



Features and Benefits

- Canned Motor design for leak-free applications
- Compact size ideal for applications requiring light weight and quiet operation (<55 dBA)
- Wet rotor for internal cooling and energy efficiency
- Consistent flow rate across variable pressures
- Flow range from 175 to 300 GPH (660 to 1130 LPH)
- Horsepower required 0.17 hp to 0.5 hp (125 to 375 watts)
- Motor speed same at 50 and 60 Hz
- Self priming (water) and maintenance free with low vibration and pulsation characteristics
- Stainless steel housing works with acidity > 2 pH¹

General Applications

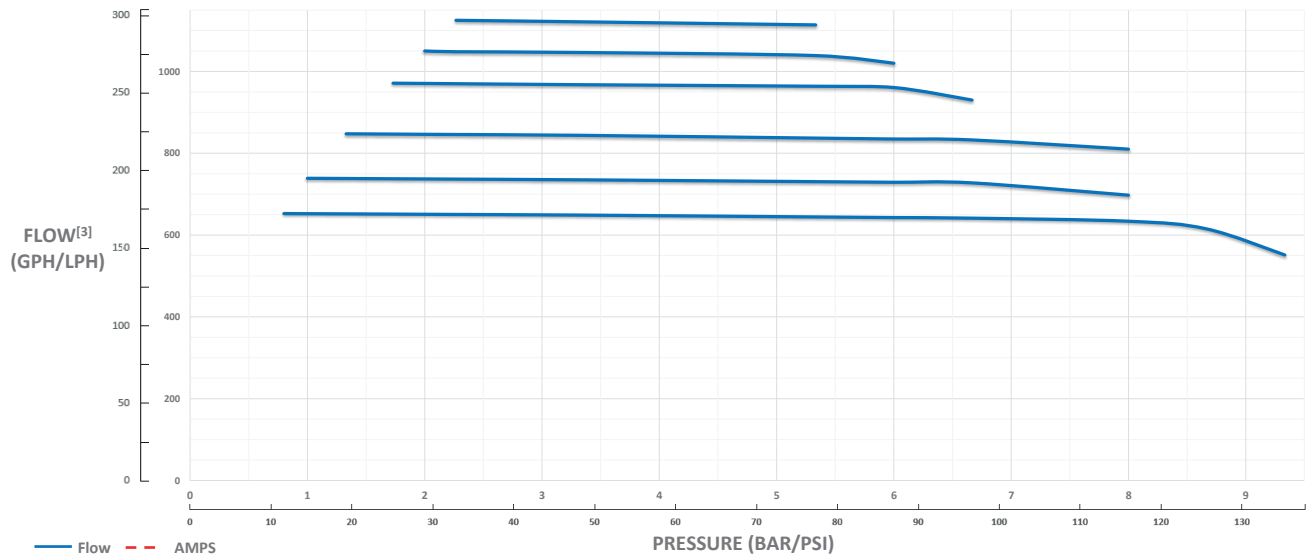
- Medical Applicatons
- X-Ray & CT Scanner
- Hydrotherapy
- Radar

Technical Information

Pump housing and motor shaft	304 Stainless Steel	Motor Type	Brushless
Sealless (optional)	PPS encapsulated permanent magnet (neodymium) motor rotor	Frequency/Voltage	60/50 Hz, 115/230 VAC
Elastomers	Nitrile, Ethylene Propylene (EPDM), Fluorocarbon, or Neoprene	Max Output Power	250 W
Vane Material	Carbon	Max. Input Current	5 A
Ports	NPT 1/2"	Protection	Thermally Protected
Unit Weight	13 lbs. (6 kg)	Insulation Class	B

Operating Range

Max Static Pressure	200 PSI (14 bar)	Max Discharge Pressure	120 PSI (8 bar)
Fluid Temperature	-4° to 140°F (-20° to 60°C)	Speed at 50/60 Hz	1750 RPM
Max. Fluid Viscosity	100 cP ^[2]	Wet Lift with Water	6 ft (2 M)
Max. Sound Level	55 dBA		



NOTES:
 [1] Consult with manufacturer for extreme operating conditions
 [2] Flow may vary with viscosity
 [3] Performance based on pump tested with water at room temperature



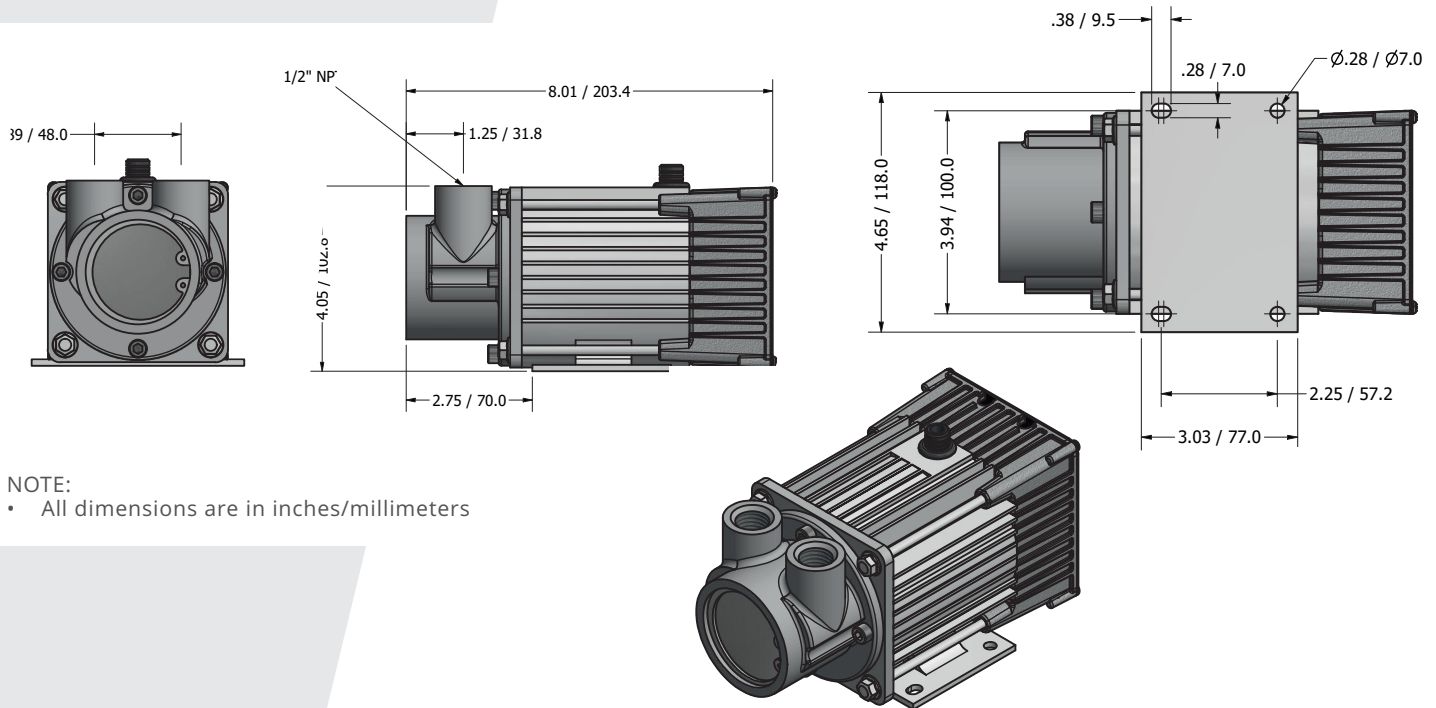
RoHS



WRAS



c MagPRO DIMENSIONS



NOTE:
 • All dimensions are in inches/millimeters