



CentriPro™

# 4" Submersible Motors



ITT

*Engineered for Life*



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## **Materials of Construction:**

- Stainless steel end bells, top and bottom
- Stainless steel shell
- Three-shoe Kingsbury thrust bearing
- Built-in lightning/surge arrestor
- Water-filled design

## **Available Motors:**

- Two and three-wire motors
- 115 V, 1/2 HP
- 230 V, 1/2 - 1 1/2 HP

## **Features:**

- Three-Wire - Capacitor Start Motor Design
  - Use with our CentriPro Quick Disconnect or CSCR style control boxes.
- Two-Wire PSC (Permanent Split Capacitor) Design
  - Quieter than split-phase, 2-wire motors and reduces pulsation noise.
  - Capacitor built-in and hermetically sealed.
- Laser Welded - 21st century welding technology for improved welds.
- 700 Lb Thrust Rating - much higher than competitive motors.
- Precision machined, one-piece, stainless steel castings used for upper and lower end bells.
- Water-filled design with non-toxic propylene glycol solution to protect the motor during shipping and storage.
- Built-in check valve allows well water to enter motor as needed.
- Replaceable motor lead is held in place by (2) screws for controlled compression - no danger of stripping the lead threads.



ITT Water Technology now offers a competitive line of CentriPro 4-inch submersible motors. Our initial offering includes 1/2 - 1 1/2 HP, single-phase motors. The motors feature built-in lightning/surge protection. All have a 700# thrust bearing as compared to our major competitor's 300# and 650# ratings. The 1/2 - 1 HP, 3-wire and all 2-wire models have on-winding thermal overloads.

The CentriPro 2-wire motor is a permanent split capacitor (PSC) design. PSC motors are less prone to producing pulsation noise than currently available split-phase designs.

Our 3-wire motor is a capacitor start, induction run design requiring a control box. We also offer 1/2 - 1 HP quick-disconnect, capacitor start (CSIR) control boxes and 1/2 HP and larger capacitor start/capacitor run (CSCR) models in larger enclosures for installer convenience. They will operate CentriPro and other 4" single-phase motors.

For more information about the new CentriPro motor, please visit [www.centripro.com](http://www.centripro.com).

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