

EASY TO INSTALL - PROTECTS PUMP - IMPROVES POOL SAFETY

Features:

- Easy to install
- Auto-Reset
- Auto-Calibration
- Ball Bearing
- Economical
- 60 HZ
- Stainless Steel Shaft
- Nerve Center (lighting sequence)
- 3/4 to 3 HP
- Single-Speed
- Single Phase
- Run/Restart/Rest/Bypass Mode
- Tamper-Resistant Housing
- Compatible with all flow rates



USQG1152A

Applications:

Century® Guardian® motors comply with requirements for safety vacuum release systems in the Virginia Graeme Baker Pool and Spa Safety Act of 2007. Guardian® motors on this page pass ASME A112.19.17 SVRS standard.

Guardian® motors will not prevent evisceration, hair, object or partial limb entrapment and is designed for suction lift applications.

HP	RPM	Volts	Max. Amps	Service Factor	THP	Frame	Stock Number	Shaft	Rating	Approx. "AG"	Notes
TWO COMPARTMENT, C-FACE											
1	3450	115/230	15.0/7.5	1.10	1.10	56J	USTG1102A	Threaded	Up	11	
1	3450	115/230	18.6/9.3	1.50	1.50	56J	STG1102A	Threaded	Full	12-1/8	
1-1/2	3450	115/230	18.6/9.3	1.00	1.50	56J	USTG1152A	Threaded	Up	12-1/8	
2	3450	208-230	12.6/11.4	1.32	2.64	56J	STG1202A	Threaded	Full	13-1/16	
3	3450	208-230	14.5/13.8	1.15	3.45	56J	STG1302A	Threaded	Full	14-3/16	
CENTURION, C-FACE											
1	3450	230/115	7.2/14.4	1.40	1.4	56J	BG128A	Threaded	Full	10	
1-1/2	3450	230/115	9.2/18.4	1.30	1.95	56J	BG129A	Threaded	Full	11	
2	3450	230	10.5	1.20	2.40	56J	BG130A	Threaded	Full	10-1/2	
3	3450	230	14.1	1.15	3.45	56J	BG131A	Threaded	Full	11-9/16	
TWO COMPARTMENT, SQUARE FLANGE											
3/4	3450	115/230	11.8/5.9	1.27	0.95	48Y	USQG1072A	Threaded	Up	11-1/2	
1	3450	115/230	14.8/7.4	1.25	1.25	48Y	USQG1102A	Threaded	Up	12-1/8	
1-1/2	3450	115/230	19.2/9.6	1.10	1.65	48Y	USQG1152A	Threaded	Up	13-1/8	
2	3450	230	11.2	1.30	2.60	48Y	SQG1202A	Threaded	Full	13-7/8	
3	3450	230	15.4	1.15	3.45	56Y	SQG1302A	Threaded	Full	14	
CENTURION, SQUARE FLANGE											
1	3450	230/115	7.1/14.2	1.25	1.25	56Y	BG853A	Threaded	Up	9-7/8	
1	3450	230/115	8.0/16.0	1.65	1.65	56Y	BG848A	Threaded	Full	10-1/4	
1-1/2	3450	230/115	8.0/16.0	1.10	1.65	56Y	BG854A	Threaded	Up	10-1/4	
2	3450	230	10.0	1.10	2.20	56Y	BG855A	Threaded	Up	10-7/8	
2	3450	230	11.5	1.30	2.60	56Y	BG748A	Threaded	Full	12-3/4	
3	3450	208-230	15.0-13.6	1.15	3.45	56Y	BG2844A	Threaded	Full	13-5/8	

Notes:

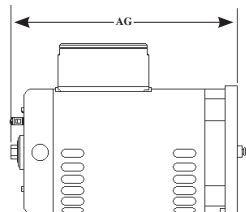
Guardian® Motors Also:

Facilitates no main drain pool designs in place of an equalizer line. Guardian® motors shut off the motor/pump when the water level drops below the skimmer.

Reduces pump, motor and seal damage.

Shut off the motor/pump if any of the following conditions occur: Dry, blocked or jammed pump conditions; locked rotor, loss of prime, or abnormal voltage variations.

Detect clogged or blocked filters and shuts down the pump.



⚠ WARNING Guardian® SVRS helps prevent body entrapment on drains due to suction only. It does NOT protect against the four other types of entrapment:

Hair Entanglement: if long hair is pulled into some drains by the flowing water, it can become knotted or snagged, trapping the swimmer underwater and leading to drowning.

Mechanical Entrapment: small items or body parts (e.g., jewelry, swimsuit, hair decorations, fingers, toes, or knuckles) can be caught in some drains or drain covers, trapping the swimmer underwater and leading to drowning.

Limb Entrapment: arms or legs can become trapped in uncovered drains, leading to drowning.

Evisceration/Disembowelment: if a person sits on some drains, the suction can pull the lower intestine out of the rectum, causing irreversible damage.

Two Compartment NEMA C-Face Pool Filter Motors • Single Speed

Features:

- Auto Protector
- Open Dripproof
- Sealed Ball Bearings
- “1081” Design
- 304 Brg. Shaft End
- Capacitor Start and Capacitor Start-Capacitor Run
- NEMA “56C” Face Mount
- Rotation: CCW Pump End
- Sealed Switch Design
- 50°C Ambient
- 60 Hz
- 303 Stainless Shaft (56J & 56C)



