

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
1.5	3450	230/115	9.2/18.4	1.30	1.95	56C	B123	Auto	Keyed	13.19	
1.5	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
1.5	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
2.5	3450	230	10.5	1.00	2.5	56J	B231SE	Auto	Threaded	13.81	12

Notes:

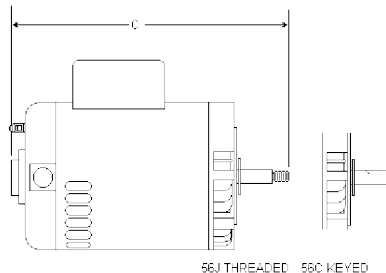
- 12. 303 Stainless steel shaft
- 31. 40 degree C ambient
- 34. Rigid base
- 63. Speck Pump replacement motor
- 236. CCW Rotation facing opposite shaft end

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

Important:

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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 – 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	\$
1	3450	208-230/115	6.4-5.9/11.8	1.40	1.40	56J	B654	Auto	Threaded	13.19	12,\$
1.5	3450	208-230/115	8.7-7.8/15.6	1.30	1.95	56C	B795	Auto	Keyed	13.19	\$
1.5	3450	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	\$
2	3450	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	\$
3	3450	208-230	15.0-13.6	1.15	3.45	56J	B818	Auto	Threaded	14.15	12,\$

Notes:

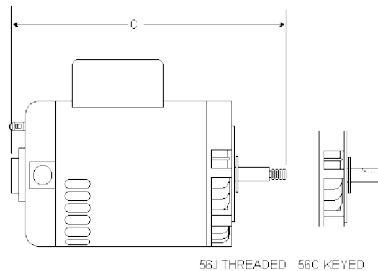
\$ Energy efficient
12. 303 Stainless steel shaft

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56J THREADED 56C KEYED

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)
Use toggle switch #2512558-001 for B2973, B2975, B2977, and B2979 only.

0.5 / .06	3450/1725	115	8.8/3.55	1.60	0.8	56C	B970 ★	Auto	Keyed	11.80	\$
0.5 / .06	3450/1725	115	8.8/3.55	1.60	0.8	56J	B971 ★	Auto	Threaded	12.30	12,\$
.75 / .10	3450/1725	115	11.2/5.0	1.50	1.13	56C	B972 ★	Auto	Keyed	11.80	\$
.75 / .10	3450/1725	115	12.2/2.2	1.50	1.13	56J	B2973 ★	Auto	Threaded	12.30	12,\$
1.0 / .12	3450/1725	230	6.3/2.3	1.40	1.40	56C	B974 ★	Auto	Keyed	12.05	\$
1.0 / .12	3450/1725	230	6.6/1.5	1.25	1.25	56J	B2975 ★	Auto	Threaded	13.05	12,\$
1.5 / .20	3450/1725	230	8.9/3.1	1.30	1.95	56C	B976 ★	Auto	Keyed	12.54	\$
1.5 / .20	3450/1725	230	8.9/3.1	1.30	1.95	56J	B2977 ★	Auto	Threaded	13.05	12,\$
1.5 / .20	3450/1725	115	14.6/4.4	1.10	1.65	56J	B969 ★	Auto	Threaded	13.54	12,63,90,\$
2.0 / .25	3450/1725	230	10.6/3.2	1.20	2.4	56C	B978 ★	Auto	Keyed	13.04	\$
2.0 / .25	3450/1725	230	11.0/1.6	1.20	2.4	56J	B2979 ★	Auto	Threaded	13.55	12,\$
3.0 / .38	3450/1725	230	13.8/4.0	1.15	3.45	56J	B966 ★	Auto	Threaded	14.29	12,\$

Notes:

\$ Energy efficient

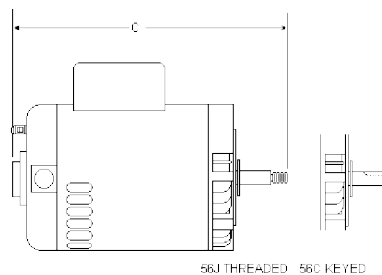
1. Item to be discontinued when stock is depleted
12. 303 Stainless steel shaft
63. Speck Pump replacement motor
90. 50 degree C ambient

