADED	B128	9.58	
1.00		1.40		1.40	3450	115/208-230	11.8/6.4-5.9	56C	KEYED	B653	10.45	
1.00		1.40		1.40	3450	115/208-230	11.8/6.4-5.9	56J	THREADED	B654	10.63	
1.50		1.30		1.95	3450	115/230	18.4/9.2	56C	KEYED	B123	11.09	
1.50		1.30		1.95	3450	115/230	18.4/9.2	56J	THREADED	B129	10.94	
1.50		1.30		1.95	3450	115/208-230	15.6/8.7-7.8	56C	KEYED	B795	11.09	
1.50		1.30		1.95	3450	115/208-230	15.6/8.7-7.8	56J	THREADED	B796	10.99	
2.00		1.20		2.40	3450	115/230	21.6/10.8	56C	KEYED	B835	11.84	
2.00		1.20		2.40	3450	230	10.5	56C	KEYED	B124	10.45	
2.00		1.20		2.40	3450	115/230	21.6/10.8	56J	THREADED	B836	11.34	
2.00		1.20		2.40	3450	230	10.5	56J	THREADED	B130	10.53	
2.00		1.20		2.40	3450	208-230	10.4-9.6	56C	KEYED	B808	11.55	
2.00		1.20		2.40	3450	208-230	10.4-9.6	56J	THREADED	B809	11.59	
3.00		1.15		3.45	3450	230	14.1	56C	KEYED	B125	11.55	
3.00		1.15		3.45	3450	230	14.1	56J	THREADED	B131	11.59	
3.00		1.15		3.45	3450	208-230	15.0-13.6	56C	KEYED	B817	11.55	
3.00		1.15		3.45	3450	208-230	15.0-13.6	56J	THREADED	B818	11.59	
4.00		1.25		5.00	3450	208-230	21.0-19.4	56Y	SPECIAL	B116	16.78	7, 31, 34, 63, 236

LOW SERVICE FACTOR - UP RATE - TWO COMPARTMENT

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	AMPS	FRAME	SHAFT	STOCK NUMBER	APPROX "AG"	NOTES
0.75		1.00		0.75	3450	115/230	8.8/4.4	56J	THREADED	B227SE	10.00	12
1.00		1.00		1.00	3450	115/230	12.0/6.0	56J	THREADED	B228SE	10.25	12
1.50		1.00		1.50	3450	115/230	14.4/7.2	56J	THREADED	B229SE	11.35	12
2.00		1.00		2.00	3450	115/230	18.4/9.2	56J	THREADED	B230SE	11.75	12
2.50		1.00		2.50	3450	230	10.5	56J	THREADED	B231SE	11.25	12

NOTES	
7	Manual Protector
12	303 Stainless steel shaft
31	40°C Ambient Temperature
34	Rigid Base
63	Speck Pumps®* replacement motor
236	Rotation: CW Pump End
For AG measurements please reference the motor specifications table above	



*Attribution statement appears on last page.

56 FRAME TWO COMPARTMENT SQUARE FLANGE POOL AND SPA MOTORS

SINGLE-SPEED



B2854V1

APPLICATIONS:

Inground Swimming Pool Pumps

FEATURES:

- Permanent Split Capacitor
- Switchless
- Single Phase
- Open Dripproof
- Automatic Thermal Protection
- Sealed Ball Bearings
- UL* 1081 Design
- Rotation: CCW Pump End
- 60 Hz
- 50°C Ambient Temperature
- Class F Insulation
- New Centurion® Design
- No Base
- Stainless Shaft
- 56Y Frame
- Threaded Shaft

HIGH SERVICE FACTOR - FULL RATE

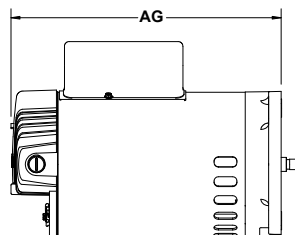
HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	SHAFT	STOCK NUMBER	APPROX "AG"	NOTES
0.50		1.95		0.98	3450	115/230	10.8/5.4	56Y	THREADED	B2846	11.9	
0.50		1.90		0.95	3450	115/208-230	8.8/4.5-4.4	56Y	THREADED	B845	11.9	8, 223
0.75		1.65		1.24	3450	115/230	13.0/6.5	56Y	THREADED	B2847V1	11.71	
0.75		1.67		1.25	3450	115/208-230	11.2/6.0-5.6	56Y	THREADED	B2661	12.6	
1.00		1.65		1.65	3450	115/230	11.8/5.9	56Y	THREADED	B2848V1	12.2	
1.00		1.65		1.65	3450	115/208-230	14.8/7.8-7.4	56Y	THREADED	B2841V1	12.9	
1.50		1.50		2.25	3450	115/230	21.0/10.5	56Y	THREADED	B2858	13.9	
1.50		1.50		2.25	3450	230	10.0	56Y	THREADED	B2849	12.9	223
1.50		1.47		2.21	3450	208-230	9.6-8.8	56Y	THREADED	B2842	13.4	
2.00		1.30		2.60	3450	230	11.5	56Y	THREADED	B2748	12.9	
2.00		1.30		2.60	3450	208-230	11.0-10.2	56Y	THREADED	B2843	13.9	
3.00		1.15		3.45	3450	208-230	15.0-13.6	56Y	THREADED	B2844	13.9	

LOW SERVICE FACTOR - UP-RATED

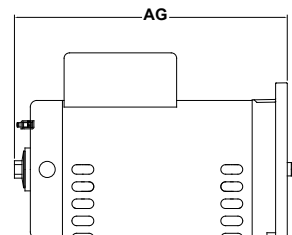
HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	SHAFT	STOCK NUMBER	APPROX "AG"	NOTES
0.75		1.25		0.94	3450	115/230	10.8/5.4	56Y	THREADED	B2852	11.9	
1.00		1.25		1.25	3450	115/230	13.0/6.5	56Y	THREADED	B2853V1	11.7	
1.50		1.10		1.65	3450	115/230	16.0/8.0	56Y	THREADED	B2854V1	12.2	
2.00		1.10		2.20	3450	115/230	21.0/10.5	56Y	THREADED	B2859	13.9	
2.00		1.10		2.20	3450	230	10.0	56Y	THREADED	B2855	12.7	223
2.50		1.04		2.60	3450	230	11.5	56Y	THREADED	B2840V1	12.9	

NOTES

8	Single compartment design
223	Class B Insulation
	For AG measurements please reference the motor specifications table above



TWO COMPARTMENT



SINGLE COMPARTMENT

48 FRAME TWO COMPARTMENT C-FACE AND SQUARE FLANGE POOL MOTORS

FULL RATE TWO-SPEED



APPLICATIONS:

Inground Swimming Pool Pumps
Used on many popular OEM pumps

FEATURES:

- Two-Speed
- All Copper Windings
- Capacitor Start on Low Speed
- Permanent Split Capacitor High Speed
- Class B Insulation
- Single Phase
- Automatic Thermal Protection
- Open Dripproof
- Sealed Ball Bearings
- UL * 1081 Design
- Stainless Shaft
- Threaded Shaft
- Rotation: CCW Pump End
- 60 Hz
- 50°C Ambient Temperature

SEALED SWITCH DESIGN - C-FACE

HP HIGH/LOW	SERVICE FACTOR	TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS HIGH/LOW	FRAME	FLANGE	STOCK NUMBER	APPROX "AG"	NOTES
1.0 / 0.13	1.50	1.50	3450/1725	230	7.0/2.3	56J	C-FACE	STS1102RV1	12.50	
1.5 / 0.25	1.30	1.95	3450/1725	230	9.0/3.3	56J	C-FACE	STS1152R	13.06	20, 31

Two-speed toggle switches are not included with the motor and can be installed separately.

LOW SPEED CAPACITOR START - HIGH SPEED PERMANENT SPLIT CAPACITOR

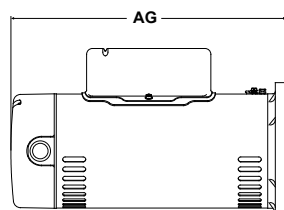
HP HIGH/LOW	SERVICE FACTOR	TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS HIGH/LOW	FRAME	FLANGE	STOCK NUMBER	APPROX "AG"	NOTES
.75 / .13	1.65	1.24	3450/1725	115	13.0/4.2	48Y	SQUARE	SQL1072R	12.13	
1.0 / .17	1.65	1.24	3450/1725	230	7.7/2.8	48Y	SQUARE	SQS1102R	13.31	
1.5 / .19	1.47	2.21	3450/1725	230	10.0/3.0	48Y	SQUARE	SQS1152R	13.06	
2.0 / .33	1.30	2.60	3450/1725	230	11.3/3.3	48Y	SQUARE	SQS1202R	13.31	

Two-speed toggle switches are not included with the motor and can be installed separately.

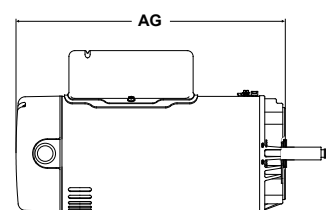
PARTS & ACCESSORIES

STOCK NUMBER	NAME	DESCRIPTION
615332-002	End Cover and Switch Assembly Kit	End cover and high/low switch assembly kit for SQL1072R, SQS1102R, SQS1152R, SQS1202R.
1011431-001	Switch Assembly	End cover and high/low switch assembly kit for STS1102RV1 and STS1152R.