SK1072



CT1072

HIGH SERVICE FACTOR (FULL RATED) - STANDARD EFFICIENCY AND “CONSERVATIONIST™” HIGH EFFICIENCY DESIGNS

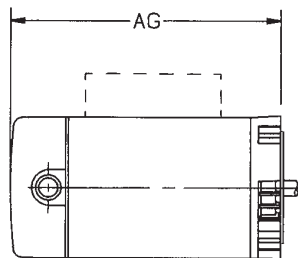
HP	RPM	Volts	Max. Amps	Service Factor	THP	Frame	Stock Number	Shaft	Approx. “AG”	Notes
1/2	3450	115/230	10.6/5.3	1.6	0.8	56C	SK1052	Key	11	
1/2	3450	115/230	8.0/4.0	1.6	0.8	56C	CK1052★	Key	11	20,\$
1/2	3450	115/230	11.0/5.5	1.6	0.8	56J	ST1052	Thd.	10-5/8	
1/2	3450	115/230	8.0/4.0	1.6	0.8	56J	CT1052★	Thd.	11	20,\$
3/4	3450	115/230	14.6/7.3	1.5	1.13	56C	SK1072	Key	11-9/16	
3/4	3450	115/230	11.0/5.5	1.5	1.13	56C	CK1072	Key	11-11/16	20,\$
3/4	3450	115/230	15.0/7.5	1.5	1.13	56J	ST1072	Thd.	11	
3/4	3450	115/230	11.0/5.5	1.5	1.13	56J	CT1072	Thd.	11-11/16	20,\$
1	3450	115/230	17.0/8.5	1.5	1.5	56C	SK1102	Key	12-1/8	
1	3450	115/230	13.6/6.8	1.4	1.4	56C	CK1102	Key	12-1/8	20,\$
1	3450	115/230	18.6/9.3	1.5	1.5	56J	ST1102	Thd.	12-1/8	
1	3450	115/230	13.6/6.8	1.4	1.4	56J	CT1102	Thd.	12-1/8	20,\$
1-1/2	3450	115/230	19.4/9.7	1.3	1.95	56C	SK1152	Key	12-5/8	20,\$
1-1/2	3450	115/208-230	19.6/10.4-9.8	1.5	2.25	56J	ST1152	Thd.	12-5/8	20,\$
2	3450	230	11.2	1.3	2.6	56C	SK1202	Key	13-1/16	20,\$
2	3450	208-230	12.6-11.4	1.3	2.6	56J	ST1202	Thd.	13-1/16	20,\$
3	3450	230	14.4	1.15	3.45	56C	SK1302V1	Key	13-5/8	20,\$
3	3450	208-230	14.5-13.8	1.15	3.45	56J	ST1302V1	Thd.	14-3/16	20,\$

Notes:

\$ Energy efficient

20. \$ Energy Efficient capacitor start, capacitor run “Conservationist™” motor
See page 247 for mounting dimensions.

★ Meets California Energy Commission Appliance Regulations 2008
(Publication Number CEC-400-2006-002-REV1)
www.energy.ca.gov



Important:

1. Total output (HP x service factor) of replacement motor must equal or exceed motor being replaced.
2. The pool motors on this page are **NOT equipped with a Safety Vacuum Release System (SVRS)**. SVRS helps prevent drowning due to body entrapment on underwater drains. In some pool configurations, if a person's body covers the drain, the person can be trapped by suction. The SVRS turns off the pump if this occurs.

⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.

Two Compartment NEMA C-Face Pool Filter Motors • Single Speed

Features:

- Auto Protector
- Sealed Switch Design
- Sealed Ball Bearings
- NEMA “56C” Face Mount
- Open Dripproof
- “1081” Design
- 50°C Ambient
- 60 Hz
- Rotation: CCW Pump End
- 304 Brg. Shaft End
- 303 Stainless Shaft (56J & 56C)
- Capacitor Start and Capacitor Start-Capacitor Run



UST1072

LOW SERVICE FACTOR (UP-RATED) - STANDARD EFFICIENCY AND “CONSERVATIONIST™” HIGH EFFICIENCY DESIGNS

HP	RPM	Volts	Max. Amps	Service Factor	THP	Frame	Stock Number	Approx. Shaft	“AG”	Notes
3/4	3450	115/230	11.0/5.5	1.0	.75	56J	UST1072	Thd.	10-5/8	
3/4	3450	115/230	8.0/4.0	1.0	.75	56J	UCT1072 ★	Thd.	11	20,\$
1	3450	115/230	15.0/7.5	1.1	1.1	56J	UST1102	Thd.	11	
1	3450	115/230	11.0/5.5	1.0	1.0	56J	UCT1102	Thd.	11-11/16	20,\$
1-1/2	3450	115/230	18.6/9.3	1.0	1.5	56J	UST1152	Thd.	12-1/8	
1-1/2	3450	115/230	14.6/7.3	1.0	1.5	56J	UCT1152	Thd.	12-1/8	20,\$
2	3450	115/208-230	19.6/10.4-9.8	1.1	2.2	56J	UST1202	Thd.	12-5/8	20,\$
2-1/2	3450	208-230	12.6/11.4	1.1	2.75	56J	UST1252	Thd.	13-1/16	20,\$

Two Compartment NEMA C-Face Pool Filter Motors • Two-Speed

Features:

- Auto Protector
- Sealed Switch Design
- Rotation: CCW Pump End
- All Copper Windings
- Open Dripproof
- “1081” Design
- 50°C Ambient
- 60 Hz
- 303 Stainless Steel Threaded Shaft
- Sealed Ball Bearings (304 Shaft End)
- Capacitor Start/Capacitor Run



STS1072RV1

Century® NEMA C flange swimming pool filter pump motors are carefully engineered to meet the rugged demands of pool duty. Two sealed ball bearings (with large 304 bearing on shaft end) offer ample capacity for extended life. Bearings are selected for quietness and are lubricated for life with greases specifically chosen for moisture and heat resistant qualities. Aluminum end frames are accurately machined for maximum concentricity and minimum runout.

Two-speed motors are shipped less hi/lo switch for remote operation. End cover and switch assembly kit number 1011431-001 available and sold separately.

HP	RPM	Volts	Max. Amps Hi - Lo	Service Factor	THP	Frame	Stock Number	Shaft	Approx. “AG”	Notes
3/4~1/10	3450/1725	230	5.4/2.2	1.5	1.13	56J	STS1072RV1 ★	Thrd	12-1/8	90,\$
1~1/8	3450/1725	230	7.0/2.3	1.5	1.5	56J	STS1102RV1 ★	Thrd	12-1/2	90,\$
1-1/2~1/4	3450/1725	230	9.0/3.3	1.3	1.95	56J	STS1152R ★	Thrd	13-1/16	20,\$

Notes:

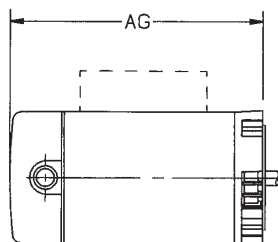
§ Energy efficient

20. \$ Energy Efficient capacitor start, capacitor run “Conservationist” motor

90. 50 degree C ambient

See page 247 for mounting dimensions.

