



Applications

Specifically designed for the following uses:

- Electronics Cooling
- Medical
- Water Circulation
- Chiller Systems
- Liquid Transfer
- General Purpose Pumping

Specifications

Pump

- Max Capacities: 2.3 GPM
- Max Head: 20'
- Pipe Connections:
1/4" NPT and 3/8" Hose Barb
- Maximum Working Pressure: 21.75 PSI
- Maximum Temperature: 140° F
- Rotation: counter clockwise when viewed from the motor end

Motor

- Electronically Commutated DC Spherical Motor
- 8-13.2 DC Volt
- Automatic Overload Protection

Features

Compact Design

Unique, low profile space saving design provides easy installation.

Mounting

Pump is designed to be mounted horizontally with discharge.

Optional Tach

The tach signal is an open collector type max 20mA, max 24v, 2 pulses per revolution.

Motor Foot

Intergrated plastic mounting feet available.

Construction

Available in 316SS fitted thermoplastic.

Ceramic Bearing Ball and Carbon Bearing Cap

High density ceramic bearing ball and graphite impeller bearing cap designed for high efficiency and long life.

Impeller

Highly efficient and dynamically balanced impeller with carbon bearing for smooth ultra quiet operation.

Casing

Casing is Volute type thermoplastic construction.

Mechanical Seal

Unique patented design has no mechanical seal which is a potential leak path.

Motor

High efficient spherical motor design, ultra quiet, ultra efficient. Pump is designed for continuous operation. All ratings are within working limits of the motor.

Electronics

Embedded microprocessor control is self regulating and available with variable speed with PWM input or dial control (potentiometer) on the pump.

Noise level

Whisper quiet, less than 40 db.

Weight

Lightweight construction weighs 7oz.



Materials of Construction (Wetted Parts)

Part	Materials
Pump Housing	Nylon/PPO
"O" Ring	EPDM or Viton
Impeller	Nylon/PPO
Bearing	Carbon/Allumina Ceramic
All Other Wetted Parts	316 Stainless Steel or Plastic

