

THE
Original

AC Smith®

AND THE
Standard

For Pool, Spa and Hot Tubs

**Two-compartment Motors
Built On Performance-Tested Values**

Value • Quality • Reliability
Durability • Innovation • Reputation
Commitment • Performance • Dependability
Ease of Service • Quality Materials
Pride of Workmanship



THE
Quality...

CHOICE OF LEADING PUMP MANUFACTURERS!

inside the **Original** and the **Standard**

Stainless Steel Shaft

- Lasts longer—improved corrosion-resistance
- Face machined after assembly—reduces face run out, provides close shaft length tolerances, improves pump impeller run out and pump performance

Balanced Design – 56J and 56C or 56Y Mounting

- C-Face, square flange or through bolt mount
- Threaded and keyed shaft versions
- Single and two speed versions available

Patented Smith Seal™

- Protects motor bearing from leaking pump seal
- Non-friction, no rubbing parts
- Lasts longer than lip seals
- More than triple protection (See Smith Seal brochure for more details)

Patented Bearing Lock Clip

- Single screw clip
- No loose parts to remove
- Hassle-free assembly

Wrench Access

- No need to remove components to access shaft flats
- Wrench held in place by die cast posts
- Easy access at 12 o'clock

Capacitor Start and Run, Capacitor Start or Split Phase Designs

Thermal Overload Protector

- Designs to operate in either a 50°C (122°F) or 40°C (140°F) ambient
- Performs with voltage extremes of plus or minus 10% of rated voltage
- Avoids nuisance tripping

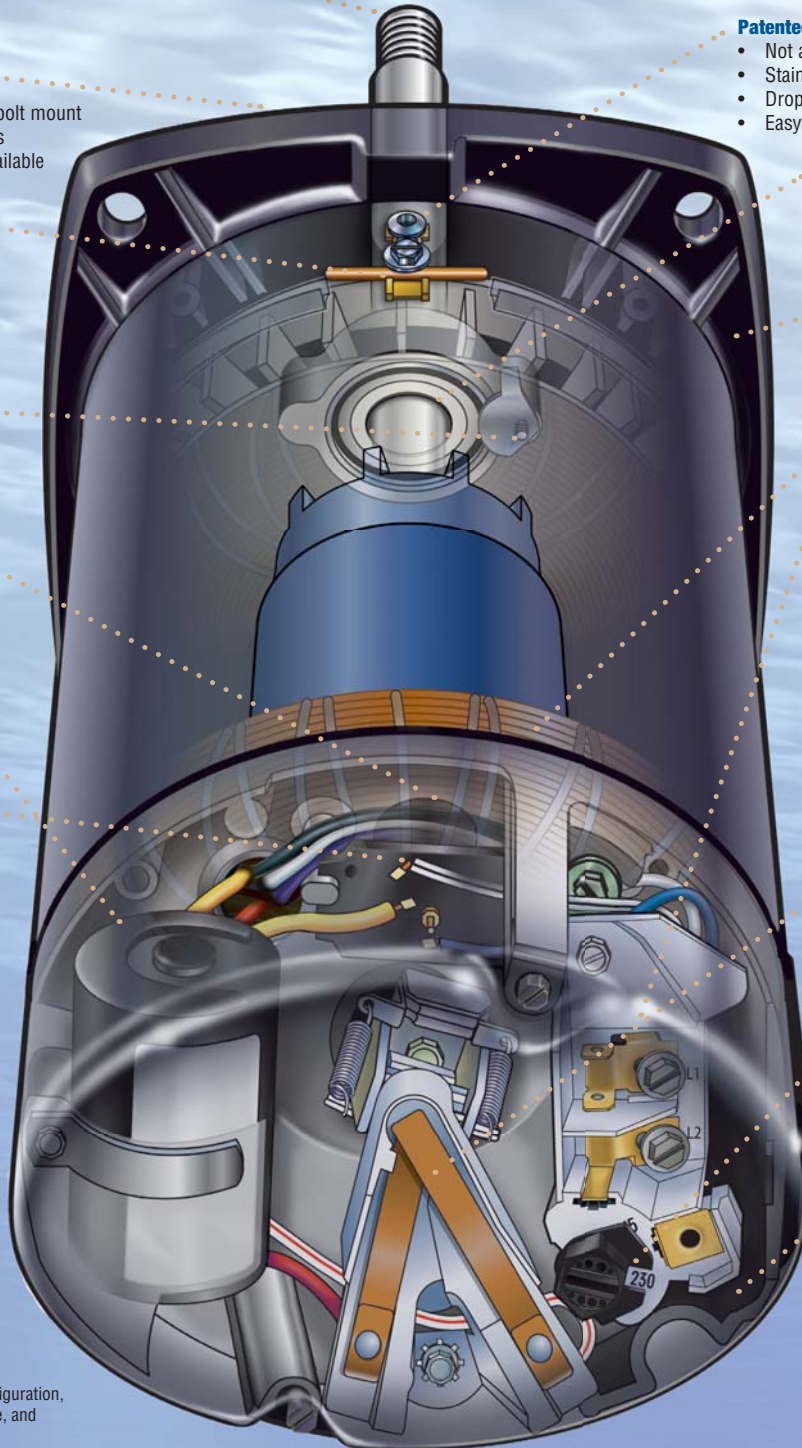
Important:

1. Total output (HP x service factor) of replacement motor must equal or exceed motor being replaced.
2. The pool motor on this page is 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.

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Patented Bonding Lug

- Not a knuckle buster
- Stainless steel 1/4" hex head screws
- Drop-in wire mount feature
- Easy access at 12 o'clock

High Quality Ball Bearings

- Double sealed ball bearings each end
- Permanently lubricated with rust inhibiting grease
- No re-greasing required

Aluminum End Frame

- Rugged construction
- Improved heat dissipation over cast iron
- Non-corrosive alloy

Class B or F Windings Available

NEW! Patented EZ Access Terminal Board with VCD

- Lead chute guides wiring to top of the board
- Wire guide assists in wiring installation and keeping wires in place
- Ground wire channel keeps ground wire away from line lead terminals
- 1/2" – 14 NPT opening for conduit fitting
- Easier to read voltage settings
- No need to wrap the wire around the screw

NEW!

Patented No Adjust Start Switch

- Rated for one million cycles plus for longer motor life
- No screw to adjust
- Simply tighten mounting screw

NEW! Easy-to-Use Voltage Change Dial

- For dual voltage models
- Rotate dial for quick voltage selection

Original Enclosed Canopy Design

- A. O. Smith original "two-compartment" design; separates "work room" from "control room"
- Easy access to all components, with captive screws if service is required
- Metal cover is impact resistant
- Wrench flats on shaft behind switch
- Corrosion resistant powder coated paint

Copied, but never quite duplicated... The ultimate accomplishment by A. O. Smith engineers!

Insure that you get all the benefits...specify A. O. Smith Swim Pool Pump Motors!

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