

520REH element pumphead



500 series pumpheads

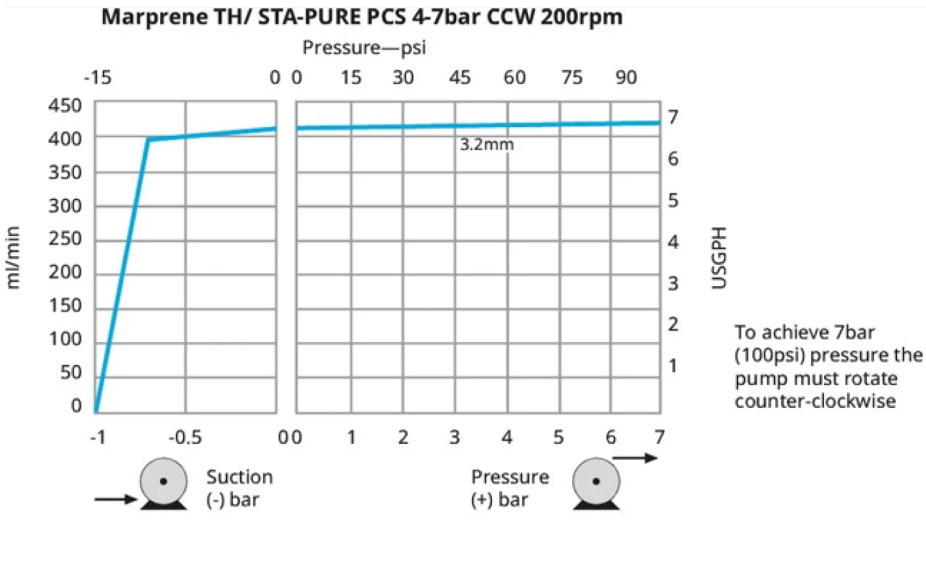
Features and benefits

- 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

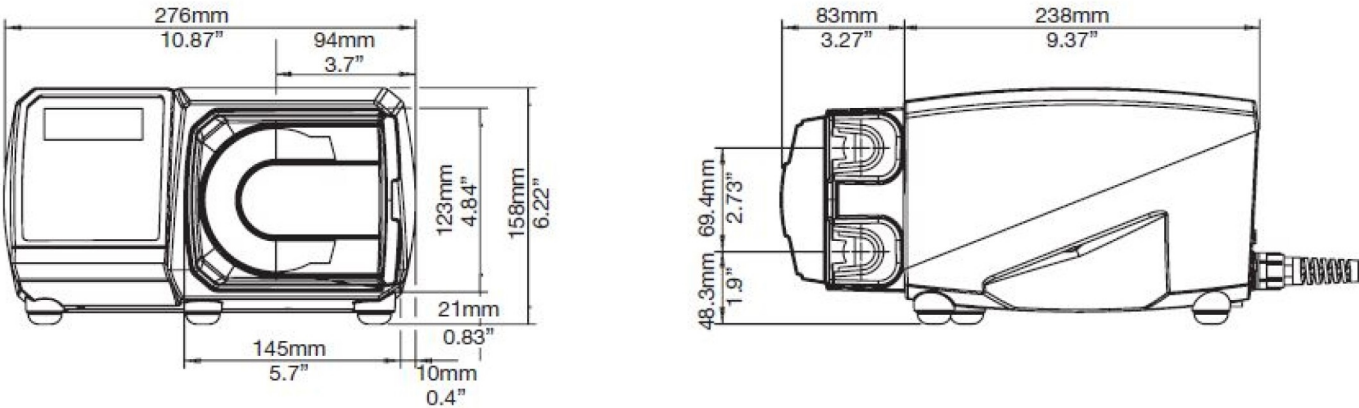
	520REH element pumphead
Number of channels	1
Number of rollers	2
Max. flow rate continuous	450 ml/min
Max. flow rate continuous	27 L/h (7.13 USGPH)
Pump type	Cased, Panel mount
Compatible tubing bore size	3.2 mm

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

Description		Part code
520REH element pumphead		053.1011.EH0
Element product codes for 520REH		
	Industrial LoadSure® elements, Quick-release PVDF connectors	Sanitary LoadSure® elements, 3/4 in Sanitary PVDF connectors
	3.2mm	3.2mm
Bioprene® TH		933.H032.PFT
Marprene® 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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29 April 2026