★ Meets California Energy Commission Appliance Regulations 2008 (Publication Number CEC-400-2006-002-REV1) www.energy.ca.gov



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⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.

Century® C-Face Pool and Spa Pump Motors

Permanent Split Capacitor – Switchless – Single Phase – Dripproof No Base – 3450 RPM 1/2 thru 4 HP

Features:

- Ball Bearings
- 50°C Ambient
- 60 Hz
- Class B Insulation
- 304 Bearing Shaft End
- Rotation: CCW Pump End



B126

Centurion® “1081” • Full Rate • High Service Factor • Aluminum NEMA “C” Brackets

HP	RPM	Volts	Service Factor Amps	Service Factor	THP	Frame	Stock Number	Overload Protector	Shaft	“C” Dimension	Notes
1/2	3450	230/115	4.4/8.8	1.60	0.8	56C	B120★	Auto	Keyed	11.44	
1/2	3450	230/115	4.4/8.8	1.60	0.8	56J	B126★	Auto	Threaded	11.94	12
3/4	3450	230/115	6.0/12.0	1.50	1.13	56C	B121	Auto	Keyed	11.44	
3/4	3450	230/115	6.0/12.0	1.50	1.13	56J	B127	Auto	Threaded	12.01	12
1	3450	230/115	7.2/14.4	1.40	1.4	56C	B122	Auto	Keyed	11.89	
1	3450	230/115	7.2/14.4	1.40	1.4	56J	B128	Auto	Threaded	12.14	12
1-1/2	3450	230/115	9.2/18.4	1.30	1.95	56C	B123	Auto	Keyed	13.19	
1-1/2	3450	230/115	9.2/18.4	1.30	1.95	56J	B129	Auto	Threaded	13.50	12
2	3450	230/115	10.8/21.6	1.20	2.4	56C	B835	Auto	Keyed	13.94	
2	3450	230	10.5	1.20	2.4	56C	B124	Auto	Keyed	12.55	
2	3450	230/115	10.8/21.6	1.20	2.4	56J	B836	Auto	Threaded	13.90	12
2	3450	230	10.5	1.20	2.4	56J	B130	Auto	Threaded	13.10	12
3	3450	230	14.1	1.15	3.45	56C	B125	Auto	Keyed	13.65	
3	3450	230	14.1	1.15	3.45	56J	B131	Auto	Threaded	14.15	12
4	3450	208-230	21.0-19.4	1.25	5.0	56Y	B116	Manual	Special	16.78	31,34,63,236

Centurion® SE “1081” • Up Rate • Low Service Factor

HP	RPM	Volts	Service Factor Amps	Service Factor	THP	Frame	Stock Number	Overload Protector	Shaft	“C” Dimension	Notes
3/4	3450	230/115	4.4/8.8	1.00	.75	56J	B227SE★	Auto	Threaded	12.56	12
1	3450	230/115	6.0/12.0	1.00	1.0	56J	B228SE	Auto	Threaded	12.81	12
1-1/2	3450	230/115	7.2/14.4	1.00	1.5	56J	B229SE	Auto	Threaded	13.91	12
2	3450	230/115	9.2/18.4	1.00	2.0	56J	B230SE	Auto	Threaded	14.31	12
2-1/2	3450	230	10.5	1.00	2.5	56J	B231SE	Auto	Threaded	13.81	12

Notes:

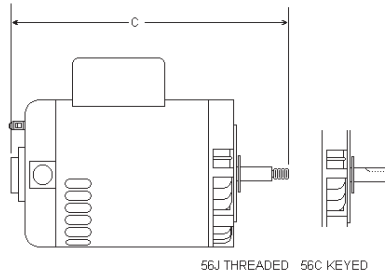
- 12. 303 Stainless steel shaft
- 31. 40 degree C ambient
- 34. Rigid base
- 63. Speck Pump replacement motor
- 236. CCW Rotation facing opposite shaft end

★ Meets California Energy Commission Appliance Regulations 2008
(Publication Number CEC-400-2006-002-REV1)
www.energy.ca.gov

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Century® C-Face Pool and Spa Pump Motors

Permanent Split Capacitor – Switchless – Single Phase – Dripproof No Base – 3600 3600/1800 RPM 1/2 thru 3 HP

Features:

- Ball Bearings
- Class B Insulation
- 304 Bearing Shaft End
- 60 Hz
- Rotation: CCW Pump End
- Energy Efficient \$



B638

E-Plus® Energy Efficient “1081” • Centurion® Motor • Full Rate • Aluminum NEMA “C” Brackets • 50°C Ambient

HP	RPM	Volts	Service Factor Amps	Service Factor	THP	Frame	Stock Number	Overload Protector	Shaft	“C” Dimension	Notes
1/2	3450	208-230/115	4.0-3.7/7.4	1.60	0.80	56J	B657 ★	Auto	Threaded	11.95	12,\$
3/4	3450	208-230/115	5.4-5.0/10.0	1.50	1.13	56J	B638	Auto	Threaded	12.69	12,\$
1	3450	208-230/115	6.4-5.9/11.8	1.40	1.40	56C	B653	Auto	Keyed	12.55	\$
		208-230/115	6.4-5.9/11.8	1.40	1.40	56J	B654	Auto	Threaded	13.19	12,\$
1-1/2	3450	208-230/115	8.7-7.8/15.6	1.30	1.95	56C	B795	Auto	Keyed	13.19	\$
		208-230/115	8.7-7.8/15.6	1.30	1.95	56J	B796	Auto	Threaded	13.55	12,\$
2	3450	208-230	10.4-9.6	1.20	2.40	56C	B808	Auto	Keyed	13.65	\$
		208-230	10.4-9.6	1.20	2.40	56J	B809	Auto	Threaded	14.15	12,\$
3	3450	208-230	15.0-13.6	1.15	3.45	56C	B817	Auto	Keyed	13.65	\$
		208-230	15.0-13.6	1.15	3.45	56J	B818	Auto	Threaded	14.15	12,\$

Notes:

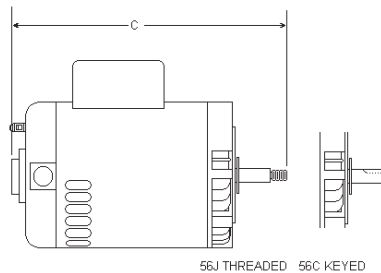
\$ Energy efficient
12. 303 Stainless steel shaft

