# 215MM MAG DRIVE





## Features and Benefits

- Consistent flow rate across variable pressures
- Magnetically coupled drive for leak free design
- Flow range from 80 to 125 GPH (240 to 375 LPH)*
- Horsepower required 0.12 to 0.17 hp (60 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

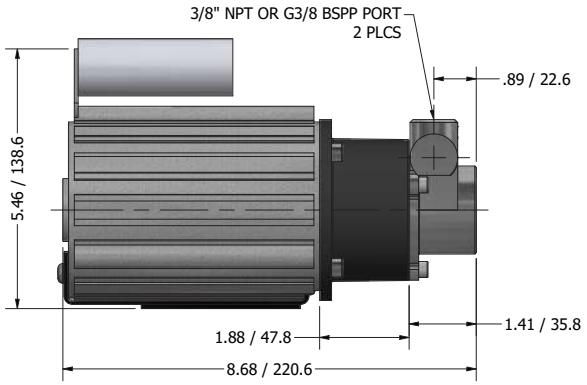
| Technical Information | | | |
|---|---|---|---|
| Pump housing and motor shaft | 304 Stainless Steel | Motor Type | PSC (Open) |
| Sealless (optional) | PPS encapsulated neodymium or ceramic magnet paired with neodymium or ceramic outer magnet | Frequency/Voltage | 60/50 Hz, 115/230 V |
| Elastomers | Nitrile, Ethlyene Propylene (EPDM), Fluorocarbon, or Neoprene | Max Output Power | 125 W |
| Vane Material | Carbon or PEEK | Max. Input Current | 4 A |
| Ports | NPT 3/8" | Protection | Thermally Protected |
| Unit Weight | 10.1 lbs. (4.6 kg) | Insulation Class | F |

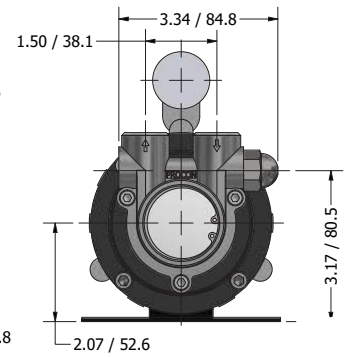
| Operating Range | | | |
|---|---|---|---|
| Max Static Pressure | 100 PSI (7 bar) | Max Discharge Pressure | 100 PSI (7 bar) |
| Fluid Temperature | -4° to 194°F (-20° to 90°C) | Speed | 1300/1600 RPM |
| Max. Fluid Viscocity[2] | 100 cP | Wet Lift with Water | 6 ft (2 M) |
| Max. Sound Level | 55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

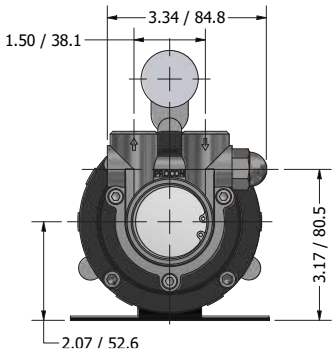
| 215MM Mag Drive Nominal Volume[3] | | | | |
|---|---|---|---|---|
| Flow rate (GPH/LPH) | Gallons Per Hour/Liters Per Hour | | Brake Horsepower/Watts (motor shaft power) | |
| | Pressure (PSI/Bar) | | Pressure (PSI/Bar) | |
| | 50/3.4 | 100/6.9 | 50/3.4 | 100/6.9 |
| 125/375 | 128/400 | -- | 0.16/119 | -- |
| 100/300 | 102/319 | -- | 0.13/97 | -- |
| 80/240 | 82/257 | 80/256 | 0.12/89 | 0.18/134 |

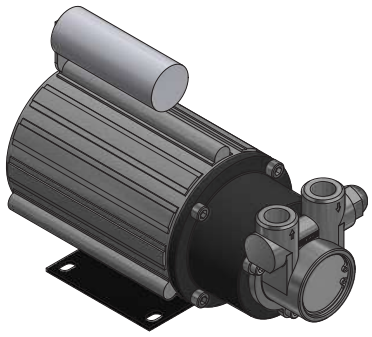
NOTES:
[1] Consult with manufacturer for extreme operating conditions
[2] Flow may vary with viscosity
[3] Performance based on pump tested with water at room temperature

## PUMP DIMENSIONS



NOTE:
- All dimensions are in inches/millimeters

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