



Formerly A. O. Smith Electrical Products Company

Eco-Friendly Electric® Motors
for Pool & Spa Pump Applications
2800A



A Regal Brand

REGAL

In Ground Single-Speed



Stock Number	Horsepower	Service Factor	Total HP	Volts	Frame & Flange
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CONSERVATIONIST™ ENERGY EFFICIENT

CK1052	1/2	1.6	0.80	115/230	56C, C-Face
CT1052	1/2	1.6	0.80	115/230	56C, C-Face
CK1072	3/4	1.5	1.13	115/230	56C, C-Face
CT1072	3/4	1.5	1.13	115/230	56C, C-Face
CK1102	1	1.4	1.40	115/230	56C, C-Face
CT1102	1	1.4	1.40	115/230	56J, C-Face
SK1152	1 1/2	1.3	1.95	115/230	56C, C-Face
ST1152	1 1/2	1.58	2.25	115/208-230	56J, C-Face
SK1202	2	1.3	2.60	230	56C, C-Face
ST1202	2	1.3	2.60	208-230	56J, C-Face
SK1302V1	3	1.15	3.45	230	56C, C-Face
ST1302V1	3	1.15	3.45	208-230	56J, C-Face
UCT1072	3/4	1	0.75	115/230	56J, C-Face
UCT1102	1	1	1.00	115/230	56J, C-Face
UCT1152	1 1/2	1	1.50	115/230	56J, C-Face
UST1202	2	1.1	2.20	115/208-230	56J, C-Face
UST1252	2 1/2	1.1	2.75	208-230	56J, C-Face
QC1052	1/2	1.9	0.95	115/230	48Y, Square
QC1072	3/4	1.65	1.23	115/230	48Y, Square
QC1102	1	1.65	1.65	115/208-230	48Y, Square
SQ1152	1 1/2	1.47	2.20	230	48Y, Square
SQ1202	2	1.3	2.60	230	48Y, Square
SQ1302V1	3	1.15	3.45	230	56Y, Square
UQC1072	3/4	1.27	0.95	115/230	48Y, Square
UQC1102	1	1.25	1.25	115/230	48Y, Square
UQC1152	1 1/2	1.1	1.65	115/230	48Y, Square
USQ1202	2	1.1	2.20	230	48Y, Square
USQ1252	2 1/2	1	2.50	230	48Y, Square

1.866.887.5216

In Ground Single-Speed



Stock Number	Horsepower	Service Factor	Total HP	Volts	Frame & Flange
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E-PLUS® ENERGY EFFICIENT CENTURION®

B845	1/2	1.9	0.95	115/208-230	56Y, Square
B638	3/4	1.5	1.13	115/208-230	56J, C-Face
B653	1	1.4	1.40	115/208-230	56C, C-Face
B654	1	1.4	1.40	115/208-230	56J, C-Face
B657	1/2	1.6	0.80	115/208-230	56J, C-Face
B795	1/2	1.3	1.95	115/208-230	56C, C-Face
B796	1 1/2	1.3	1.95	115/208-230	56J, C-Face
B808	2	1.2	2.40	208-230	56C, C-Face
B809	2	1.2	2.40	208-230	56J, C-Face
B817	3	1.15	3.45	208-230	56C, C-Face
B818	3	1.15	3.45	208-230	56J, C-Face

CENTURY® HAYWARD NORTHSTAR

SN1072	3/4	1.85	1.39	115/208-230	56J, C-Face
SN1102	1	1.85	1.85	115/208-230	56J, C-Face
SN1152	1 1/2	1.6	2.40	115/208-230	56J, C-Face
SN1202	2	1.35	2.70	208-230	56J, C-Face
SN1302	3	1.6	4.80	208-230	56J, C-Face
USN1102	1	1.4	1.40	115/208-230	56J, C-Face
USN1152	1 1/2	1.25	1.88	115/208-230	56J, C-Face
USN1202	2	1.2	2.40	115/208-230	56J, C-Face
USN1252	2 1/2	1.1	2.75	208-230	56J, C-Face
USN1302	3	1.2	3.60	208-230	56J, C-Face

NEW CENTURION®

B2661	3/4	1.67	1.25	115/208-230	56Y, Square
B2841	1	1.65	1.65	115/208-230	56Y, Square
B2842	1 1/2	1.47	2.21	208-230	56Y, Square
B2843	2	1.3	2.60	208-230	56Y, Square
B2844	3	1.15	3.45	208-230	56Y, Square