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Century® C-Face Pool and Spa Pump Motors

Permanent Split Capacitor – Switchless – Single Phase – Dripproof No Base – 3600 3600/1800 RPM 1/2 thru 3 HP

Features:

- Ball Bearings
- Class B Insulation
- 304 Bearing Shaft End
- 60 Hz
- Rotation: CCW Pump End
- Energy Efficient \$



B971

Two Speed “1081” • Full Rate • High Service Factor • 40°C Ambient

HP	RPM	Volts	Service Factor Amps	Service Factor	THP	Frame	Stock Number	Overload Protector	Shaft	“C” Dimension	Notes
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High Speed Switchless, Low Speed Microswitch • Aluminum “C” Bracket • Hi-Lo Toggle Switch available (P/N 17590450)

1/2~.06	3450/1725	115	8.8/3.55	1.60	0.8	56C	B970 ★	Auto	Keyed	11.80	\$
1/2~.06	3450/1725	115	8.8/3.55	1.60	0.8	56J	B971 ★	Auto	Threaded	12.30	12,\$
3/4~.10	3450/1725	115	11.2/5.0	1.50	1.13	56C	B972 ★	Auto	Keyed	11.80	\$
3/4~.10	3450/1725	115	11.2/5.0	1.50	1.13	56J	B973 ★	Auto	Threaded	12.30	1,12,\$
3/4~.10	3450/1725	115	12.2/2.2	1.50	1.13	56J	B2973 ★	Auto	Threaded	12.30	12,\$
1~.12	3450/1725	230	6.3/2.3	1.40	1.40	56C	B974 ★	Auto	Keyed	12.05	\$
1~.12	3450/1725	230	6.6/1.5	1.25	1.25	56J	B2975 ★	Auto	Threaded	13.05	12,\$
1-1/2~.20	3450/1725	230	8.9/3.1	1.30	1.95	56C	B976 ★	Auto	Keyed	12.54	\$
1-1/2~.20	3450/1725	230	8.9/3.1	1.30	1.95	56J	B977 ★	Auto	Threaded	13.05	12,\$
1-1/2~.20	3450/1725	115	14.6/4.4	1.10	1.65	56J	B969 ★	Auto	Threaded	13.54	12,63,90,\$
2~.25	3450/1725	230	10.6/3.2	1.20	2.4	56C	B978 ★	Auto	Keyed	13.04	\$
2~.25	3450/1725	230	11.0/1.6	1.20	2.4	56J	B2979 ★	Auto	Threaded	13.55	12,\$
3~.38	3450/1725	230	13.8/4.0	1.15	3.45	56J	B966 ★	Auto	Threaded	14.29	12,\$

Notes:

\$ Energy efficient

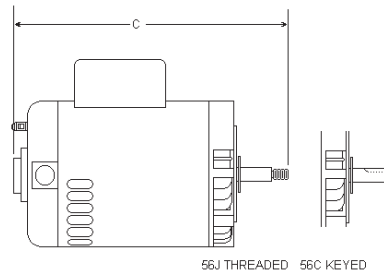
1. Item to be discontinued when stock is depleted
12. 303 Stainless steel shaft
63. Speck Pump replacement motor
90. 50 degree C ambient

★ Meets California Energy Commission Appliance Regulations 2008 (Publication Number CEC-400-2006-002-REV1)
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Two Compartment Square Flange Pool Filter Motors Single Speed & Energy Efficient

Used on many Sta-Rite, Red Jacket, Pac Fab and American Products.

Features:

- Auto Protector
- Class B Insulation
- Rotation: CCW Pump End
- Sealed Ball Bearings
- 60 Hz
- Capacitor Start
- Open Dripproof
- 303 Stainless Steel Threaded Shaft
- 50°C Ambient
- UL1081



SQ1032



SQ1152

HIGH SERVICE FACTOR (FULL RATED)

HP	RPM	Volts	Max. Amps	Service Factor	THP	Frame	Stock Number	Approx. "AG"	Notes
1/3	3450	115/230	9.9/5.0	1.95	0.64	48Y	SQ1032	11-1/8	
1/2	3450	115/230	13.4/6.7	1.9	0.95	48Y	SQ1052	11-1/2	
1/2	3450	115/230	9.6/4.8	1.9	0.95	48Y	QC1052 ★	10-7/8	20,\$
3/4	3450	115/230	15.3/7.6	1.65	1.24	48Y	SQ1072	12-1/8	
3/4	3450	115/230	12.6/6.3	1.65	1.24	48Y	QC1072	11-1/4	20,\$
1	3450	115/230	19.2/9.6	1.65	1.65	48Y	SQ1102	13-1/8	
1	3450	115/208-230	16.0/8.0	1.65	1.65	48Y	QC1102	11-7/8	20,\$
1-1/2	3450	230	10.4	1.47	2.21	48Y	SQ1152	13-1/4	20,\$
2	3450	230	11.2	1.3	2.6	48Y	SQ1202	13-7/8	20,\$
3	3450	230	15.4	1.15	3.45	56Y	SQ1302V1	14	20,\$

LOW SERVICE FACTOR (UP-RATED)

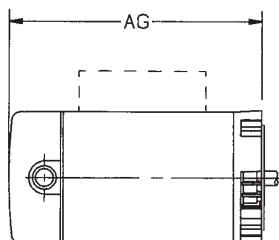
HP	RPM	Volts	Max. Amps	Service Factor	THP	Frame	Stock Number	Approx. "AG"	Notes
1/2	3450	115/230	9.9/5.0	1.3	0.65	48Y	USQ1052	11-1/8	
3/4	3450	115/230	13.4/6.7	1.27	0.95	48Y	USQ1072	11-1/2	
3/4	3450	115/230	9.6/4.8	1.27	0.95	48Y	UQC1072 ★	10-7/8	20,\$
1	3450	115/230	15.3/7.6	1.25	1.25	48Y	USQ1102	12-1/8	
1	3450	115/230	12.6/6.3	1.25	1.25	48Y	UQC1102	11-1/4	20,\$
1-1/2	3450	115/230	19.2/9.6	1.1	1.65	48Y	USQ1152	13-1/8	
1-1/2	3450	115/230	16.0/8.0	1.1	1.65	48Y	UQC1152	13-1/4	20,\$
2	3450	230	10.4	1.1	2.1	48Y	USQ1202	13-1/4	20,\$
2-1/2	3450	230	11.2	1.0	2.5	48Y	USQ1252	13-7/8	20,\$

Notes:

§ Energy efficient

20. \$ Energy Efficient capacitor start, capacitor run "Conservationist" motor
See page 247 for mounting dimensions.