NOTES	
20	Capacitor Start/Capacitor Run
31	40°C Ambient Temperature
	For AG measurements please reference the motor specifications table above



SQUARE FLANGE



C-FACE

56 FRAME FULL RATE SINGLE AND TWO COMPARTMENT C-FACE AND SQUARE FLANGE POOL AND SPA MOTORS

TWO-SPEED



APPLICATIONS:

Inground Swimming Pool Pumps

FEATURES:

- Two-Speed
- Automatic Thermal Protection
- Single Phase
- Sealed Ball Bearings
- Rotation: CCW Pump End
- 60 Hz
- Stainless Shaft
- UL* 1081 Design
- Class B Insulation
- Capacitor Start/Capacitor Run Low Speed
- Permanent Split Capacitor High Speed

TWO-SPEED - HIGH SPEED SWITCHLESS PSC - C-FACE

HP HIGH/LOW	SERVICE FACTOR	= TOTAL HP	RPM	VOLTS	SERVICE FACTOR AMPS HIGH/LOW	FRAME	SHAFT	AMBIENT TEMP	STOCK NUMBER	APPROX "AG"	NOTES
0.50 / 0.06	1.6	0.80	3450/1725	115	8.8/3.55	56C	KEYED	40°C	B970	9.70	5, 8
0.50 / 0.06	1.6	0.80	3450/1725	115	8.8/3.55	56J	THREADED	40°C	B971	9.74	5, 8
0.75 / 0.10	1.5	1.13	3450/1725	115	11.2/5.0	56C	KEYED	40°C	B972	9.70	5, 8
0.75 / 0.10	1.5	1.13	3450/1725	115	12.4/2.4	56J	THREADED	50°C	B2973	9.74	87, 336
1.00 / 0.12	1.4	1.40	3450/1725	230	6.3/2.3	56C	KEYED	40°C	B974	9.95	5, 8
1.00 / 0.12	1.4	1.40	3450/1725	230	6.6/1.5	56J	THREADED	50°C	B2975	10.49	87, 336
1.50 / 0.20	1.3	1.95	3450/1725	230	8.9/3.1	56C	KEYED	40°C	B976	10.44	5, 8
1.50 / 0.20	1.3	1.95	3450/1725	230	8.7/1.9	56J	THREADED	50°C	B2977	10.49	87, 336
1.50 / 0.20	1.1	1.65	3450/1725	115	14.6/4.4	56J	THREADED	50°C	B969	10.98	5, 8, 63
2.00 / 0.25	1.2	2.40	3450/1725	230	10.6/3.2	56C	KEYED	40°C	B978	10.94	5, 8
2.00 / 0.25	1.2	2.40	3450/1725	230	10.0/2.1	56J	THREADED	50°C	B2979	10.99	87, 336
3.00 / 0.38	1.2	3.45	3450/1725	230	13.8/4.0	56J	THREADED	40°C	B966	11.73	5, 8

Two-speed toggle switches are not included with the motor and can be installed separately.

TWO-SPEED - HIGH SPEED SWITCHLESS PSC - SQUARE FLANGE

HP HIGH/LOW	SERVICE FACTOR	= TOTAL HP	RPM	VOLTS	SERVICE FACTOR AMPS HIGH/LOW	FRAME	SHAFT	AMBIENT TEMP	STOCK NUMBER	APPROX "AG"	NOTES
.75 / .10	1.7	1.25	3450/1725	230	5.8/0.9	56Y	THREADED	50°C	B2980	12.6	87
.75 / .10	1.7	1.25	3450/1725	115	12.2/2.0	56Y	THREADED	50°C	B2981	12.6	87
1.0 / .12	1.7	1.65	3450/1725	230	7.4/1.4	56Y	THREADED	50°C	B2982	12.9	87
1.5 / .19	1.5	2.21	3450/1725	230	10.0/1.6	56Y	THREADED	50°C	B2983	13.4	87
2.0 / .25	1.3	2.60	3450/1725	230	11.0/1.8	56Y	THREADED	50°C	B2984	13.9	87
2.0 / .33	1.1	2.20	3450/1725	230	10.0/3.5	56Y	THREADED	40°C	B985	13.9	3, 5, 8
3.0 / .38	1.2	3.45	3450/1725	230	15.0/2.6	56Y	THREADED	50°C	B2987	13.8	87

Two-speed toggle switches are not included with the motor and can be installed separately.

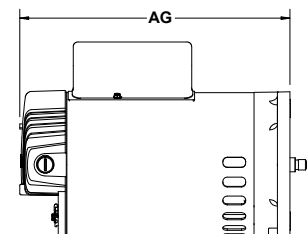
PARTS & ACCESSORIES

STOCK NUMBER	NAME	DESCRIPTION
17590450	Toggle Switch Kit	High-Low Toggle Switch for B970, B971, B972, B974, B976, B969, B978, B966, B985.
2512558-001	Toggle Switch Kit	High-Low Toggle Switch for B2973, B2975, B2977, B2979, B2980, B2981, B2982, B2983, B2984, B2987.

NOTES

3	Uprated - low service factor, Class B Insulation
5	Microswitch, Split phase low speed, permanent split capacitor high speed
8	Single compartment design
63	Speck Pumps®* replacement motor
87	Class F Insulation

336	Capacitor start/capacitor run low speed, permanent split capacitor high speed
	For AG measurements please reference the motor specifications table above



*Attribution statement appears on last page.

48 FRAME THRU BOLT MOUNT POOL & SPA MOTORS

SINGLE AND TWO-SPEED



BN35V1

APPLICATIONS:

Above Ground Swimming Pool, Spa and Jetted Tub Pumps

FEATURES:

- Thru Bolt Mount
- Four Thru Bolts on a 5.146" Bolt Circle
- 12 & 3 o'clock Conduit Entries
- Base Mount
- Single and Two-Speed
- Automatic Thermal Protection
- 3-1/2" Shaft Height
- Single Phase
- Open Dripproof
- Sealed Ball Bearings
- Threaded Shaft
- Rotation: CCW Pump End
- 60 Hz
- 40°C Ambient Temperature
- Class B Insulation

FLEX 48 - SINGLE-SPEED - UL 1081, 1795 & 1563 DESIGN - RIGID BASE

HP HIGH/LOW	SERVICE FACTOR	= TOTAL HORSEPOWER	RPM	VOLTS	AMPS HIGH/LOW	FRAME	STOCK NUMBER	APPROX "AG"	NOTES
0.50	1.00	0.50	3450	115	7.0	48Y	BN23V1	8.44	62
0.75	1.00	0.75	3450	115	9.4	48Y	BN24V1	8.84	62, 90
1.00	1.00	1.00	3450	115	11.8	48Y	BN25V1	9.09	62, 90
1.50	1.00	1.50	3450	115/230	16.0/8.0	48Y	BN35V1	9.71	45
2.00	1.00	2.00	3450	115/230	20.0/10.0	48Y	BN40SS	10.96	45

FLEX 48 - TWO-SPEED - UL 1081 & 1563 DESIGN - RIGID BASE - LOW AMP START AND RUN

HP HIGH/LOW	SERVICE FACTOR	= TOTAL HORSEPOWER	RPM	VOLTS	AMPS HIGH/LOW	FRAME	STOCK NUMBER	APPROX "AG"	NOTES
0.75/0.10	1.00	0.75	3450/1725	115	8.8/2.6	48Y	BN36	9.71	10, 14, 62
1.00/0.13	1.00	1.00	3450/1725	115	10.8/2.8	48Y	BN37V1	10.34	11, 145
1.50/0.25	1.00	1.50	3450/1725	115	13.5/4.7	48Y	BN50V1	10.84	11, 145
1.50/0.19	1.00	1.50	3450/1725	230	6.5/2.5	48Y	BN34V1	10.84	11, 145
2.00/0.25	1.00	2.00	3450/1725	230	10.5/2.6	48Y	BN51	10.96	10, 14, 45, 87

Two-speed toggle switches are not included with the motor and can be installed separately.

FLEX 48 - TWO-SPEED - UL 1081 & 1563 DESIGN - RIGID BASE - LOW AMP START AND RUN

HP HIGH/LOW	SERVICE FACTOR	= TOTAL HORSEPOWER	RPM	VOLTS	AMPS HIGH/LOW	FRAME	STOCK NUMBER	APPROX "AG"	NOTES
2.00/0.25	1.00	2.00	3450/1725	230	8.5/2.8	48Y	BN61	10.96	10, 45, 69, 145
3.00/0.38	1.00	3.00	3450/1725	230	12.0/3.5	48Y	BN62	11.96	10, 45, 69, 87, 90, 145
4.00/0.42	1.00	4.00	3450/1725	208-230	12.0/3.5	48Y	BN63	11.96	10, 45, 69, 90, 145

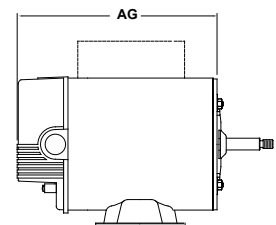
Two-speed toggle switches are not included with the motor and can be installed separately.

PARTS & ACCESSORIES

STOCK NUMBER	NAME	DESCRIPTION
18374501	Toggle Switch	Single-speed toggle switch assembly - on/off.
18313301	Toggle Switch	Two-speed toggle switch assembly - Lo/Off/Hi.
631538-001	Switch Kit	Switch kit for single-speed "BN" motors

NOTES	
10	Induction run low speed
11	Low speed capacitor start, induction run - High speed permanent split capacitor
14	Induction run high speed
45	Capacitor start
62	Split phase start
69	Permanent split capacitor motor high speed

87	Class F Insulation
90	50°C ambient
145	Run capacitor mounted on motor shells
	For AG measurements please reference the motor specifications table above



THRU BOLT

56 FRAME THRU BOLT SPA MOTORS

SINGLE AND TWO-SPEED



B2235

APPLICATIONS:

Spas

FEATURES:

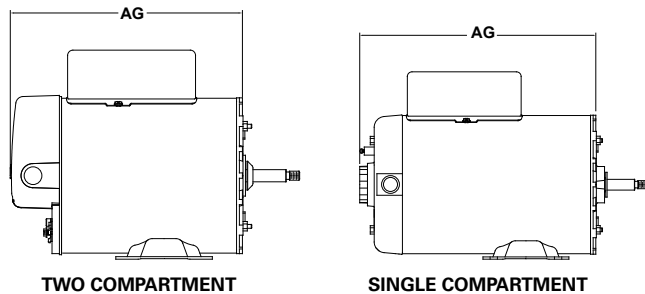
- Single Phase
- Rigid Base
- Thru Bolt Mount
- Four Thru Bolts on a 5.812 Bolt Circle
- 6 1/2" Diameter
- Single and Two-Speed
- Automatic Thermal Protection
- 3-1/2" Shaft Height
- Open Dripproof
- Sealed Ball Bearings
- Threaded Shaft
- Rotation: CCW Pump End
- 60 Hz
- 50°C Ambient Temperature
- Capacitor Start/Capacitor Run on Low Speed
- Permanent Split Capacitor on High Speed