In Ground Two-Speed

Stock Number	Horsepower	Service Factor	Total HP	Volts	Frame & Flange
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TWO COMPARTMENT, C-FACE THREADED, FULL RATED

STS1072RV1	3/4 ~ .10	1.5	1.13	230	56J, C-Face
STS1102RV1	1 ~ .13	1.5	1.50	230	56J, C-Face
STS1152R	1-1/2 ~ .25	1.3	1.95	230	56J, C-Face
STS1202RV1	2 ~ .33	1.2	2.40	230	56J, C-Face

TWO COMPARTMENT, SQUARE FLANGE, FULL RATED

SQL1072R	3/4 ~ .13	1.65	1.24	115	48Y, Square
SQS1072R	3/4 ~ .13	1.6	1.20	230	48Y, Square
SQS1102R	1 ~ .17	1.65	1.65	230	48Y, Square
SQS1152R	1-1/2 ~ .25	1.47	2.21	230	48Y, Square
SQS1202R	2 ~ .33	1.3	2.60	230	48Y, Square

TWO COMPARTMENT, SQUARE FLANGE, UP RATED

UQS1102R	1 ~ .17	1.25	1.25	230	48Y, Square
UQS1152R	1-1/2 ~ .25	1.1	1.65	230	48Y, Square
UQS1202R	2 ~ .33	1.1	2.20	230	48Y, Square

CENTURION®, C-FACE KEYED AND THREADED, FULL RATED

B970	1/2 ~ .06	1.6	0.80	115	56C, C-Face
B971	1/2 ~ .06	1.6	0.80	115	56J, C-Face
B972	3/4 ~ .10	1.5	1.12	115	56C, C-Face
B973	3/4 ~ .10	1.5	1.12	115	56J, C-Face
B974	1 ~ .12	1.4	1.40	230	56C, C-Face
B975	1 ~ .12	1.4	1.40	230	56J, C-Face
B976	1-1/2 ~ .20	1.3	1.95	230	56C, C-Face
B977	1-1/2 ~ .20	1.3	1.95	230	56J, C-Face
B969	1-1/2 ~ .20	1.1	1.65	115	56J, C-Face
B978	2 ~ .25	1.2	2.40	230	56C, C-Face
B979	2 ~ .25	1.2	2.40	230	56J, C-Face
B966	3 ~ .38	1.15	3.45	230	56J, C-Face

CENTURION®, SQUARE FLANGE, FULL RATED

B985	2 ~ .33	1.1	2.20	230	56Y, Square
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- California Title 20 Compliant (www.energy.ca.gov)
- Available in Two-Compartment and Centurion® Designs
- Available in 56J, 56C, Square Flange and Thru-Bolt Designs

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Above Ground and Spa Two-Speed

Stock Number	Horsepower	Service Factor	Total HP	Volts	Frame & Flange
CENTURY®, FLEX 48 LASAR (LOW AMP START AND RUN)					
BN36	3/4 ~ .10	1	0.75	115	48Y, Thru-bolt
BN37	1 ~ .12	1	1.00	115	48Y, Thru-bolt
BN50	1-1/2 ~ .25	1	1.50	115	48Y, Thru-bolt
BN34	1-1/2 ~ .18	1	1.50	230	48Y, Thru-bolt
BN51	2 ~ .25	1	2.00	230	48Y, Thru-bolt
CENTURY®, FLEX 48 LASAR XL (EXTRA LOW RUNNING AMPS)					
BN60	1-1/2 ~ .18	1	1.50	115	48Y, Thru-bolt
BN61	2 ~ .25	1	2.00	230	48Y, Thru-bolt
BN62	3 ~ .38	1	3.00	230	48Y, Thru-bolt
BN63	4 ~ .42	1	4.00	208-230	48Y, Thru-bolt
STA-RITE, 48 FRAME, DIRECT REPLACEMENT SPA MOTORS					
SDS1102	1 ~ .12	1	1.00	115	56Z, Thru-bolt
SDS1152	1-1/2 ~ .19	1	1.50	230	56Z, Thru-bolt
SDS1202	2 ~ .25	1	2.00	230	56Z, Thru-bolt
SDS1252	2-1/2 ~ .25	1	2.50	230	56Z, Thru-bolt
SDS1302	3 ~ .38	1	3.00	230	56Z, Thru-bolt
WATERWAY, 56 FRAME, DIRECT REPLACEMENT SPA MOTORS					
B232	1 ~ .18	1	1.00	230	56Y, Thru-bolt
B233	2 ~ .25	1	2.00	230	56Y, Thru-bolt
B234	3 ~ .30	1	3.00	230	56Y, Thru-bolt
B235	4 ~ .50	1	4.00	230	56Y, Thru-bolt
B236	5 ~ .63	1	5.00	230	56Y, Thru-bolt