★ Meets California Energy Commission Appliance Regulations 2008
(Publication Number CEC-400-2006-002-REV1)
www.energy.ca.gov



Important:

1. Total output (HP x service factor) of replacement motor must equal or exceed motor being replaced.
2. The pool motors on this page are **NOT equipped with a Safety Vacuum Release System (SVRS)**. SVRS helps prevent drowning due to body entrapment on underwater drains. In some pool configurations, if a person's body covers the drain, the person can be trapped by suction. The SVRS turns off the pump if this occurs.

⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.

Two Compartment Square Flange Pool Motors • Two Speed

Used on many Sta-Rite, Red Jacket, and Sears Jet and Pool Pumps.

Features:

- All Copper Windings
- Open Dripproof
- Class B Insulation
- UL1081
- 303 Stainless Steel Threaded Shaft
- Energy Efficient Capacitor Start Low Speed, PSC High Speed
- Auto Protector - Single Phase
- Rotation: CCW Pump End
- 50°C Ambient
- 60 Hz



SQS1152R

Two-speed motors are shipped less hi/lo switch for remote operation.
End cover and switch assembly kit number 615332 available and sold separately.

HIGH SERVICE FACTOR (FULL RATED)

HP	RPM	Volts	Amps Hi - Lo	Service Factor	THP	Frame	Stock Number	Approx. "AG"	Notes
3/4~1/8	3450/1725	115	13.0/4.2	1.65	1.24	48Y	SQL1072R ★	12-5/8	\$
3/4~1/8	3450/1725	230	6.1/2.1	1.60	1.20	48Y	SQS1072R ★	12-5/8	\$
1~1/6	3450/1725	230	7.7/2.8	1.65	1.65	48Y	SQS1102R ★	13-13/16	\$
1-1/2~1/4	3450/1725	230	10.0/3.0	1.47	2.21	48Y	SQS1152R ★	13-9/16	\$
2~1/3	3450/1725	230	11.3/3.3	1.3	2.6	48Y	SQS1202R ★	13-13/16	\$

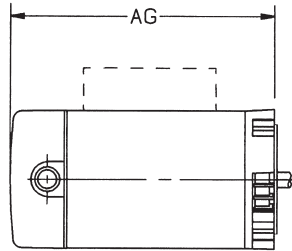
LOW SERVICE FACTOR (UP-RATED)

HP	RPM	Volts	Amps Hi - Lo	Service Factor	THP	Frame	Stock Number	Approx. "AG"	Notes
1~1/6	3450/1725	230	6.1/2.1	1.25	1.25	48Y	UQS1102R ★	12-5/8	\$
1-1/2~1/4	3450/1725	230	7.7/2.8	1.1	1.65	48Y	UQS1152R ★	13-13/16	\$
2~1/3	3450/1725	230	10.0/3.0	1.1	2.2	48Y	UQS1202R ★	13-9/16	\$

Notes:

§ Energy efficient
See page 247 for mounting dimensions.

★ Meets California Energy Commission Appliance Regulations 2008
(Publication Number CEC-400-2006-002-REV1)
www.energy.ca.gov



Important:

- Total output (HP x service factor) of replacement motor must equal or exceed motor being replaced.
- The pool motors on this page are **NOT equipped with a Safety Vacuum Release System (SVRS)**. SVRS helps prevent drowning due to body entrapment on underwater drains. In some pool configurations, if a person's body covers the drain, the person can be trapped by suction. The SVRS turns off the pump if this occurs.

⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.

Century® Pool and Spa Pump Motors Square Flange

Permanent Split Capacitor – Switchless – Single Phase – Dripproof No Base – 3600 and 3600/1800 RPM 1/2 thru 3 HP

Features:

- Ball Bearings
- 50°C Ambient
- Rotation: CCW Pump End
- \$ Energy Efficient
- 60 Hz
- Class B Insulation
- Stainless Steel Shafts



B2661



B845

HP	RPM	Volts	Service Factor Amps	Service Factor	THP	Frame	Stock Number	Shaft	Overload Protector	"C" Dim.	Notes
Centurion® "1081" • Full Rate • High Service Factor											
1/2	3450	230/115	5.4/10.8	1.95	0.98	56Y	B2846 ★	Threaded	Auto	12.4	
3/4	3450	230/115	7.1/14.2	1.65	1.24	56Y	B2847	Threaded	Auto	12.4	
1	3450	230/115	8.0/16.0	1.65	1.65	56Y	B2848	Threaded	Auto	12.8	
1-1/2	3450	230/115	10.5/21.0	1.50	2.25	56Y	B2858	Threaded	Auto	14.4	
1-1/2	3450	230	10.0	1.50	2.25	56Y	B849	Threaded	Auto	13.4	
2	3450	230	11.5	1.30	2.6	56Y	B2748	Threaded	Auto	13.4	
Centurion® "1081" • Up-Rate • Low Service Factor											
3/4	3450	230/115	5.4/10.8	1.25	0.94	56Y	B2852 ★	Threaded	Auto	12.4	
1	3450	230/115	7.1/14.2	1.25	1.25	56Y	B2853	Threaded	Auto	12.4	
1-1/2	3450	230/115	8.0/16.0	1.10	1.65	56Y	B2854	Threaded	Auto	12.8	
2	3450	230/115	11.2/22.4	1.10	2.2	56Y	B2859	Threaded	Auto	14.4	
2	3450	230	10.0	1.10	2.2	56Y	B855	Threaded	Auto	13.4	
2-1/2	3450	230	11.5	1.04	2.6	56Y	B2840	Threaded	Auto	13.4	
E-Plus® Energy Efficient "1081" • New Centurion • Full Rate											
1/2	3450	208-230/115	4.5-4.4/8.8	1.90	0.95	56Y	B845 ★	Threaded	Auto	12.4	\$
3/4	3450	115/208-230	6.0-5.6/11.2	1.67	1.25	56Y	B2661	Threaded	Auto	13.1	
1	3450	115/208-230	7.8-7.4/14.8	1.65	1.65	56Y	B2841	Threaded	Auto	13.4	1
1	3450	115/208-230	7.8-7.4/14.8	1.65	1.65	56Y	B2841V1	Threaded	Auto	13.4	
1-1/2	3450	208-230	9.6-8.8	1.47	2.21	56Y	B2842	Threaded	Auto	13.9	
2	3450	208-230	11.0-10.2	1.30	2.6	56Y	B2843	Threaded	Auto	14.4	
3	3450	208-230	15.0-13.6	1.15	3.45	56Y	B2844	Threaded	Auto	14.4	

