

# 520REH element pumphead



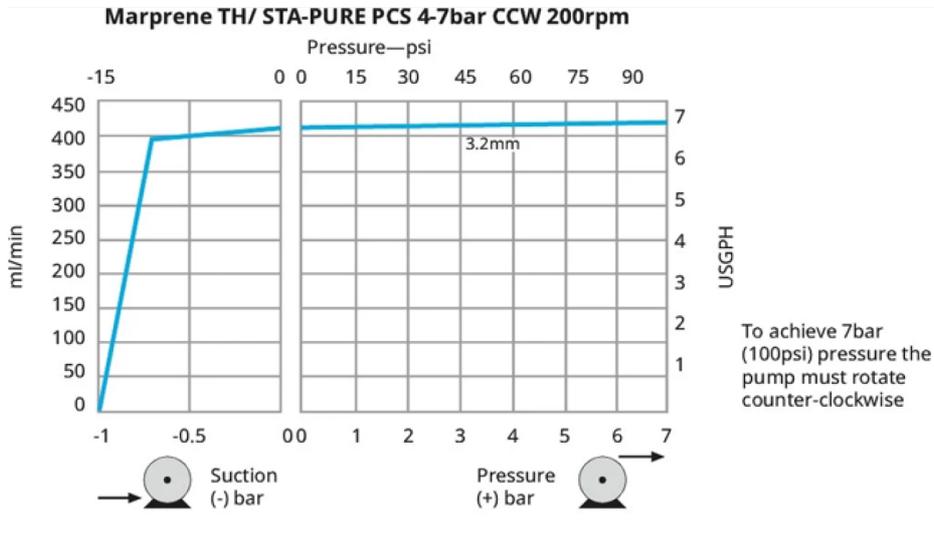
## 500 series pumpheads

- Flow rates up to 450 ml/min (7.13 USGPH) at 7 bar (100psi) constant pressure with 520 LoadSure® elements
- Features large swept volume with sprung rollers for high accuracy, gentle pumping of shear-sensitive fluids
- Robust pumphead construction with PPS (polyphenylene sulphide) track and rotor and stainless steel rollers and bearings



## 520REH element pumphead performance

520REH twin-roller pumpheads for LoadSure® element tubing – flow rates – ml/min (USGPH)		
Tube material	Speed rpm	3.2mm
Marprene® TH, Bioprene® TH, GORE® STA-PURE® Pump Tubing - Series PCS	0.1 to 220	0.20-450 (0-7.13)



## Technical specifications

	520REH element pumphead
Number of channels	1
Number of rollers	2
Max. flow rate continuous	450 ml/min
Max. flow rate continuous	7.13 USGPH (27 L/h)
Pump type	Cased, Panel mount
Compatible tubing bore size	3.2 mm

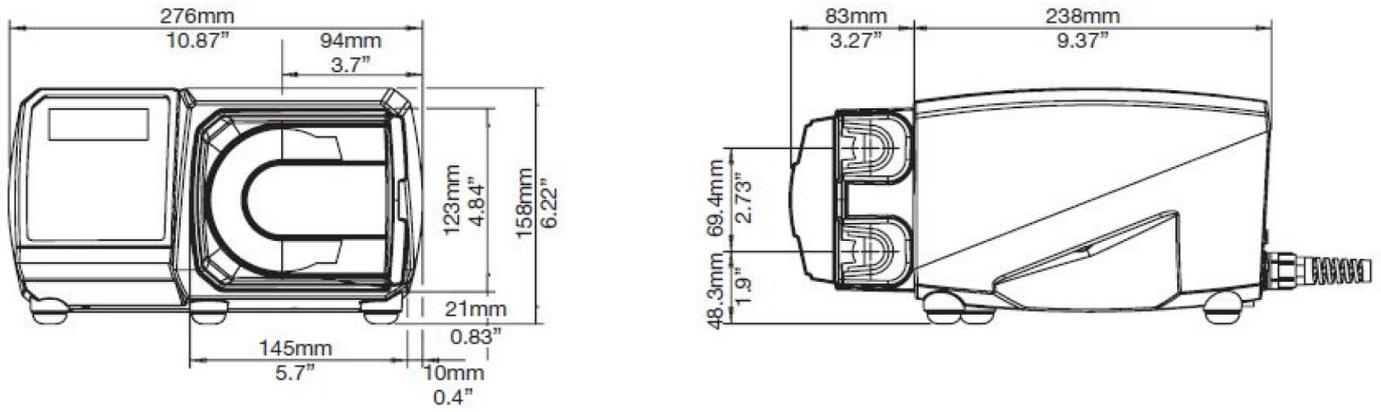
## Materials of construction

	520REH element pumphead
Pumphead body assembly	Polycarbonate (PC), Polyphenylene sulphide (PPS)
Pumphead guard	Polycarbonate (PC)
Pumphead track	Polyphenylene sulphide (PPS)
Pumphead roller assembly	MoS2 filled Nylon 6 (Nylatron), Polyphenylene sulphide (PPS), Stainless steel 316
Pumphead rotor assembly	Polyphenylene sulphide (PPS), Stainless steel 316

Information listed covers the complete range.

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

## 520REH element pumphead dimensions



## Product codes

Element product codes for 520REH		
	Industrial LoadSure® elements, Quick-release PVDF connectors	Sanitary LoadSure® elements, 3/4 in Sanitary PVDF connectors
	<b>3.2mm</b>	<b>3.2mm</b>
Bioprene® TH		933.H032.PFT
Marpene® TH	902.H032.PFQ	
STA-PURE® Series PCS	961.H032.PFQ	961.H032.PFT

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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