LEGACY MOTORS

HP-SPL†	RPM	VOLTS	AMPS (A)††	FRAME	INSULATION	STOCK NUMBER	APPROX "AG"	REPLACES WATERWAY®** MODEL NUMBER	REPLACES CENTURY® MOTOR MODEL NUMBER	NOTES
1.00/0.13 SPL	3450/1725	230	6.0/1.2 (A)	56Y	F	B2232	9.62	3720621	187692	108
2.00/0.25 SPL	3450/1725	230	7.4/1.4 (A)	56Y	F	B2233	9.87	3721021	187693	108
3.00/0.38 SPL	3450/1725	230	10.0/1.8 (A)	56Y	F	B2234	10.37	3721421	187694	108
4.00/0.50 SPL	3450/1725	230	12.0/3.0	56Y	F	B2235	11.12	3721621	187563	108
5.00/0.63 SPL	3450/1725	230	16.4/4.8	56Y	F	B236	11.00	3722021	187098	108
4.00 SPL	3450	230	12	56Y	B	B237	10.25	3711821	187624	

HP-SPL REFERENCE CHART

HP	B2232	B2233	B2234	B2235	B236	B237	B238
HP-SPL	1.00/0.13 SPL	2.00/0.25 SPL	3.00/0.38 SPL	4.00/0.50 SPL	5.00/0.63 SPL	4.00 SPL	5.0 SPL
HP (at 1.0 SF)	1.00/0.12	1.5/1.9	2.00/0.25	3.0/3.8	4.0/5.0	3.0	4.0
HP Amps (at 1.0 SF)	4.8/8	6.4/1.2	8.8/1.6	12.0/3.0	16.4/4.8	12.0	16.4



NOTES	
†	HP-SPL means Horsepower - Special. The reference chart lists the horsepower and horsepower Amps at 1.0 service factor in relation to the HP-SPL ratings
††	(A) Max Load Amp Rating - As a guideline, at 230V+- 10% voltage, do not load motor above this Amp rating. Amp draw differences between the premium efficiency New Centurion® motor design (e.g. B2233) is attributable in part to the addition of a run capacitor on low speed. Use of Amp data to determine the correct replacement is not recommended. Instead, refer to the chart for the correct stock number to replace either an original Waterway pump motor or the now discontinued Centurion stock motor
108	Two-speed motor
	For AG measurements please reference the motor specifications table above

*Attribution statement appears on last page.

JET PUMP MOTORS

SINGLE-SPEED 3-PHASE



T3202

APPLICATIONS:

Not a suitable replacement for swimming pool pump motors

FEATURES:

- Single-Speed
- Three Phase
- 56C & 56J Mount
- Open Dripproof
- 60 Hz
- Sealed Ball Bearings
- Stainless Steel Shaft
- Class B Insulation
- Internal Junction Box
- Aluminum NEMA® "C" Brackets
- 1/2" x 14 thread tapped opening for conduit fitting
- Optional Vertical Mounting

C-FACE - 40°C AMBIENT TEMPERATURE

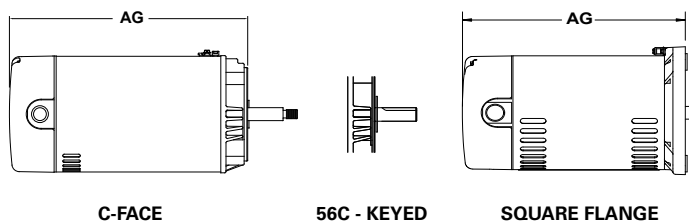
HP HIGH/LOW	X SERVICE FACTOR	= TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	AMBIENT TEMP	STOCK NUMBER	SHAFT	APPROX "AG"	NOTES
0.50	1.60	0.80	3450	208-230/460	2.7/1.35	56J	40°C	T3052	THREADED	8.63	
0.75	1.50	1.13	3450	208-230/460	3.4/1.7	56C	40°C	K3072	KEYED	9.13	
0.75	1.50	1.13	3450	208-230/460	3.4/1.7	56J	40°C	T3072	THREADED	9.13	
1.00	1.40	1.40	3450	208-230/460	4.0/2.0	56C	40°C	K3102	KEYED	9.69	
1.00	1.40	1.40	3450	208-230/460	4.0/2.0	56J	40°C	T3102	THREADED	9.69	
1.50	1.30	1.95	3450	208-230/460	6.8/3.4	56C	40°C	K3152	KEYED	11.31	
1.50	1.30	1.95	3450	208-230/460	6.8/3.4	56J	40°C	T3152	THREADED	11.31	
2.00	1.20	2.40	3450	208-230/460	8.6/4.3	56C	40°C	K3202	KEYED	11.31	
2.00	1.20	2.40	3450	208-230/460	8.6/4.3	56J	40°C	T3202	THREADED	11.31	

SQUARE FLANGE - ALL COPPER WINDINGS - 50°C AMBIENT TEMPERATURE

HP HIGH/LOW	X SERVICE FACTOR	= TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	AMBIENT TEMP	STOCK NUMBER	SHAFT	APPROX "AG"	NOTES
0.50	1.90	0.95	3450	208-230/460	3.0/1.5	48Y	50°C	Q3052	THREADED	9.88	15
0.75	1.65	1.24	3450	208-230/460	3.6/1.8	48Y	50°C	Q3072	THREADED	10.38	15
1.00	1.65	1.65	3450	208-230/460	4.7/2.35	48Y	50°C	Q3102	THREADED	10.88	15
1.50	1.47	2.21	3450	208-230/460	6.8/3.4	48Y	50°C	Q3152	THREADED	11.88	15
2.00	1.30	2.60	3450	208-230/460	8.5/4.25	48Y	50°C	Q3202	THREADED	12.63	15
3.00	1.15	3.45	3450	200-230/460	10.0/5.0	56Y	50°C	Q3302V1	THREADED	12.00	15

NOTES	
15	1/4 - 20 LH internal thread
	For AG measurements please reference the motor specifications table above

*Attribution statement appears on last page.



56 FRAME 3-PHASE POOL PUMP MOTORS

SINGLE-SPEED 3-PHASE

APPLICATIONS:

Inground Swimming Pool Pumps

FEATURES:

- Open Dripproof
- Three Phase
- Sealed Ball Bearings
- Single-Speed
- Reversible (Three Phase)
- Stainless Shaft
- Cast Iron NEMA®* "C" Bracket
- Class A or B Insulation
- No overload protector



LEGACY MOTORS

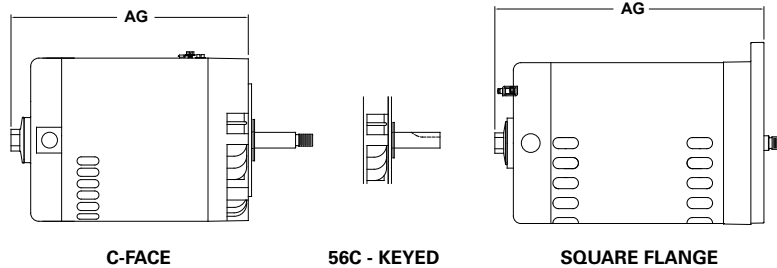
C-FACE - FULL RATE - HIGH SERVICE FACTOR - 50/60 HZ - 40°C AMBIENT TEMPERATURE

HP HIGH/LOW ^x	SERVICE FACTOR	= TOTAL HORSEPOWER	RPM 50/60 HZ	VOLTS	SERVICE FACTOR AMPS AT 60HZ	FRAME	STOCK NUMBER	SHAFT	APPROX "AG"	NOTES
0.5	1.60	0.80	3450/2850	208-230/460	1.8-2.0/1.0	56C	H281	KEYED	9.77	1
0.5	1.60	0.80	3450/2850	208-230/460	1.8-2.0/1.0	56J	H282	THREADED	9.49	1
1.00	1.40	1.40	3450/2850	208-230/460	3.0-3.2/1.6	56C	H513	KEYED	10.52	1
1.00	1.40	1.40	3450/2850	208-230/460	3.0-3.2/1.6	56J	H514	THREADED	9.56	1
1.50	1.30	1.95	3450/2850	208-230/460	4.6-4.4/2.2	56C	H616	KEYED	11.14	1
1.50	1.30	1.95	3450/2850	208-230/460	4.6-4.4/2.2	56J	H617	THREADED	10.06	1
2.00	1.20	2.40	3450/2850	208-230/460	5.8-5.5/2.75	56C	H704	KEYED	11.52	1
2.00	1.20	2.40	3450/2850	208-230/460	5.8-5.5/2.75	56J	H705V1	THREADED	10.56	1
3.00	1.15	3.45	3450/2850	208-230/460	9.0-8.6/4.3	56C	H740	KEYED	11.20	233, 257
3.00	1.15	3.45	3450/2850	208-230/460	9.0-8.6/4.3	56J	H741	THREADED	10.56	233, 257

SQUARE FLANGE - 60 HZ - 50°C AMBIENT TEMPERATURE- NO BASE

HP HIGH/LOW ^x	SERVICE FACTOR	= TOTAL HORSEPOWER	RPM	VOLTS	SERVICE FACTOR AMPS	FRAME	STOCK NUMBER	SHAFT	APPROX "AG"	NOTES
0.50	1.90	0.95	3450	208-230/460	3.2-3.0/1.5	56Y	H491	THREADED	11.70	233
0.75	1.65	1.24	3450	208-230/460	3.8-3.6/1.8	56Y	H492	THREADED	12.30	233
1.00	1.65	1.65	3450	208-230/460	5.0-4.6/2.3	56Y	H635	THREADED	12.70	233
1.50	1.47	2.21	3450	208-230/460	6.4-5.8/2.9	56Y	H636	THREADED	12.90	233
2.00	1.30	2.60	3450	208-230/460	7.1-6.8/3.4	56Y	H637	THREADED	13.40	233
3.00	1.15	3.45	3450	208-230/460	9.8-9.6/4.8	56Y	H755	THREADED	13.40	233