Notes:

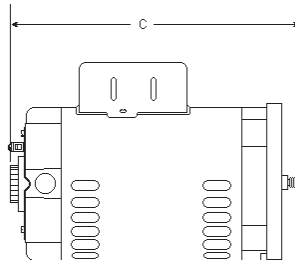
1. Item to be discontinued when stock is depleted

\$ Energy efficient

★ Meets California Energy Commission Appliance Regulations 2008

(Publication Number CEC-400-2006-002-REV1)

www.energy.ca.gov



Important:

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⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.

Century® Pool and Spa Pump Motors Square Flange

New from Century® - High Efficiency two-speed motors.

New Centurion High Efficiency two-speed motors have PSC (Permanent Split Capacitor) high speeds and capacitor start/capacitor run low speeds.

New Centurion High Efficiency Two-Speed Pool and Spa Motors

Features:

- Ball Bearing
- Class B Insulation
- 50°C Ambient
- \$ High Efficient High and Low Speed
- Open Dripproof
- Permanent Split Capacitor
- Rotation: CCW Pump End
- Single Phase
- 303 Stainless Steel Shafts



B2980

TWO-SPEED - "1081" - PSC ENERGY EFFICIENT HIGH SPEED - CAP. START/CAP. RUN LOW SPEED - SQUARE FLANGE - FULL RATE

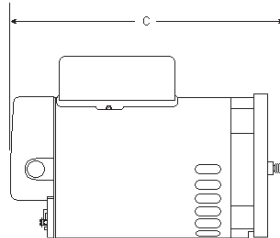
HP	RPM	Volts	Service Factor	Amps	Service Factor	THP	Frame	Stock Number	Shaft	Overload Protector	Length Includ. Shaft	Notes
3/4~.10	3450/1725	230	6.0/1.0	1.67	1.25	56Y	B2980	★	Threaded	Auto	13.1	\$
3/4~.10	3450/1725	115	12.4/2.2	1.67	1.25	56Y	B2981	★	Threaded	Auto	13.1	\$
1~.13	3450/1725	230	7.4/1.4	1.65	1.65	56Y	B2982	★	Threaded	Auto	13.4	\$
1-1/2~.19	3450/1725	230	10.0/1.6	1.47	2.21	56Y	B2983	★	Threaded	Auto	13.9	\$
2~.25	3450/1725	230	11.0/1.8	1.30	2.60	56Y	B2984	★	Threaded	Auto	14.4	\$
2~.33	3450/1725	230	10.0/3.5	1.10	2.20	56Y	B985	★	Threaded	Auto	14.4	107,\$
3.0~.38	3450/1725	230	15.0/2.6	1.15	3.45	56Y	B2987	★	Threaded	Auto	14.38	\$

Notes:

\$ Energy efficient

107. Uprated - low service factor

★ Meets California Energy Commission Appliance Regulations 2008 (Publication Number CEC-400-2006-002-REV1) www.energy.ca.gov



Important:

1. Total output (HP x service factor) of replacement motor must equal or exceed motor being replaced.
2. The pool motors on this page are **NOT equipped with a Safety Vacuum Release System (SVRS)**. SVRS helps prevent drowning due to body entrapment on underwater drains. In some pool configurations, if a person's body covers the drain, the person can be trapped by suction. The SVRS turns off the pump if this occurs.

⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.

Above Ground Swimming Pool & Spa Pump Motors

Jetted Tub/Spa/Above Ground Swimming Pool Pump Motors – Split Phase, Capacitor Start & PSC Single-phase – Drip-proof – Ball Bearing – Rigid Base & No Base – 3450 and 3450/1725 RPM – 1/2 thru 4 HP SP

Features:

- 12 & 3 O'clock Conduit Entries
- 40°C Ambient
- Class B Insulation
- Rotation: CCW Pump End
- Through Bolt Mount
- 48/56 Base Mounting
- 3-1/2" Shaft Height
- Four Thru Bolts on a 5.146 Bolt Circle



BN35SS

Applications: Spa, above ground swimming pool and jetted tub pumps.

Optional Flex-48 Accessories: Airswitch (#17800901), Single-speed Toggle Switch Assy. - On/Off (#18374501), Day/Night Controller (#18602400), Two-speed Toggle Switch Assy. - Lo/Off/Hi (#18313301)

Century Flex-48 W/Stainless Steel Shaft & Ball Bearings • “1081” • “1795” • “1563” • Rigid Base

HP	RPM	Volts	Hz	Full Load Amps	Service Factor	THP	Frame	Stock Number	Shaft	Overload Protector	“C” Dim.	Notes
1/2	3450	115	60	7.2	1.0	0.5	48Y	BN23V1	Threaded	Auto	11.08	
3/4	3450	115	60	9.8	1.0	0.75	48Y	BN24V1	Threaded	Auto	11.08	90
1	3450	115	60	12.0	1.0	1.0	48Y	BN25V1	Threaded	Auto	11.58	
1-1/2	3450	230/115	60	8.0/16.0	1.0	1.5	48Y	BN35SS	Threaded	Auto	12.08	1,45
1-1/2	3450	230/115	60	8.0/16.0	1.0	1.5	48Y	BN35V1	Threaded	Auto	12.08	45
1-1/2	3450	115	60	17.0	1.0	1.5	48Y	BV35V1	Threaded	Auto	12.08	
2	3450	230/115	60	10.0/20.0	1.0	2.0	48Y	BN40SS	Threaded	Auto	13.33	45

Century Flex 48 LASAR® Line (Low Amp Start and Run) • Two-speed • “1081” • “1563” • Rigid Base

