

Principle Applications

Designed for continuous recirculation of carbonated water, aggressive chemicals, chilled water, pure or precious liquids in high pressure systems.

Features

- Manufactured from chemically resistant thermoplastics
- Operating at an optimum flow rate of 3 litres/minute
- Magnetic coupling provides an energy efficient thermal shield, Minimising heat transfer to the pumped fluid.
- Temperature stability and product purity ensured
- Leak free continuous operation
- IPX5 motor housing
- Low condensation
- Nitrile o rings standard. Other materials available
- Zero maintenance
- PPS pump head
- Long life

Options

Voltage Options

230V 1Ph 50/60Hz
110V 1Ph 50/60Hz

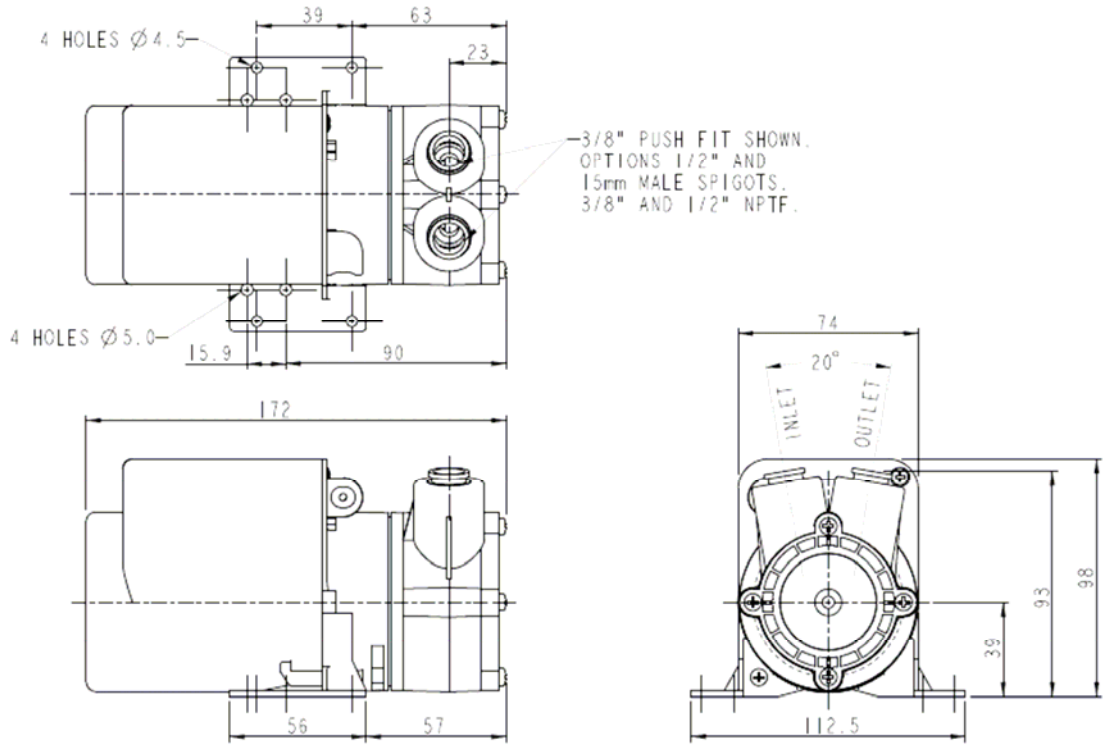
Port Options

1/2" OD
15mm OD
3/8" ID



Installation

Drawings not to scale
Dimensions in millimetres

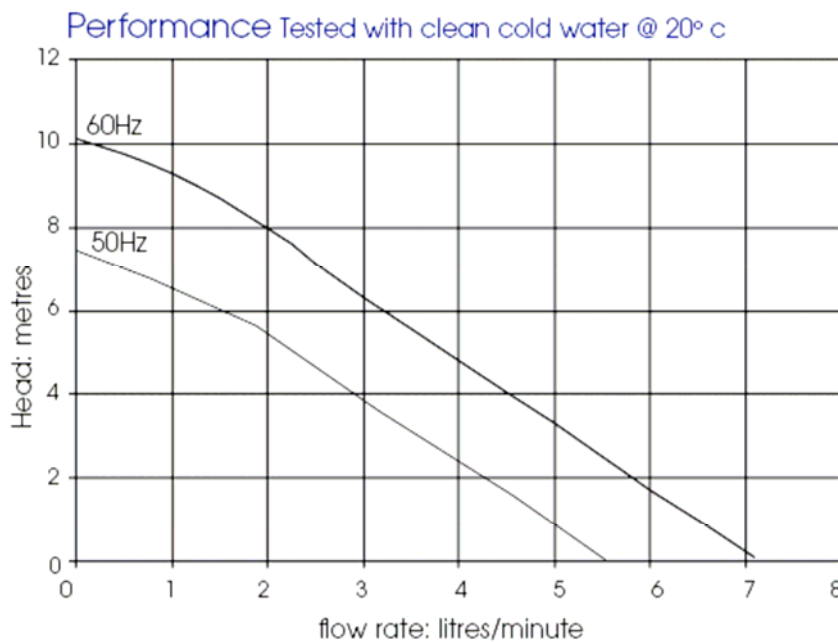


Specification

Model	Overall height (mm)	Overall length (mm)	Overall width (mm)	Weight (kg)	Max body pressure (bar)	Max capacity (l/min)	Max head (m)	Temp range (degC)	*Max specific gravity	Motor output (watts)
HPR6/8	98	172	113	1.2	10	5.5	7.4	-20 to +85	1.2	18