NOTES	
1	Item to be discontinued when stock is depleted
233	Class B Insulation
257	60 Hz only
	For AG measurements please reference the motor specifications table above



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STA-RITE®* DIRECT REPLACEMENT SPA MOTORS

TWO-SPEED



SDS1302

APPLICATIONS:

Used on many popular spas

FEATURES:

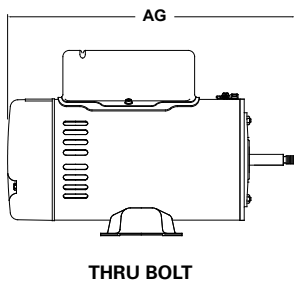
- Two-Speed
- Thermal Protection
- Open Dripproof
- Sealed Ball Bearings
- Rotation: CCW Pump End
- 50°C Ambient Temperature
- Stainless Shaft
- Threaded Shaft
- Class F Insulation
- Through bolt Mount
- Four Thru bolts on a 5.146 Bolt Circle
- Capacitor Start Low Speed and Permanent Split Capacitor High Speed
- 56Z Mount

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	AMPS	FRAME	STOCK NUMBER	REPLACES STA-RITE®*	APPROX "AG"	DIM "BX"	NOTES
1.00	/	0.12		1.00	3450/1725	115	10.4/3.6	56Z	SDS1102	K48L2A1	10.30	8.85	223
1.50	/	0.19		1.50	3450/1725	230	7.2/2.4	56Z	SDS1152	K48M2A4	10.79	9.34	
2.00	/	0.25		2.00	3450/1725	230	8.5/3.0	56Z	SDS1202	K48N2A5	11.42	9.98	
2.50	/	0.25		2.50	3450/1725	230	10.7/3.0	56Z	SDS1252	K48N2A4C2	10.67	9.23	
3.00	/	0.38		3.00	3450/1725	230	12.0/3.7	56Z	SDS1302	K48P2A1	10.92	9.48	

OEM DIRECT REPLACEMENT

NOTES	
233	Class B Insulation
	For AG measurements please reference the motor specifications table above

*Attribution statement appears on last page.



HOFFINGER®* (DOUGHBOY) DIRECT REPLACEMENT POOL MOTORS

OEM DIRECT REPLACEMENT



BV90

APPLICATIONS:

Above ground swimming pool pumps

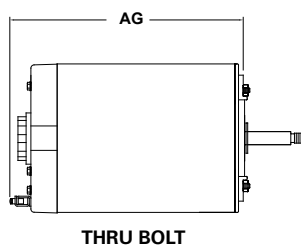
FEATURES:

- Split Phase
- Automatic Thermal Protection
- Open Dripproof
- Single Phase
- Sealed Ball Bearings
- No Base
- Rotation: CCWPE
- 40°C Ambient Temperature
- Stainless Shaft
- Threaded Shaft
- Class B Insulation

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	AMPS	FRAME	STOCK NUMBER	APPROX "AG"	NOTES
1.00		1.00		1.00	3450	115	10.0	48Y	BV90	7.890	
1.00		1.00		1.50	3450	115	9.0	48Y	BV91	7.655	285

OEM DIRECT REPLACEMENT

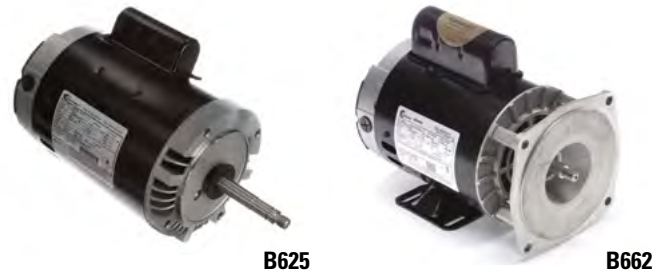
NOTES	
285	3/8-16, LH, CWPE rotation
	For AG measurements please reference the motor specifications table above



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BOOSTER PUMP/POOL CLEANER DIRECT REPLACEMENT MOTORS

OEM DIRECT REPLACEMENTS



APPLICATIONS:

Pool Cleaner Pump Motors
Replacement motor for Arneson®* "Pool Sweep®*" "Polaris®*" "Vac-Sweep®*" and Letro®* "Jet Vac®*"

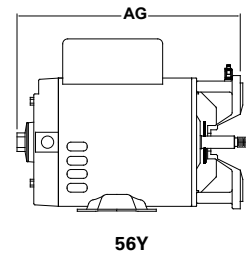
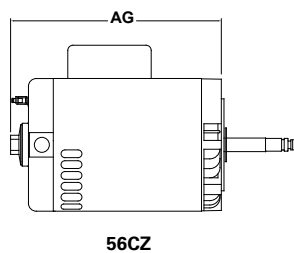
FEATURES:

- Automatic Thermal Protection
- Open Dripproof
- Single Phase
- Sealed Ball Bearings
- Rigid Base and No Base
- Rotation: CCW Pump End
- Stainless Shaft
- 40°C Ambient Temperature
- Threaded Shaft
- Class B Insulation
- UL* 1081 Design
- Aluminum Adapter Bracket
- Permanent Split Capacitor

HP	X	SERVICE FACTOR =	TOTAL HORSEPOWER	RPM	VOLTS	AMPS	FRAME	BASE	MOUNT	STOCK NUMBER	APPROX "AG"	BRAND	NOTES
0.75		1.50	1.13	3450	115/230	12.8/6.4	56CZ	None	Horizontal	B625	10.31	Polaris*	9, 222
0.75		1.50	1.13	3450	115/230	12.0/6.0	56Y	Rigid	Horizontal	B662	11.31	Arneson*	
0.75		1.50	1.13	3450	115/230	12.0/6.0	56Y	None	Vertical	B663	10.46	Arneson*	
0.75		1.50	1.13	3450	115/230	12.0/6.0	56Y	Rigid	Horizontal	B667	12.47	Letro*	247
0.75		1.50	1.13	3450	115/230	13.0/6.5	56CZ	None	Horizontal	B668	9.44	Letro*	222, 246

OEM DIRECT REPLACEMENT

NOTES	
9	Capacitor start, induction run
222	Does not have aluminum adapter bracket
246	Fits pump #LA01N manufactured March 1997 to present
247	Fits pump #LA01 manufactured March 1997 and prior
	For AG measurements please reference the motor specifications table above



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PENTAIR®* PAC FAB®* DIRECT REPLACEMENT POOL PUMP MOTORS



B1000

APPLICATIONS:

Commercial Pools

FEATURES:

- Open Dripproof
- Sealed Ball Bearings
- Threaded Shaft
- Rotation Single Phase CCW Pump End
- Rotation Three Phase Reversible
- 40°C Ambient Temperature
- Stainless Shaft
- Class B Insulation
- Single and Three Phase
- No Base
- 60 Hz

SINGLE PHASE - PERMANENT SPLIT CAPACITOR

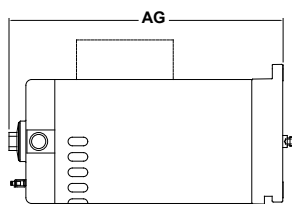
HP	SERVICE FACTOR	RPM	VOLTS	SERVICE FACTOR AMPS	PROTECTOR	FRAME	STOCK NUMBER	PAC FAB* NUMBER	APPROX "AG"	NOTES
5	1.00	3450	208-230	21.0-19.4	Auto	56Y	B1000	35-5705	14.5	

THREE PHASE

HP	SERVICE FACTOR	RPM	VOLTS	SERVICE FACTOR AMPS	PROTECTOR	FRAME	STOCK NUMBER	PAC FAB* NUMBER	APPROX "AG"	NOTES
3	1.15	3450	208-230/460	9.8-9.6/4.8	None	56Y	H755	Various	13.5	90
5	1.00	3450	208-230/460	13.4-13.4-6.7	None	56Y	H995	35-5704	14.5	

OEM DIRECT REPLACEMENT

NOTES	
90	50 degree C ambient
	For AG measurements please reference the motor specifications table above



SQUARE FLANGE

*Attribution statement appears on last page.

HAYWARD®* NORTHSTAR®* DIRECT REPLACEMENT PUMP MOTORS

OEM DIRECT REPLACEMENT



USN1202

APPLICATIONS:

Inground Swimming Pools

FEATURES:

- Automatic Thermal Protection
- Open Dripproof
- Sealed Ball Bearings
- Single-Speed
- Rotation: CCW Pump End
- 50°C Ambient Temperature
- Stainless Shaft
- 60 Hz
- Class B Insulation
- Permanent Split Capacitor Switchless Design

FULL RATE

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	AMPS	FRAME	STOCK NUMBER	NORTHSTAR* NUMBER	APPROX "AG"
0.75		1.85		1.39	3450	208-230/115	6.0-5.5/11.0	56J	SN1072	SP1607Z1BNSC	10.54
1.00		1.85		1.85	3450	208-230/115	8.5-7.8/15.6	56J	SN1102	SP1610Z1BNSC	10.79
1.50		1.60		2.40	3450	208-230/115	11.0-10.2/20.4	56J	SN1152	SP1615Z1BNSC	11.29
2.00		1.35		2.70	3450	208-230	13.0-11.8	56J	SN1202	SP1620Z1BNSC	12.04
3.00		1.60		4.80	3450	208-230	20.6-19.0	56J	SN1302	SP1630Z1BNSC	13.54

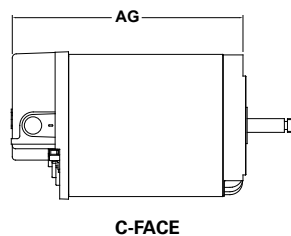
UP-RATED

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	AMPS	FRAME	STOCK NUMBER	NORTHSTAR* NUMBER	APPROX "AG"
1.00		1.40		1.40	3450	208-230/115	6.0-5.5/11.0	56J	USN1102	SP1607Z1MNSC	10.54
1.50		1.25		1.88	3450	208-230/115	8.5-7.8/15.6	56J	USN1152	SP1610Z1MNSC	10.79
2.00		1.20		2.40	3450	208-230/115	11.0-10.2/20.4	56J	USN1202	SP1615Z1MNSC	11.29
2.50		1.10		2.75	3450	208-230	13.0-11.8	56J	USN1252	SP1602Z1MNSC	12.04
3.00		1.20		3.60	3450	208-230	16.0-14.8	56J	USN1302	SP1625Z1MNSC	12.29

