

# 400/M1 pumphead

400/M and N series pumpheads

## Features and benefits

- 1 channel compact pump design
- Works with 1.6 mm wall thickness tubing and Luer connectors
- Complete pump with motor, or as pumphead only
- Pumphead available in PVDF for greater chemical compatibility



## 400/M1 pumphead performance

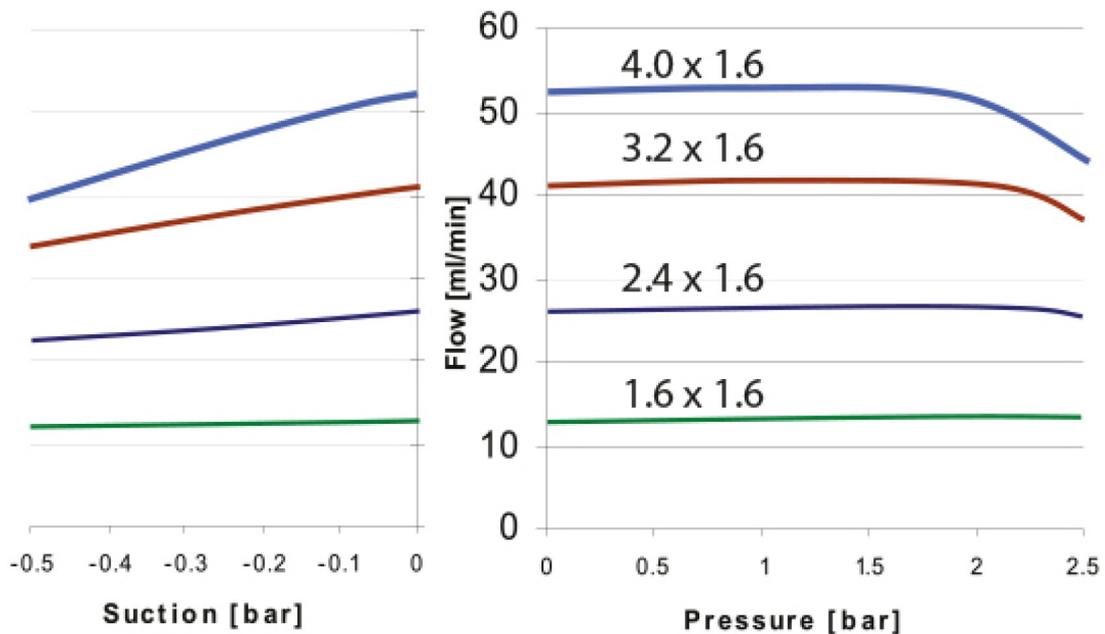
### 400M pumpheads

Flow rates (ml/min)		
Tube bore (mm)	ml/rev	Max continuous flow
1.6	0.13	65
2.4	0.26	130
3.2	0.41	200
4	0.52	260

### 400/M

### Pressure / suction charts

Santoprene tubing @100rpm



## Technical specifications

400/M1 pumphead	
Number of channels	1
Max. flow rate continuous	260 ml/min
Operating temperature	41 °F to 113 °F (-10 °C to 45 °C)
Pump type	Panel mount
Weight	lbs ( kg)
Compatible tubing bore size	1.6, 2.4, 3.2, 4 mm
Compatible tubing wall thickness	1.6 mm

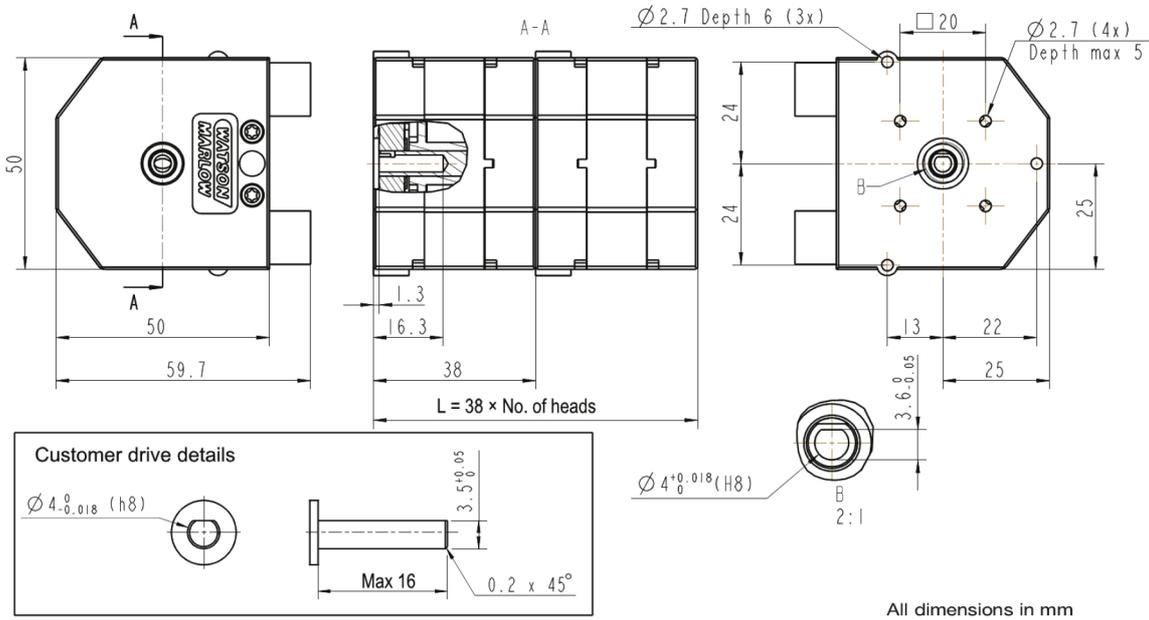
## Materials of construction

400/M1 pumphead	
Pumphead body assembly	Acetal (gray), PVDF
Pumphead track	Acetal (gray), PVDF
Pumphead roller assembly	Acetal (black), PVDF
Pumphead rotor assembly	Acetal (black), PVDF, Stainless steel

Information listed covers the complete range.

For detailed specifications of individual models/components refer to user manual or contact WMFTS representative.

## 400/M1 pumphead dimensions



## Product codes

Channels	Req. torque, bioprene tubing	Req. torque, silicone tubing	Part code standard	Part code PVDF
1	150mNm	130mNm	043.001M.E1C	043.001M.E1P
2	270mNm	240mNm	043.001M.E2C	043.001M.E2P

Disclaimer: All flow rates shown were obtained pumping water at 20 °C (68 °F) with zero suction and delivery heads. Watson-Marlow, Pumpsil, PureWeld XL, Bioprene and Marprene are trademarks of Watson-Marlow Limited. Disclaimer: The information contained in this document is believed to be correct but Watson-Marlow Limited accepts no liability for any errors it contains, and reserves the right to alter specifications without notice. GORE and STA-PURE are trademarks of W. L. Gore & Associates. Please state the product code when ordering pumps and tubing.



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