cMagPRO 5



General Applications

Medical Applications
X-Ray & CT Scanner
Hydrotherapy
Radar

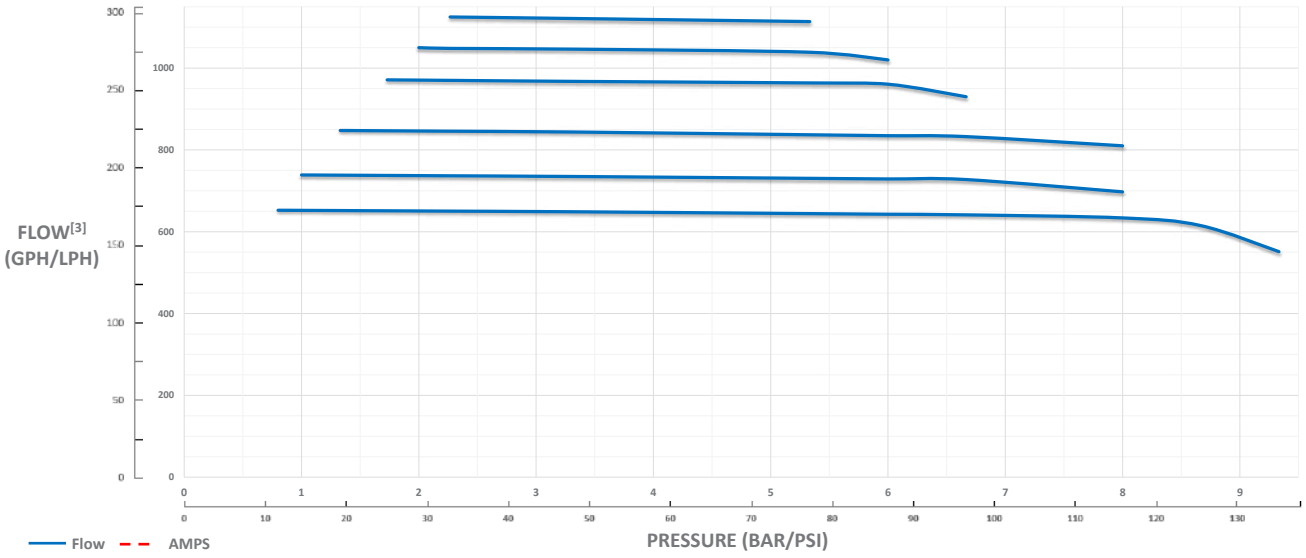
Features and Benefits

- 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 pH[1]

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, Ethlyene 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

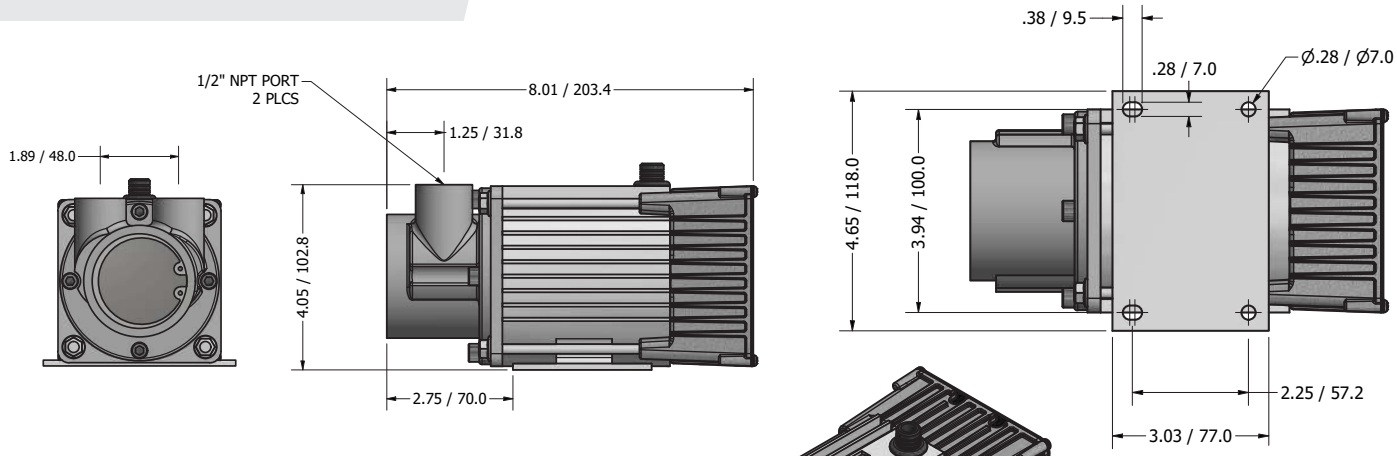
Operating Range			
Max Static Pressure	200 PSI (14 bar)	Max Discharge Pressure	120 PSI (8 bar)
Fluid Temperature	-4° to 140°F (-20° to 60°C)	Speed at 50/60 Hz	1750 RPM
Max. Fluid Viscocity	100 cP [2]	Wet Lift with Water	6 ft (2 M)
Max. Sound Level	55 dBA		

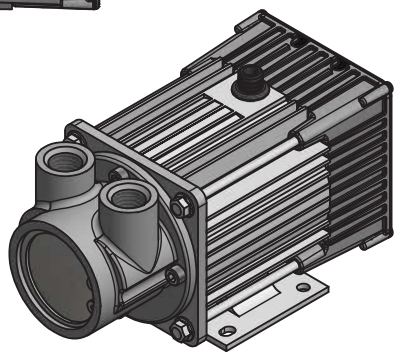
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NOTES:
[1] Consult with manufacturer for extreme operating conditions
[2] Flow may vary with viscosity
[3] Performance based on pump tested with water at room temperature

cMagPRO 5 DIMENSIONS





NOTE:
- All dimensions are in inches/millimeters

AMER
4600 NW Camas Meadows,
Suite 200
Camas, WA 98607
+1 360-253-2008
MVPSales@cemegroup.com

EMEA
Irishtown, Mountmellick, CO.
Laois, Republic of Ireland
00353.57.86.24350
EUSales@cemegroup.com

APAC
Room 2730, 27F, The Crest 500
West YanAn Road, Changning,
Shanghai P.R.C
+86 18621892131
sara.chen@cemegroup.com