OEM DIRECT REPLACEMENT

NOTES
For AG measurements please reference the motor specifications table above

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HAYWARD®* TRISTAR®* DIRECT REPLACEMENT PUMP MOTORS

FULL RATE SQUARE FLANGE



HSQ1152

APPLICATIONS:

Inground Swimming Pools

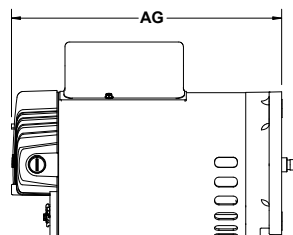
FEATURES:

- Automatic Thermal Protection
- Single-Speed
- Capacitor Start/Capacitor Run
- Open Dripproof
- Sealed Ball Bearings
- Rotation: CCW Pump End
- 60°C Ambient Temperature
- Stainless Shaft
- 60 Hz
- Single Phase
- Class F Insulation
- UL* 1081 Design
- Square flange

HP	X	SERVICE FACTOR	=	TOTAL HORSEPOWER	RPM	VOLTS	AMPS	FRAME	STOCK NUMBER	TRISTAR* NUMBER	APPROX "AG"	NOTES
0.50		1.99		1.00	3450	115/208-230	8.6/5.0-4.3	56Y	HSQ1052	SP3205Z1BE	10.54	
0.75		1.85		1.39	3450	115/208-230	11.6/7.0-5.8	56Y	HSQ1072	SP3207Z1BE	10.785	
1.00		1.85		1.85	3450	115/208-230	15.0/8.8-7.5	56Y	HSQ1102	SP3210Z1BE	11.285	
1.50		1.60		2.40	3450	115/208-230	20.0/12.0-10.0	56Y	HSQ1152	SP3215Z1BE	12.035	
2.00		1.35		2.70	3450	208-230	12.0-11.0	56Y	HSQ1202	SP3220Z1BE	13.535	
3.00		1.20		3.60	3450	208-230	15.4	56Y	HSQ1302	SP3230Z1BE	12.035	68
5.00		1.00		5.00	3450	208-230	22.0	56Y	HSQ1502	SP3240Z1ME	13.535	68, 90

OEM DIRECT REPLACEMENT

NOTES	
68	Permanent split capacitor motor
90	50°C Ambient Temperature
	For AG measurements please reference the motor specifications table above



SQUARE FLANGE

*Attribution statement appears on last page.

PARTS AND ACCESSORIES

CAPACITORS

PART NO.	DESCRIPTION	MFD RATING	VOLTAGE
10003946-001-001	CAPACITOR KIT-RUN	30 mFd	440 VAC
628308-405	CAPACITOR KIT-RUN	25 mFd	440 VAC
19566225	CAPACITOR-RUN	10/25 mFd	370 VAC
19566235	CAPACITOR-RUN	10/35 mFd	370 VAC
2522881-001	CAPACITOR-RUN	35 mFd	440 VAC
628308-407	CAPACITOR-RUN	30 mFd	440 VAC
628318-307	CAPACITOR-RUN	25 mFd	370 VAC
628318-308	CAPACITOR-RUN	30 mFd	370 VAC
628318-309	CAPACITOR-RUN	35 mFd	370 VAC
628318-313	CAPACITOR-RUN	50 mFd	370 VAC
628318-314	CAPACITOR-RUN	55 mFd	370 VAC
628318-315	CAPACITOR-RUN	60 mFd	370 VAC
15769523	CAPACITOR-START	108-130 mFd	110 VAC
15769623	CAPACITOR-START	161-193 mFd	125 VAC
15769728	CAPACITOR-START	124-149 mFd	165 VAC
15769815	CAPACITOR-START	53-64 mFd	220 VAC
15769903	CAPACITOR-START	53-64 mFd	250 VAC
10003237-001-013	CAPACITOR-START	53-64 mFd	250 VAC
10003237-001-049	CAPACITOR-START	161-193 mFd	110 VAC
610807-001	CAPACITOR-START	124-148 mFd	125 VAC
610807-011	CAPACITOR-START	36-43 mFd	250 VAC
610807-032	CAPACITOR-START	189-227 mFd	250 VAC

SWITCHES, TERMINAL BOARDS, COVERS & KITS

PART NO.	DESCRIPTION
630746-001	56 FRAME NEW CENTURION CANOPY
18374501	CANOPY KIT WITH TOGGLE SWITCH (ON/OFF) FOR 48 FRAME THRU BOLT MOTORS
18313301	CANOPY KIT WITH TWO-SPEED TOGGLE SWITCH (LO/OFF/HI) FOR 48 FRAME THRU BOLT MOTORS
1011431-001	CANOPY KIT WITH TWO-SPEED TOGGLE SWITCH (LO/OFF/HI) FOR 48 FRAME TWO COMPARTMENT MOTORS
2512558-001	CANOPY KIT WITH TWO-SPEED TOGGLE SWITCH (LO/OFF/HI) FOR 56 FRAME TWO-SPEED MOTORS
615332-002	CANOPY KIT WITH TWO-SPEED TOGGLE SWITCH (LO/OFF/HI) FOR 48 FRAME TWO COMPARTMENT MOTORS
629002-002	SWITCH KIT
610801	TERMINAL BOARD ASSEMBLY
17948001	TERMINAL BOARD ASSEMBLY
628401-001	TERMINAL BOARD ASSEMBLY WITH VOLTAGE SWITCH
17590450	TERMINAL COVER KIT WITH SWITCH (LO/OFF/HI) FOR 48 FRAME TWO COMPARTMENT MOTORS
631538-001	SWITCH KIT

VGREEN® ACCESSORIES & PARTS

PART NO.	DESCRIPTION	NOTES
2512723-001	VGREEN 270 OFF BOARD MOUNTING KIT	
2517030-001	VGREEN 270 REPLACEMENT USER INTERFACE	
2517501-001	VGREEN AUTOMATION ADAPTER KIT - GRAY	1
2517501-002	VGREEN AUTOMATION ADAPTER KIT - BLACK	
1011417-002	VGREEN FAN	
2521050-001	VGREEN FAN CANOPY ASSEMBLY - BLACK	
2521050-002	VGREEN FAN CANOPY ASSEMBLY - ALMOND	1
VL100	VLINK® WIRELESS USER INTERFACE	1

NOTES

1 | Item to be discontinued when stock is depleted

THE IMPORTANCE OF UNDERSTANDING A NAMEPLATE

READING AND UNDERSTANDING A MOTOR'S NAMEPLATE IS KEY IN CHOOSING THE CORRECT MOTOR

A replacement motor must be capable of carrying the same load as the motor it is replacing, **assuming that the original motor was sized correctly**. Much of the information you need to identify an electric motor is contained on the motor's nameplate. The nameplate also provides some basic information about a motor's operating characteristics. Proper motor selection is extremely important for safe, efficient, and reliable motor operation.

You must fully understand motor nameplate data in order to select the right motor for each application. If an exact match between an old motor and its replacement is not possible, you must be able to determine the most appropriate replacement.

HORSEPOWER AND SERVICE FACTOR

The idea behind the service factor (SF) is to provide an extra margin of safety in motor operation. This extra strength is designed into the motor to allow it to operate at some specified higher load than the motor's rated load.

Basically, the horsepower (HP) stated on the nameplate multiplied by the service factor equals the maximum allowable loading, or total horsepower (THP). The service factor defines the maximum overload the motor can handle when operating at rated voltage and frequency. Thus, a 1 HP motor with 1.5 SF can safely produce up to 1.5 horsepower to move a load (1 HP times 1.5 SF = 1.5 THP).

The best procedure in replacing any motor when an exact match of HP and SF is not available is to multiply the nameplate horsepower of the old motor times its service factor to determine the THP. Make certain the replacement motor has a maximum horsepower equal to or slightly higher than the old motor. Handling a continuous load greater than that allowed by the service factor will cause the motor's thermal protection device to trip. If the situation is not corrected, continued operation will eventually damage the motor.

FRAME SIZE

Standard frame sizes are defined by the National Electrical Manufacturer's Association (NEMA*). Each NEMA®* size defines specific critical dimensions. Frame size is very important in replacing an old motor with a new model or a motor from a different manufacturer. A new motor with a frame size that is different from the old motor may not fit. The most common fractional horsepower motor frame sizes are NEMA 42, 48, and 56. Integral horsepower (IHP) frame sizes are NEMA 140, 180, and larger.

SPEED

The speed at which the motor operates is a critical factor in motor selection. Motor speed must match the needs of the application. Motors are rated according to their speed in revolutions per minute (RPM) at rated horsepower, voltage, and frequency. The actual motor speed under load will vary slightly due to the actual voltage and loading.

Motor speed is determined by the number of poles the motor contains. Two-pole motors operate at 3450 rpm, and 8-pole motors at 850 rpm. The replacement motor must have the same number of electrical poles as the motor it is replacing, not just the same approximate speed.

VOLTAGE

The motor voltage rating must match the voltage of the electrical supply. Fractional horsepower motors can have voltage ratings of 115, 200, 208, 230, or 460 volts. The most common ratings are for 115 and 230 volts. A dual-voltage motor, such as a 115/230 volt motor, can be used with either of the listed power supply voltages. Especially in the case of dual-voltage motors, refer to the connection diagram for proper installation.

*Attribution statement appears on last page.

