207MM MAG DRIVE



Features and Benefits

- Consistent flow rate across variable pressures
- Magnetically coupled drive for leak free design
- Flow range from 15 to 60 GPH (45 to 180 LPH)*
- Horsepower required 0.06 to 0.17 hp (45 to 125 watts)
- Self priming (water) and maintenance free with low vibration and pulsation characteristics
- Stainless steel housing works with acidity > 2 pH[1]
- High temperature relief valve configuration
- Clockwise rotation available

*GPH rating at 1600 RPM/60 Hz and LPH rating at 1300 RPM/50 Hz

General Applications

Carbonation
Espresso/Coffee
Welding
Cold Carb Circulation
Reverse Osmosis
Beer Chillers
Pesticide Systems
Solar Applications
Cooling Systems

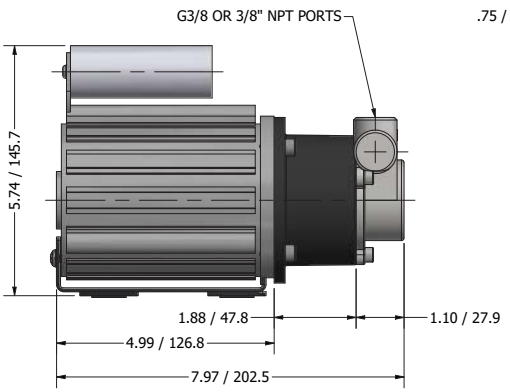
Technical Information			
Pump housing and motor shaft	304 Stainless Steel	Motor Type	PSC (Open)
Sealless (optional)	PPS encapsulated neodymium or ceramic magnet paired with neodymium or ceramic outer magnet	Frequency/Voltage	60/50 HZ, 115/230V
Elastomers	Nitrile, Ethlyene Propylene (EPDM), Fluorocarbon, or Neoprene	Max Output Power	125 W
Vane Material	Carbon or PEEK	Max. Input Current	4 A
Ports	G 3/8" or NPT 3/8"	Protection	Thermally Protected
Unit Weight	10 lbs. (4 kg)	Insulation Class	F

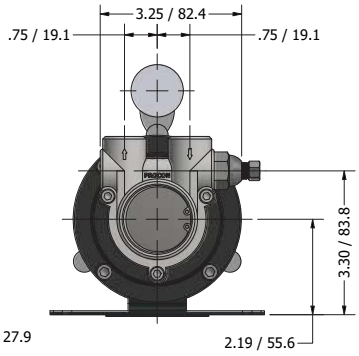
Operating Range			
Max Static Pressure	100 PSI (7 bar)	Max Discharge Pressure	150 PSI (10 bar)
Fluid Temperature	-4° to 194°F (-20° to 90°C)	Speed	1600/1300 RPM
Max. Fluid Viscocity [2]	100 Centipoise [2]	Wet Lift with Water	6 ft (2 M)
Max. Sound Level	55 dBA		

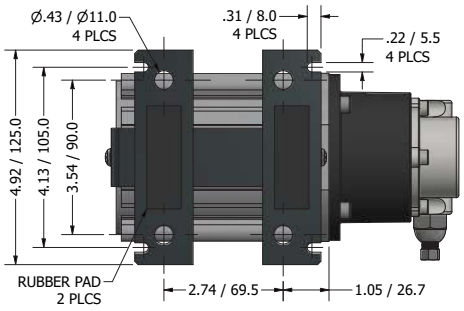
207MM Mag Drive Nominal Volume[3]						
Flow rate (GPH/LPH)	Gallons Per Hour/Liters Per Hour			Brake Horsepower/Watts (motor shaft power)		
	Pressure (PSI/Bar)			Pressure (PSI/Bar)		
	50/3.4	100/6.9	150/10.3	50/3.4	100/6.9	150/10.3
60/180	62/194	60/188	--	0.10/75	0.16/119	--
50/150	52/163	50/157	--	0.09/67	0.15/112	--
35/100	37/116	35/110	--	0.08/51	0.14/104	--
25/75	27/85	25/78	23/72	0.07/52	0.12/89	0.17/127
15/45	17/53	15/47	13/41	0.06/45	0.10/75	0.15/112

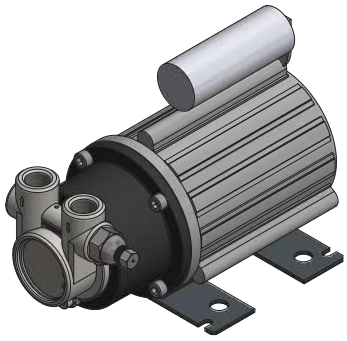
NOTES:
[1] Consult with manufacturer for extreme operating conditions
[2] Flow may vary with viscosity
[3] Performance based on pump tested with water at room temperature

PUMP DIMENSIONS









NOTE:
- All dimensions are in inches/millimeters

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