The Two-Speed Advantage



- The pump will run much quieter
- The pump will run cooler, potentially extending motor life
- The pump will use less electricity than the existing single-speed pump
- The pump will work more efficiently for most filter types
- The pool water will circulate through the filter for more hours per day



E-Plus[®] *New* Centurion[®]

Premium Efficiency Two-Speed *Pool and Spa Motors*

Featuring an energy efficient Permanent Split Capacitor (PSC) high-speed and an energy efficient Capacitor Start/Capacitor Run (CSCR) low speed, the E-Plus New Centurion offers increased energy savings of up to 20% over regular two-speed motors and up to 58% over regular single speed motors.

In Ground Two-Speed

Stock Number	Horse-power	Volts	Service Factor	Service Factor Amps	Total HP	Percent Energy Savings*	Yearly \$ Savings**
TWO SPEED "1081" CAPACITOR RUN LOW SPEED, PSC HIGH SPEED, SQ. FLANGE							
B2980	3/4 ~ .10	230	1.67	6.0/1.0	1.25	58%	\$633.32
B2981	3/4 ~ .10	115	1.67	12.4/2.2	1.25	55%	\$606.29
B2982	1 ~ .13	230	1.65	7.4/1.4	1.65	51%	\$625.60
B2983	1 1/2 ~ .19	230	1.47	10.0/1.6	2.21	51%	\$787.79
B2984	2 ~ .25	230	1.30	11.0/1.8	2.60	53%	\$934.53
*Savings over the equivalent single speed motor							
**Calculated @ \$.23 per Kilowatt hour, pumping same amount of water as a single speed motor, eight hours per day.							
See the Energy Savings Calculator at: www.pool-motors.com							

- Saves up to 20% over regular two-speed motors
- Saves up to 58% over single-speed motors
- Results in cooler motor operation, extending insulation life
- Circulates more water through the filter more hours per day
- Reduces noise as pump and motor will run quieter
- Meets California (Title 20) requirements prohibiting single-speed motors



1.866.887.5216



Achieve up to 58% Energy Savings!



Premium Efficiency Two-Speed Pool and Spa Motors with Integrated Timer

Features:

- Integrated Timer Interface
- Timer Mode
- Adjustable Contrast
- Manual Mode
- Over Current Protection
- Battery Backup - Program Saver
- LCD Display with Backlight
- Ball Bearing
- Class B Insulation
- 50°C Ambient
- High Efficiency High and Low Speed
- Open Dripproof
- Rotation: CCW Pump End
- Single Phase
- 303 Stainless Steel Shaft

Two-Speed "1081" Capacitor Run Low Speed, PSC High Speed, Sq. Flange

Stock Number	Horsepower	Volts	Service Factor	Service Factor Amps	Total HP	Percent Energy Savings*	Yearly \$ Savings**
TWO SPEED "1081" CAPACITOR RUN LOW SPEED, PSC HIGH SPEED, SQ. FLANGE							
B2980T	3/4 ~ .10	230	1.67	6.0/1.0	1.25	58%	\$633.32
B2981T	3/4 ~ .10	115	1.67	12.4/2.2	1.25	55%	\$606.29
B2982T	1 ~ .13	230	1.65	7.4/1.4	1.65	51%	\$625.60
B2983T	1 1/2 ~ .19	230	1.47	10.0/1.6	2.21	51%	\$787.79
B2984T	2 ~ .25	230	1.30	11.0/1.8	2.60	53%	\$934.53

*Savings over the equivalent single speed motor
 **Calculated @ \$.23 per Kilowatt hour, pumping same amount of water as a single speed motor, eight hours per day.

See the Energy Savings Calculator at: www.pool-motors.com

The reasons a 2Green™ premium-efficiency replacement motor can offer such impressive savings are numerous including:

- An integrated timer interface allows for easier installation and operation of a two-speed replacement motor. The all-in-one design reduces installation time and expense with no additional wiring required.
- A run capacitor used on both high and low speeds improves electromagnetic balance increasing the power factor and watts efficiency resulting in lower amps and lower operating cost.
- The amount of horsepower required to move the water through the pipes drops much more quickly than the speed. While it may take one horsepower to move the water through the pipes on high speed it only takes 1/8 horsepower to move one half as much water through those same pipes on low speed. Even when run on low speed twice as long to pump the same amount of water as on high speed, the lower horsepower results in significant energy savings.





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A Regal Brand