THE IMPORTANCE OF UNDERSTANDING A NAMEPLATE, CONTINUED

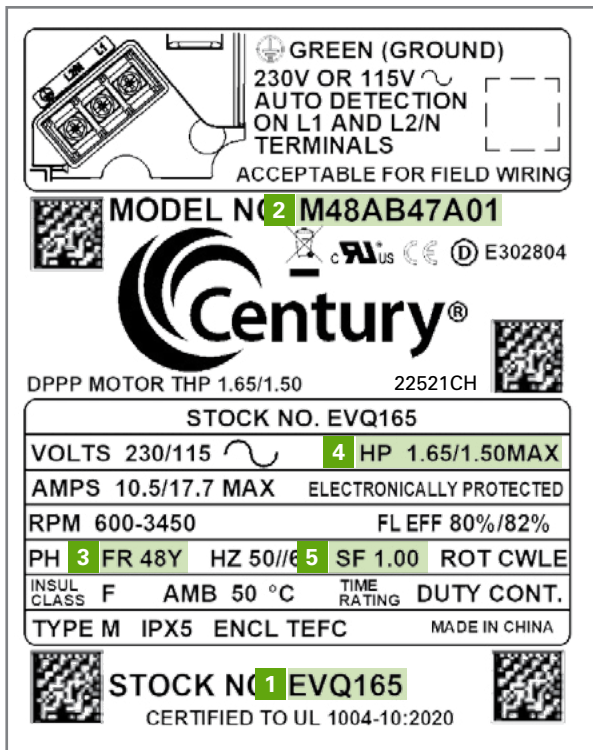
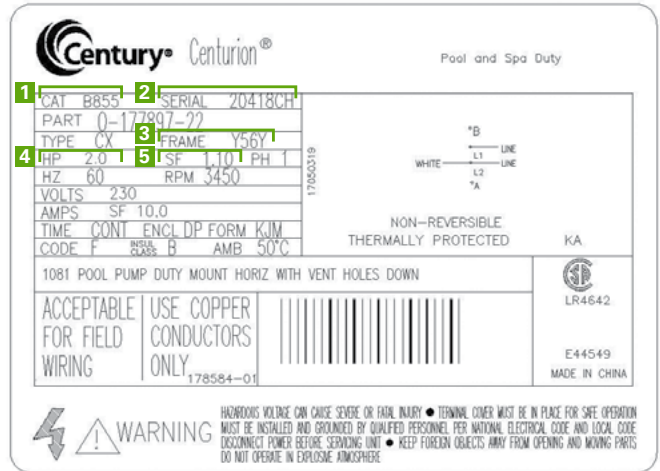
READING AND UNDERSTANDING A MOTOR'S NAMEPLATE IS KEY IN CHOOSING THE CORRECT MOTOR

UNDERSTANDING DATE CODES ON NAMEPLATES

1. Locate the alpha/alphanumeric code in the SER or SERIAL field of nameplate. On VGreen® motors, this code begins with the letter "S" and is placed above the barcode within the nameplate.
2. The first three digits indicate the day of the year the motor was manufactured. The next two digits indicate year the motor was manufactured.

S216170000012 = The 216th day of 2017 or August 4, 2017
 20418CH = The 204th day of 2018 or July 23, 2018

1. **CATALOG OR PART NUMBER** - The ID number
2. **SERIAL DATE CODE** - The month and year manufactured
 [204th day of 2018]
3. **FRAME** - Size and type
4. **HORSEPOWER** - HP x SF = Total Horsepower
5. **SERVICE FACTOR**



WARRANTY

Regal Rexnord™ offers the warranty set forth in its Standard Terms and Conditions of Sale accessible from Regal Rexnord's website: www.regalrexnord.com (look for link to "Standard Terms and Conditions of Sale" at bottom of page).

MOTOR TYPE	Warranty Period from First use of the Product	Warranty Period from Date of Manufacture of the Product
Standard Induction Motors	12	24
VGreen® Variable Speed Motors	18	24
VLink® Wireless User Interface	18	24

GENERAL INFORMATION

E-TOOLS MATCHED TO THE WAY YOU WORK

Our comprehensive product offering is instantly visible online, not to mention in the palm of your hand. Finding and specifying Century® brand pool and spa pump motors will never be the same, whether you're behind a desk or in the field you can easily find what you are looking for.

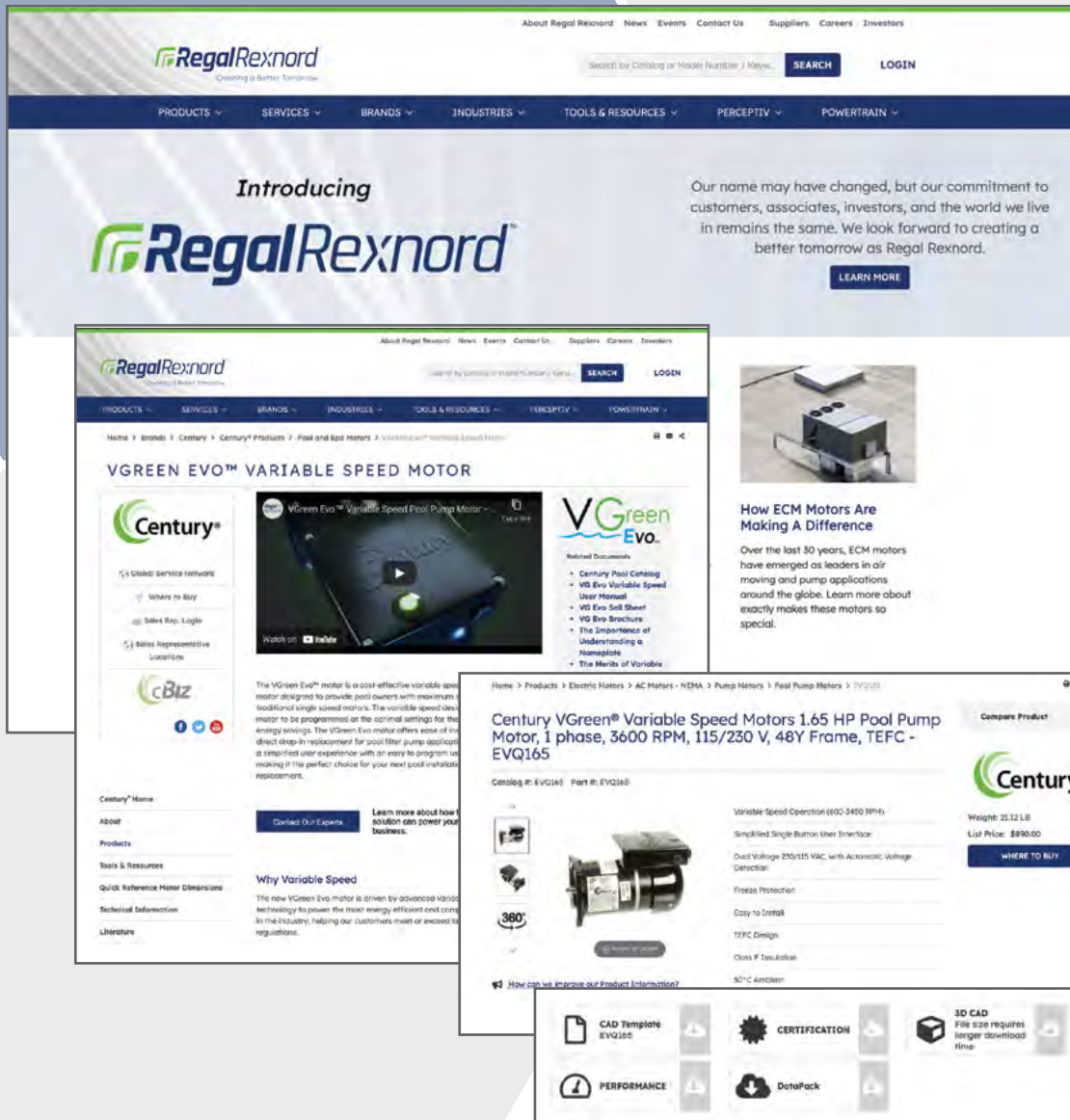


HAVE YOU TOURED THE REGAL REXNORD™ WEBSITE?

WWW.REGALREXNORD.COM

FEATURES:

- In depth information about Regal Rexnord brands and products
- Competitive cross-reference tool
- Robust product information details
- Rotating 360° views of products
- View products based on solution and application within a specific industry
- Access to dimensional drawings, CAD files, connection diagrams and more



CUSTOMER SEARCH:

Search for products by part number, by product family, by industry, by application, by brand, by solution, by cross reference, by configurator, with engineering tools and more. It is a 360° model designed to guide you to the right item.

INFORMATIONAL TOOL:

The website is packed with information, data, industry facts and statistics.

www.regalrexnord.com www.pool-motors.com

GENERAL INFORMATION

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B121	24	10	B2987	43	13	ECM16CU	30	3
B122	26	10	B625	27	20	ECM16SQU	29	3
B123	33	10	B638	30	10	ECM27CU	41	3
B124	32	10	B653	33	10	ECM27SQU	41	3
B125	40	10	B654	32	10	ELV08C	26	3
B126	22	10	B657	29	10	ELV08SQ	30	3
B127	22	10	B662	22	20	ELV08TB	25	3
B128	26	10	B663	25	20	EPA16SQ	28	3
B129	32	10	B667	26	20	EVC130	21	3
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B228SE	26	10	B836	37	10	H492	25	17
B229SE	25	10	B845	20	11	H513	27	17
B230SE	34	10	B966	41	13	H514	27	17
B231SE	29	10	B969	35	13	H616	31	17
B236	46	15	B970	24	13	H617	31	17
B237	22	15	B971	26	13	H635	28	17
B2661	28	11	B972	25	13	H636	31	17
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B2843	37	11	BN23V1	13	14	H741	36	17
B2844	37	11	BN24V1	18	14	H755	35	17, 21
B2846	23	11	BN25V1	18	14	H995	44	23
B2847V1	26	11	BN34V1	27	14	HBA125	21	6
B2848V1	27	11	BN35V1	20	14	HBA165	21	6
B2849		11	BN36	23	14	HBA220	21	6
B2852	21	11	BN37V1	25	14	HBA260	25	6
B2853V1	25	11	BN40SS	34	14	HBA345	40	6
B2854V1	29	11	BN50V1	27	14	HBC080	23	6
B2855	33	11	BN51	29	14	HBC110	25	6
B2858	35	11	BN61	30	14	HBC150	25	6
B2859	36	11	BN62	32	14	HBC200	33	6
B2973	28	13	BN63	33	14	HBC240	32	6
B2975	32	13	BV90	16	19	HBC345	25	6
B2977	34	13	BV91	16	19	HBQ095	21	6
B2979	36	13	CK1052	22	7	HBQ125	21	6
B2980	31	13	CK1072	25	7	HBQ165	21	6
B2981	32	13	CK1102	27	7	HBQ220	21	6
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HSQ220	33	5	SQL1072R	26	12
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HSQ1152	36	23	ST1072	21	7
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HSQ1302	46	23	ST1152	32	7
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HST275	33	5	T3072	21	16
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K3102	20	16	T3152	26	16
K3152	26	16	T3202	27	16
K3202	27	16	UCT1072V1	21	8
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Q3072	18	16	UCT1152	27	8
Q3102	23	16	UQC1072V1	23	9
Q3152	26	16	UQC1102	25	19
Q3202	28	16	UQC1152	30	19
Q3302V1	33	16	USN1102	27	22
QC1052	24	9	USN1152	33	22
QC1072	25	9	USN1202	35	22
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SDS1252	33	18	USQ1102	22	9
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SK1202	32	7	UST1152	26	8
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QUICK CROSS REFERENCE

VGREEN® VARIABLE SPEED MOTORS

Use this Quick Reference Guide to easily identify the VGreen variable speed motor that replaces the standard single-speed motor.