3/4~.10	3450/1725	115	60	8.8/2.6	1.0	0.75	48Y	BN36	Threaded	Auto	12.08	
1~.12	3450/1725	115	60	11.0/2.9	1.0	1.0	48Y	BN37V1	Threaded	Auto	12.08	45
1-1/2~.25	3450/1725	115	60	16.4/4.4	1.0	1.5	48Y	BN50V1	Threaded	Auto	12.83	45
1-1/2~.18	3450/1725	230	60	6.5/2.5	1.0	1.5	48Y	BN34V1	Threaded	Auto	12.83	45
2~.25	3450/1725	230	60	10.5/2.6	1.0	2.0	48Y	BN51	Threaded	Auto	13.33	45

Century Flex 48 LASAR-XL • Extra Low Running Amps • Two-speed • Rigid Base

2~.25	3450/1725	230	60	8.5/2.8	1.0	2.0	48Y	BN61 ★	Threaded	Auto	13.33	68,145,\$
3~.38	3450/1725	230	60	12.0/3.5	1.0	3.0	48Y	BN62 ★	Threaded	Auto	14.33	68,90,145,\$
4.0~.42 SPL	3450/1725	208-230	60	12.0/3.5	1.0	4.0	48Y	BN63 ★	Threaded	Auto	14.33	68,90,145,\$

Notes:

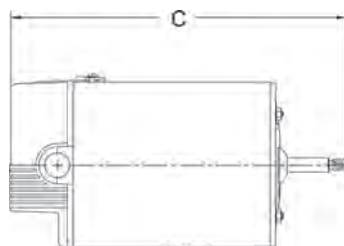
- Energy efficient
- 1. Item to be discontinued when stock is depleted
- 45. Capacitor start
- 68. PSC Motor
- 90. 50°C Ambient
- 145. Run capacitor mounted on motor shell

★ Meets California Energy Commission Appliance Regulations 2008 (Publication Number CEC-400-2006-002-REV1) www.energy.ca.gov

Important:

The pool motors on this page are **NOT** equipped with a **Safety Vacuum Release System (SVRS)**. SVRS helps prevent drowning due to body entrapment on underwater drains. In some pool configurations, if a person's body covers the drain, the person can be trapped by suction. The SVRS turns off the pump if this occurs.

⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.



Century® 56-Frame Two-Speed Replacement Spa Motors

Dripproof - 60 HZ - Single Phase - Rigid Base - 6-1/2" Diameter - 3-1/2" Shaft Height

Features:

- PSC on High Speed
- E-Plus New Centurion Design
- Cap Start/Cap Run on Low Speed
- 50°C Ambient
- 3/8-16 UNC-2A Threads Includes Slinger
- Four Thru Bolts on a 5.812 Bolt Circle



B236

Status	HP-SPL*	RPM	Volts	Amps (A)**	Frame	Stock Number	Insul. Class	"C" Dim.	Replaces Waterway #	Replaces OEM #	Replaces Stock #	Notes
NEW!	1.0 ~ .13 SPL	3450/1725	230	6.0/1.2 (A)	56Y	B2232★	F	11.99	3720621	187692	B232	108
NEW!	2.0 ~ .25 SPL	3450/1725	230	7.4/1.4 (A)	56Y	B2233★	F	12.24	3721021	187693	B233	108
	2.5 ~ .31 SPL	3450/1725	230	11.6/3.0 (A)	56Y	B2242★	F	13.24	-	-	-	108
NEW!	3.0 ~ .38 SPL	3450/1725	230	10.0/1.8 (A)	56Y	B2234★	F	12.74	3721421	187694	B234	108
NEW!	4.0 ~ .50 SPL	3450/1725	230	12.0/3.0	56Y	B2235★	F	13.49	3721621	187563	B235	108
	5.0 ~ .63 SPL	3450/1725	230	16.4/4.8	56Y	B236★	F	13.37	3722021	187098	-	108
	4.0 SPL	3450	230	12.0	56Y	B237	B	12.62	3711821	187624	-	-
	5.0 SPL	3450	230	16.4	56Y	B238	B	13.37	3712021	187970	-	-

Notes:

*HP-SPL means Horsepower – Special The reference chart provided below 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 E-Plus New Centurion design (e.g. B2233) and the slightly less efficient discontinued Centurion design (e.g. B233) 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

★ Meets California Energy Commission Appliance Regulations 2008 Publication Number CEC-400-2006-002-REV1 www.energy.ca.gov

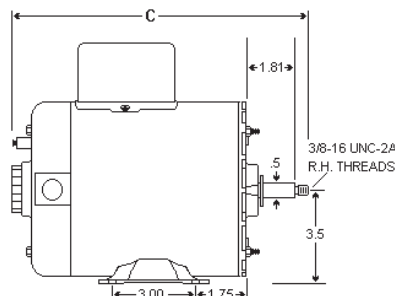
STOCK No.	B2232	B2233	B2234	B2235	B236	B237	B238
HP-SPL	1.0 ~ .13 _{SPL}	2.0 ~ .25 _{SPL}	3.0 ~ .38 _{SPL}	4.0 ~ .50 _{SPL}	5.0 ~ .63 _{SPL}	4.0 _{SPL}	5.0 _{SPL}
HP (at 1.0 S.F.)	1.0 / .12	1.5 / .19	2.0 / .25	3.0 / .38	4.0 / .50	3.0	4.0
HP Amps (at 1.0 S.F.)	4.8 / .8	6.4 / 1.2	8.8 / 1.6	12.0 / 3.0	16.4 / 4.8	12.0	16.4

Discontinued Centurion Stock Number Reference

Disc. Stock Number	HP-SPL*	RPM	Volts	Amps (A)**	Replaces Waterway#
B232	1.0 ~ .18 SPL	3450/1725	230	6.4/2.6 (A)	3720621
B233	2.0 ~ .25 SPL	3450/1725	230	8.0/3.0 (A)	3721021
B234	3.0 ~ .30 SPL	3450/1725	230	10.0/3.5 (A)	3721421
B235	4.0 ~ .50 SPL	3450/1725	230	12.0/4.4	3721621

Important:

1. Total output (HP x service factor) of replacement motor must equal or exceed motor being replaced.
2. The pool motors on this page are **NOT equipped with a Safety Vacuum Release System (SVRS)**. SVRS helps prevent drowning due to body entrapment on underwater drains. In some pool configurations, if a person's body covers the drain, the person can be trapped by suction. The SVRS turns off the pump if this occurs.
⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.