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



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,\$
1.5	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,\$
1.5	3450	115/230	19.2/9.6	1.1	1.65	48Y	USQ1152	13-1/8	
1.5	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,\$
2.5	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

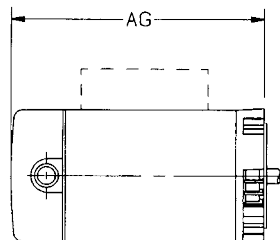
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Two Compartment Square Flange Pool Motors • Two Speed

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
.75 / .13	3450/1725	115	13.0/4.2	1.65	1.24	48Y	SQL1072R ★	12-5/8	\$
.75 / .13	3450/1725	230	6.1/2.1	1.65	1.20	48Y	SQS1072R ★	12-5/8	\$
1.0 / .17	3450/1725	230	7.7/2.8	1.65	1.65	48Y	SQS1102R ★	13-13/16	\$
1.5 / .25	3450/1725	230	10.0/3.0	1.47	2.21	48Y	SQS1152R ★	13-9/16	\$
2.0 / .33	3450/1725	230	11.3/3.3	1.3	2.6	48Y	SQS1202R ★	13-13/16	\$

Notes:

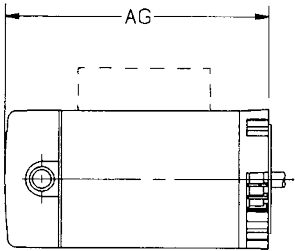
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Century® Pool and Spa Pump Motors Square Flange

**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	
1.5	3450	230/115	10.5/21.0	1.50	2.25	56Y	B2858	Threaded	Auto	14.4	
1.5	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	
1.5	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	
2.5	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	208-230/115	6.0-5.6/11.2	1.67	1.25	56Y	B2661	Threaded	Auto	13.1	
1	3450	208-230/115	7.8-7.4/14.8	1.65	1.65	56Y	B2841V1	Threaded	Auto	13.4	
1.5	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:

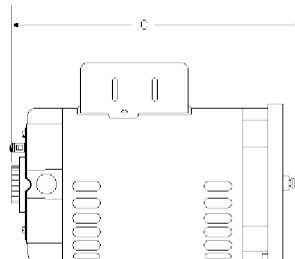
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Century® Pool and Spa Pump Motors Square Flange

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

Toggle Switch Kit #2512558-001 sold separately. Use alternate Toggle Switch Kit # 17590450 on B985 only.

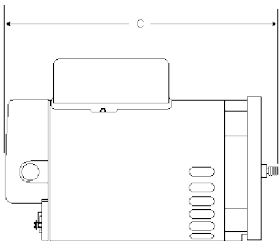
TWO-SPEED - “1081” - PSC ENERGY EFFICIENT HIGH SPEED - CAP. START/CAP. RUN LOW SPEED - SQUARE FLANGE - FULL RATE

HP	RPM	Volts	Service Factor	Amps	Service Factor	THP	Frame	Stock Number	Shaft	Overload Protector	“C” Dim	Notes
.75 / .10	3450/1725	230	6.0/1.0	1.67	1.25	56Y	B2980 ★	Threaded	Auto	13.1	\$	
.75 / .10	3450/1725	115	12.4/2.2	1.67	1.25	56Y	B2981 ★	Threaded	Auto	13.1	\$	
1.0 / .13	3450/1725	230	7.4/1.4	1.65	1.65	56Y	B2982 ★	Threaded	Auto	13.4	\$	
1.5 / .19	3450/1725	230	10.0/1.6	1.47	2.21	56Y	B2983 ★	Threaded	Auto	13.9	\$	
2.0 / .25	3450/1725	230	11.0/1.8	1.30	2.60	56Y	B2984 ★	Threaded	Auto	14.4	\$	
2.0 / .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

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