Flange	Century® Motor	HP	X	SF	=	Total Horsepower (THP)	Voltage	VGreen® Variable Speed Motor Replacement			
								085	165	270	VGreen Evo™ Motor
C-Face	HST080	0.80	X	1.00	=	0.80	115	ELV08C	x	x	EVC130
C-Face	HST080	0.80	X	1.00	=	0.80	230	x	ECM16CU	x	EVC130
C-Face	B228SE	1	X	1.00	=	1.00	230	x	ECM16CU	x	EVC130
C-Face	B228SE	1	X	1.00	=	1.00	115	ELV08C	x	x	EVC130
C-Face	UCT1102	1	X	1.0	=	1.00	115	ELV08C	x	x	EVC130
C-Face	UCT1102	1	X	1.0	=	1.00	230	x	ECM16CU	x	EVC130
C-Face	UST1102	1	X	1.10	=	1.10	115	x	x	x	EVC130
C-Face	UST1102	1	X	1.10	=	1.10	230	x	ECM16CU	x	EVC130
C-Face	B128	1	X	1.40	=	1.40	230	x	ECM16CU	x	EVC165
C-Face	B128	1	X	1.40	=	1.40	115	x	x	x	EVC165
C-Face	B654	1	X	1.40	=	1.40	115	x	x	x	EVC165
C-Face	B654	1	X	1.40	=	1.40	230	x	ECM16CU	x	EVC165
C-Face	CT1102	1	X	1.40	=	1.40	115	x	x	x	EVC165
C-Face	CT1102	1	X	1.40	=	1.40	230	x	ECM16CU	x	EVC165
C-Face	ST1102	1	X	1.50	=	1.50	115	x	x	x	EVC165
C-Face	ST1102	1	X	1.50	=	1.50	230	x	ECM16CU	x	EVC165
C-Face	HST110	1.10	X	1.00	=	1.10	115	x	x	x	EVC130
C-Face	HST110	1.10	X	1.00	=	1.10	230	x	ECM16CU	x	EVC130
C-Face	B229SE	1.5	X	1.00	=	1.50	230	x	ECM16CU	x	EVC165
C-Face	B229SE	1.5	X	1.00	=	1.50	115	x	x	x	EVC165
C-Face	HST150	1.50	X	1.00	=	1.50	115	x	x	x	EVC165
C-Face	HST150	1.50	X	1.00	=	1.50	230	x	ECM16CU	x	EVC165
C-Face	UCT1152	1.5	X	1.00	=	1.50	115	x	x	x	EVC165
C-Face	UCT1152	1.5	X	1.00	=	1.50	230	x	ECM16CU	x	EVC165
C-Face	UST1152	1.5	X	1.00	=	1.50	115	x	x	x	EVC165
C-Face	UST1152	1.5	X	1.00	=	1.50	230	x	ECM16CU	x	EVC165
C-Face	B129	1.5	X	1.30	=	1.95	230	x	x	ECM27CU	EVC225
C-Face	B129	1.5	X	1.30	=	1.95	115	x	x	x	EVC225
C-Face	B796	1.5	X	1.30	=	1.95	115	x	x	x	EVC225
C-Face	B796	1.5	X	1.30	=	1.95	230	x	x	ECM27CU	EVC225
C-Face	ST1152	1.5	X	1.50	=	2.25	115	x	x	x	EVC225
C-Face	ST1152	1.5	X	1.50	=	2.25	230	x	x	ECM27CU	EVC225
C-Face	B230SE	2	X	1.00	=	2.00	230	x	x	ECM27CU	EVC225
C-Face	B230SE	2	X	1.00	=	2.00	115	x	x	x	EVC225
C-Face	UST1202	2	X	1.1	=	2.2	115	x	x	x	EVC225
C-Face	UST1202	2	X	1.1	=	2.2	230	x	x	ECM27CU	EVC225
C-Face	B130	2	X	1.20	=	2.40	230	x	x	ECM27CU	x
C-Face	B809	2	X	1.20	=	2.40	230	x	x	ECM27CU	x
C-Face	B809	2	X	1.20	=	2.40	230	x	x	ECM27CU	x
C-Face	ST1202	2	X	1.30	=	2.60	230	x	x	ECM27CU	x
C-Face	HST225	2.25	X	1.00	=	2.25	115	x	x	x	EVC225
C-Face	HST225	2.25	X	1.00	=	2.25	230	x	x	ECM27CU	EVC225
C-Face	B231SE	2.5	X	1.00	=	2.5	230	x	x	ECM27CU	x
C-Face	UST1252	2.5	X	1,10	=	2.75	230	x	x	ECM27CU	x

QUICK CROSS REFERENCE

VGREEN® VARIABLE SPEED MOTORS

Flange	Century® Motor	HP	X	SF	=	Total Horsepower (THP)	Voltage	VGreen® Variable Speed Motor Replacement			
								085	165	270	VGreen Evo™ Motor
C-Face	HST275	2.75	X	1.00	=	2.75	230	x	x	ECM27CU	x
C-Face	B126	1/2	X	1.60	=	0.80	230	x	ECM16CU	x	EVC130
C-Face	B126	1/2	X	1.60	=	0.80	115	ELV08C	x	x	EVC130
C-Face	B657	1/2	X	1.60	=	0.80	115	ELV08C	x	x	EVC130
C-Face	B657	1/2	X	1.60	=	0.80	230	x	ECM16CU	x	EVC130
C-Face	CT1052	1/2	X	1.60	=	0.80	115	ELV08C	x	x	EVC130
C-Face	CT1052	1/2	X	1.60	=	0.80	230	x	ECM16CU	x	EVC130
C-Face	ST1052	1/2	X	1.60	=	0.80	115	ELV08C	x	x	EVC130
C-Face	ST1052	1/2	X	1.60	=	0.80	230	x	ECM16CU	x	EVC130
C-Face	B227SE	3/4	X	1.00	=	0.75	230	x	ECM16CU	x	EVC130
C-Face	B227SE	3/4	X	1.00	=	0.75	115	ELV08C	x	x	EVC130
C-Face	UCT1072	3/4	X	1.00	=	0.75	115	ELV08C	x	x	EVC130
C-Face	UCT1072	3/4	X	1.00	=	0.75	230	x	ECM16CU	x	EVC130
C-Face	UCT1072V1	3/4	X	1.00	=	0.75	115	ELV08C	x	x	EVC130
C-Face	UCT1072V1	3/4	X	1.00	=	0.75	230	x	ECM16SQU	x	EVC130
C-Face	UST1072	3/4	X	1.00	=	0.75	115	ELV08C	x	x	EVC130
C-Face	UST1072	3/4	X	1.00	=	0.75	230	x	ECM16CU	x	EVC130
C-Face	B127	3/4	X	1.50	=	1.13	230	x	ECM16CU	x	EVC130
C-Face	B127	3/4	X	1.50	=	1.13	115	x	x	x	EVC130
C-Face	B2984	3/4	X	1.50	=	1.13	230	x	ECM16CU	x	x
C-Face	CT1072	3/4	X	1.50	=	1.13	115	x	x	x	EVC130
C-Face	CT1072	3/4	X	1.50	=	1.13	230	x	ECM16CU	x	EVC130
C-Face	ST1072	3/4	X	1.50	=	1.13	115	x	x	x	EVC130
C-Face	ST1072	3/4	X	1.50	=	1.13	230	x	ECM16CU	x	EVC130
C-Face	B971	0.5 / .06	X	1.60	=	0.80	115	ELV08C	x	x	EVC130
C-Face	STS1072RV1	0.75 / 0.10	X	1.50	=	1.125	230	x	ECM16CU	x	EVC130
C-Face	STS1102RV1	1 / .13	X	1.50	=	1.50	230	x	ECM16CU	x	EVC165
C-Face	B2975	1.0 / .12	X	1.25	=	1.25	230	x	ECM16CU	x	EVC165
C-Face	B2975T	1.0 / .12	X	1.25	=	1.25	230	x	ECM16CU	x	EVC130
C-Face	B2977	1.5 / .20	X	1.30	=	1.95	230	x	x	ECM27CU	EVC225
C-Face	STS1152R	1.5 / .25	X	1.30	=	1.95	230	x	x	ECM27CU	EVC225
C-Face	B2979	2.0 / .25	X	1.20	=	2.40	230	x	x	ECM27CU	x
Square	HSQ095	0.95	X	1.00	=	0.95	115	ELV08SQ	x	x	EVC130
Square	HSQ095	0.95	X	1.00	=	0.95	230	x	ECM16SQU	x	EVC130
Square	B2853	1	X	1.25	=	1.25	115	x	x	x	EVC130
Square	B2853	1	X	1.25	=	1.25	230	x	ECM16SQU	x	EVC130
Square	UQC1102	1	X	1.25	=	1.25	115	x	x	x	EVC130
Square	UQC1102	1	X	1.25	=	1.25	230	x	ECM16SQU	x	EVC130
Square	USQ1102	1	X	1.25	=	1.25	115	x	x	x	EVC130
Square	USQ1102	1	X	1.25	=	1.25	230	x	ECM16SQU	x	EVC130
Square	B2841V1	1	X	1.65	=	1.65	115	x	x	x	EVC165
Square	B2841V1	1	X	1.65	=	1.65	230	x	ECM16SQU	x	EVC165
Square	B2848	1	X	1.65	=	1.65	115	x	x	x	EVC165