Sta-Rite Direct Replacement Spa Motors

Features:

- Open Construction
- Threaded Shaft
- 1.0 Service Factor
- Rotation: CCW Pump End
- Rigid Base
- Through Bolt Mount
- \$ Energy Efficient
- 2-Speed (Capacitor Start Low Speed, PSC High Speed)
- Sealed Ball Bearings
- 50°C Ambient
- Auto Protector



Four Thru Bolts on a 5.146 Bolt Circle Replacement Motor for Dimension One, Hydroquip, GPM Industries, Hawkeye, Marquis and Master Spas

HP	RPM	Volts	Amps	Service Factor	THP	Frame	Stock Number	Insulation Class	Approx. "AG"	Dim. "BX"	Notes
1.0-.12	3450/1725	115	10.4/3.6	1.0	1.0	56Z	SDS1102 ★	B	10.30	8.85	\$
1.5-.19	3450/1725	230	7.2/2.4	1.0	1.5	56Z	SDS1152 ★	F	10.79	9.34	\$
2.0-.25	3450/1725	230	8.5/3.0	1.0	2.0	56Z	SDS1202 ★	F	11.42	9.98	\$
2.5-.25	3450/1725	230	10.7/3.0	1.0	2.5	56Z	SDS1252 ★	F	10.67	9.23	\$
3.0-.38	3450/1725	230	12.0/3.7	1.0	3.0	56Z	SDS1302 ★	F	10.92	9.48	\$

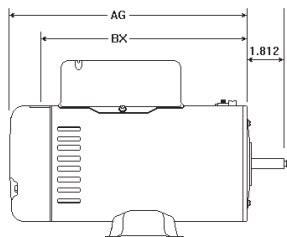
Note:

\$ Energy efficient

When crossing to an original equipment Century Motor, use the Quick Cross Reference table. Find the amps and model number of the OEM motor on the motor nameplate. Find the equivalent amps and model number on the Quick Cross Reference table below. The replacement is the stock number listed in the "Use" column. The horsepower and service factor may not be the same, but the motors are the same.

QUICK CROSS REFERENCE BY AMPS AND MOTOR MODEL NUMBER		
Name Plate Amps	Name Plate Model No.	Use Stock No.
10.4/3.6	K48L2A1	SDS1102
7.2/2.4	K48M2A4	SDS1152
8.5/3.0	K48N2A5	SDS1202
10.7/3.0	K48N2A4C2	SDS1252
12.0/3.7	K48P2A1	SDS1302

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⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.

Above Ground Swimming Pool & Spa Pump Motors

Jetted Tub/Spa/Above Ground Swimming Pool Pump Motors – Split Phase, Capacitor Start & PSC Single-phase – Drip-proof – Ball Bearing – Rigid Base & No Base – 3450 and 3450/1725 RPM – 1/2 thru 4 HP SP



Hoffinger Replacement (Doughboy/Lomart) • No Base

HP	RPM	Volts	Hz	Full Load Amps	Service Factor	THP	Frame	Stock Number	Shaft	Overload Protector	“C” Dim.	Notes
1	3450	115	60	10.0	1.0	1.0	48Y	BV90	Threaded	Auto	10.45	
1	3450	115	60	9.0	1.0	1.0	48Y	BV91	Threaded	Auto	10.22	285

Notes:

285. 3/8-16, Left hand threads, CWPE rotation

★ Meets California Energy Commission Appliance Regulations 2008 (Publication Number CEC-400-2006-002-REV1) www.energy.ca.gov

Century® Pool Cleaner Replacement Pump Motors

Permanent Split Capacitor – Switchless – Single Phase – Drip-proof No Base & Rigid Base – 3600 RPM

Features:

- Ball Bearings
- CW Non-Reversible
- Aluminum Adapter Bracket
- 40°C Ambient
- 303 Stainless Steel Shaft
- 60 Hz
- Class B Insulation
- “1081” Features



B662 & B663

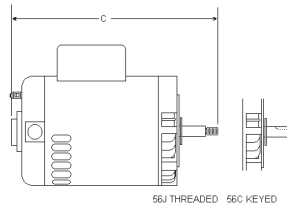
Applications: Replacement motor for Arneson “Pool Sweep,” Polaris “Vac-Sweep” and Letro “Jet Vac” brand pool cleaners.

HP	RPM	Volts	Service Factor	Service Amps	THP	Frame	Stock Number	Shaft	Base	Mount	Overload Protector	“C” Dim.	Brand	Notes
3/4	3450	230/115	6.4/12.8	1.50	1.13	56CZ	B625	Threaded	None	Horizontal	Auto	14.03	Polaris	222
3/4	3450	230/115	6.0/12.0	1.50	1.13	56Y	B662	Threaded	Rigid	Horizontal	Auto	11.74	Arneson	12
3/4	3450	230/115	6.0/12.0	1.50	1.13	56Y	B663	Threaded	None	Vertical	Auto	10.89	Arneson	12
3/4	3450	230/115	6.0/12.0	1.50	1.13	56Y	B667	Threaded	Rigid	Horizontal	Auto	12.97	Letro	12,247
3/4	3450	230/115	6.5/13.0	1.50	1.13	56CZ	B668	Threaded	None	Horizontal	Auto	13.87	Letro	246

Notes:

- 12. 303 Stainless steel shaft
- 222. Does not have Aluminum Adapter Bracket
- 246. B668 fits pump #LA01N manufactured March 1997 to present
- 247. B667 fits pump #LA01 manufactured March 1997 and prior

Pool Cleaner (Booster Pump) motors are not included in the California Energy Commission Appliance Regulations 2006 (Publication Number CEC 400-2006-002 REV 1)



Important:

1. Total output (HP x service factor) of replacement motor must equal or exceed motor being replaced.
2. The pool motors on this page are **NOT equipped with a Safety Vacuum Release System (SVRS)**. SVRS helps prevent drowning due to body entrapment on underwater drains. In some pool configurations, if a person's body covers the drain, the person can be trapped by suction. The SVRS turns off the pump if this occurs.

⚠ WARNING Depending on your pool configuration, a SVRS may be required to meet local, state, and federal requirements.