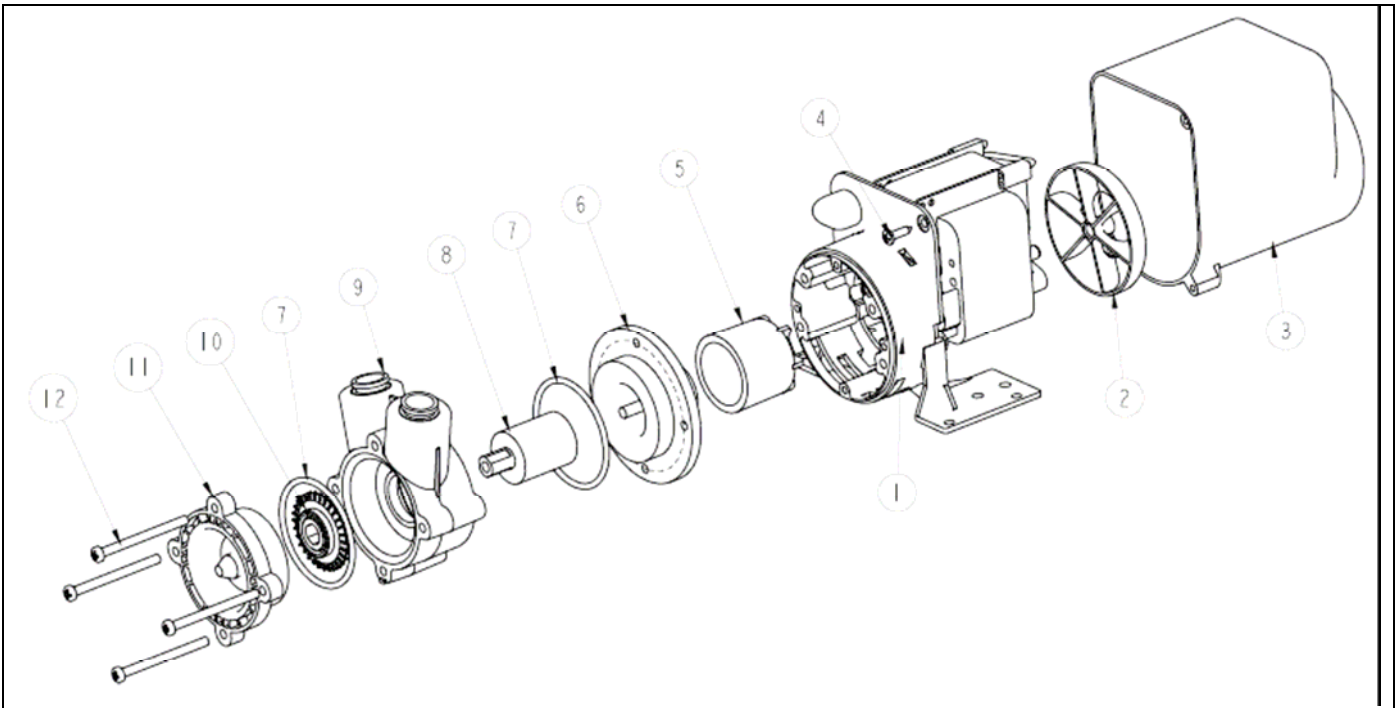
*Assuming maximum viscosity of 30cp. Refer to Totton Pumps for higher viscosities and specific gravities

Performance



Note: These magnetically coupled pumps are designed for use with clean fluids. Solids will cause jamming. Abrasives will reduce pump life and invalidate warranty. These HPR pumps are not designed to run dry. The company reserves the right change specifications.

Part List



Item Number	Description	Quantity	Part Number		
1	Motor	1	-		
2	Fan	1	033322		
3	Motor Cover	1	013313		
4	Screw	2	001739		
5	Drive Magnet	1	023267		
6	Spindle Housing	1	033276		
7	O Ring	2	013394 Nitrile	013291 EPDM	003265 Viton
8	Driven Magnet	1	033248		
9	Pump Body	1	033321 ½"OD Ports	033320 15mm OD Ports	043310 3/8" ID Ports
10	Impeller	1	033323		
11	Front Cover	1	033249		
12	Screw	1	022270		

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