QUICK CROSS REFERENCE

VGREEN® VARIABLE SPEED MOTORS

Flange	Century® Motor	HP	X	SF	=	Total Horsepower (THP)	Voltage	VGeen® Variable Speed Motor Replacement			
								085	165	270	VGreen Evo™ Motor
Square	B2848	1	X	1.65	=	1.65	230	x	ECM16SQU	x	EVQ165
Square	QC1102	1	X	1.65	=	1.65	115	x	x	x	EVQ165
Square	QC1102	1	X	1.65	=	1.65	230	x	ECM16SQU	x	EVQ165
Square	SQ1102	1	X	1.65	=	1.65	115	x	x	x	EVQ165
Square	SQ1102	1	X	1.65	=	1.65	230	x	ECM16SQU	x	EVQ165
Square	HSQ1102	1	X	1.85	=	1.85	115	x	x	x	EVQ165
Square	HSQ1102	1	X	1.85	=	1.85	230	x	ECM16SQU	x	EVQ165
Square	BPA449	1.25	X	1.00	=	1.25	230	x	EPA16SQ	x	EVQ130
Square	BPA449V1	1.25	X	1.00	=	1.25	230	x	EPA16SQ	x	EVQ130
Square	HSQ125	1.25	X	1.00	=	1.25	115	x	x	x	EVQ130
Square	HSQ125	1.25	X	1.00	=	1.25	230	x	ECM16SQU	x	EVQ130
Square	B2854	1.5	X	1.10	=	1.65	115	x	x	x	EVQ165
Square	B2854	1.5	X	1.10	=	1.65	230	x	ECM16SQU	x	EVQ165
Square	UQC1152	1.5	X	1.1	=	1.65	115	x	x	x	EVQ165
Square	UQC1152	1.5	X	1.1	=	1.65	230	x	ECM16SQU	x	EVQ165
Square	USQ1152	1.5	X	1.10	=	1.65	115	x	x	x	EVQ165
Square	USQ1152	1.5	X	1.10	=	1.65	230	x	ECM16SQU	x	EVQ165
Square	B2842	1.5	X	1.47	=	2.21	230	x	x	ECM27SQU	EVQ225
Square	SQ1152	1.5	X	1.47	=	2.21	230	x	x	ECM27SQU	EVQ225
Square	B2858	1.5	X	1.50	=	2.25	115	x	x	x	EVQ225
Square	B2858	1.5	X	1.50	=	2.25	230	x	x	ECM27SQU	EVQ225
Square	B849	1.5	X	1.50	=	2.25	230	x	x	ECM27SQU	EVQ225
Square	HSQ1152	1.5	X	1.60	=	2.40	115	x	x	x	x
Square	HSQ1152	1.5	X	1.60	=	2.40	230	x	x	ECM27SQU	x
Square	BPA450V1	1.65	X	1.00	=	1.65	230	x	EPA16SQ	x	EVQ165
Square	HSQ165	1.65	X	1.00	=	1.65	115	x	x	x	EVQ165
Square	HSQ165	1.65	X	1.00	=	1.65	230	x	ECM16SQU	x	EVQ165
Square	B2859	2	X	1.10	=	2.20	115	x	x	x	EVQ225
Square	B2859	2	X	1.10	=	2.20	230	x	x	ECM27SQU	EVQ225
Square	B855	2	X	1.10	=	2.20	230	x	x	ECM27SQU	EVQ225
Square	USQ1202	2	X	1.10	=	2.10	230	x	x	ECM27SQU	EVQ225
Square	B2748	2	X	1.30	=	2.60	230	x	x	ECM27SQU	x
Square	B2843	2	X	1.30	=	2.60	230	x	x	ECM27SQU	x
Square	SQ1202	2	X	1.30	=	2.60	230	x	x	ECM27SQU	x
Square	HSQ1202	2	X	1.35	=	2.70	230	x	x	ECM27SQU	x
Square	BPA451V1	2.20	X	1.00	=	2.20	230	x	x	ECM27SQU	EVQ225
Square	HSQ220	2.20	X	1.00	=	2.20	230	x	x	ECM27SQU	EVQ225
Square	USQ1252	2.5	X	1.00	=	2.50	230	x	x	ECM27SQU	x
Square	B2840	2.5	X	1.04	=	2.60	230	x	x	ECM27SQU	x
Square	BPA452V1	2.60	X	1.00	=	2.60	230	x	x	ECM27SQU	x
Square	HSQ260	2.60	X	1.00	=	2.60	230	x	x	ECM27SQU	x
Square	USQ1052	1/2	X	1.3	=	0.65	115	ELV08SQ	x	x	EVQ130
Square	USQ1052	1/2	X	1.3	=	0.65	230	x	ECM16SQU	x	EVQ130
Square	B845	1/2	X	1.90	=	0.95	115	ELV08SQ	x	x	EVQ130

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QUICK CROSS REFERENCE

VGREEN® VARIABLE SPEED MOTORS

Flange	Century® Motor	HP	X	SF	=	Total Horsepower (THP)	Voltage	VGreen® Variable Speed Motor Replacement			
								085	165	270	VGreen Evo™ Motor
Square	B845	1/2	X	1.90	=	0.95	230	x	ECM16SQU	x	EVO130
Square	QC1052	1/2	X	1.9	=	0.95	115	ELV08SQ	x	x	EVO130
Square	QC1052	1/2	X	1.9	=	0.95	230	x	ECM16SQU	x	EVO130
Square	SQ1052	1/2	X	1.90	=	0.95	115	ELV08SQ	x	x	EVO130
Square	SQ1052	1/2	X	1.90	=	0.95	230	x	ECM16SQU	x	EVO130
Square	B2846	1/2	X	1.95	=	0.98	115	ELV08SQ	x	x	EVO130
Square	B2846	1/2	X	1.95	=	0.98	230	x	ECM16SQU	x	EVO130
Square	HSQ1052	1/2	X	1.99	=	1.0	115	ELV08SQ	x	x	EVO130
Square	HSQ1052	1/2	X	1.99	=	1.0	230	x	ECM16SQU	x	EVO130
Square	SQ1032	1/3	X	1.95	=	0.64	115	ELV08SQ	x	x	EVO130
Square	SQ1032	1/3	X	1.95	=	0.64	230	x	ECM16SQU	x	EVO130
Square	B2852	3/4	X	1.25	=	0.94	115	ELV08SQ	x	x	EVO130
Square	B2852	3/4	X	1.25	=	0.94	230	x	ECM16SQU	x	EVO130
Square	UQC1072	3/4	X	1.27	=	0.95	115	ELV08SQ	x	x	EVO130
Square	UQC1072	3/4	X	1.27	=	0.95	230	x	ECM16SQU	x	EVO130
Square	UQC1072V1	3/4	X	1.27	=	0.95	115	ELV08SQ	x	x	EVO130
Square	UQC1072V1	3/4	X	1.27	=	0.95	230	x	ECM16SQU	x	EVO130
Square	USQ1072	3/4	X	1.27	=	0.95	115	ELV08SQ	x	x	EVO130
Square	USQ1072	3/4	X	1.27	=	0.95	230	x	ECM16SQU	x	EVO130
Square	B2661	3/4	X	1.65	=	1.25	115	x	x	x	EVO130
Square	B2661	3/4	X	1.65	=	1.25	230	x	ECM16SQU	x	EVO130
Square	B2847V1	3/4	X	1.65	=	1.24	115	x	x	x	EVO130
Square	B2847V1	3/4	X	1.65	=	1.24	230	x	ECM16SQU	x	EVO130
Square	QC1072	3/4	X	1.65	=	1.24	115	x	x	x	EVO130
Square	QC1072	3/4	X	1.65	=	1.24	230	x	ECM16SQU	x	EVO130
Square	SQ1072	3/4	X	1.65	=	1.24	115	x	x	x	EVO130
Square	SQ1072	3/4	X	1.65	=	1.24	230	x	ECM16SQU	x	EVO130
Square	HSQ1072	3/4	X	1.85	=	1.39	115	x	x	x	EVO165
Square	HSQ1072	3/4	X	1.85	=	1.39	230	x	ECM16SQU	x	EVO165
Square	B2980	.75 / .10	X	1.67	=	1.25	230	x	ECM16SQU	x	EVO130
Square	B2980T	.75 / .10	X	1.67	=	1.25	230	x	ECM16SQU	x	EVO165
Square	SQL1072R	.75 / .13	X	1.65	=	1.24	115	ELV08SQ	x	x	EVO130
Square	B2982	1.0 / .13	X	1.65	=	1.65	230	x	ECM16SQU	x	EVO165
Square	SQS1102R	1.0 / .17	X	1.65	=	1.65	230	x	ECM16SQU	x	EVO165
Square	B2983	1.5 / .19	X	1.47	=	2.21	230	x	x	ECM27SQU	EVO225
Square	SQS1152R	1.5 / .25	X	1.47	=	2.21	230	x	x	ECM27SQU	EVO225
Square	B2984	2.0 / .25	X	1.30	=	2.60	230	x	x	ECM27SQU	x
Square	B985	2.0 / .33	X	1.10	=	2.20	230	x	x	ECM27SQU	EVO225
Square	SQS1202R	2.0 / .33	X	1.30	=	2.60	230	x	x	ECM27SQU	x
Thru Bolt	BN25V1	1	X	1.00	=	1.00	115	ELV08TB	x	x	x
Thru Bolt	BN23V1	1/2	X	1.00	=	0.50	115	ELV08TB	x	x	x
Thru Bolt	BN24V1	3/4	X	1.00	=	0.75	115	ELV08TB	x	x	x
Thru Bolt	BN36	.75 / .10	X	1.00	=	0.75	115	ELV08TB	x	x	x
Thru Bolt	BN37V1	1.0 / .12	X	1.00	=	1.00	115	ELV08TB	x	x	x

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