

520REM element pumphead



500 series pumpheads

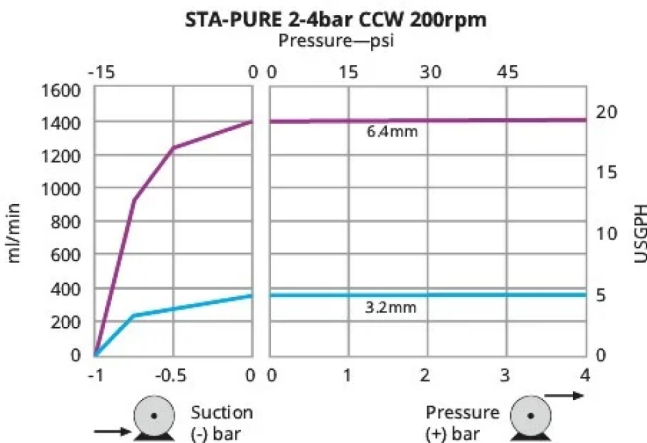
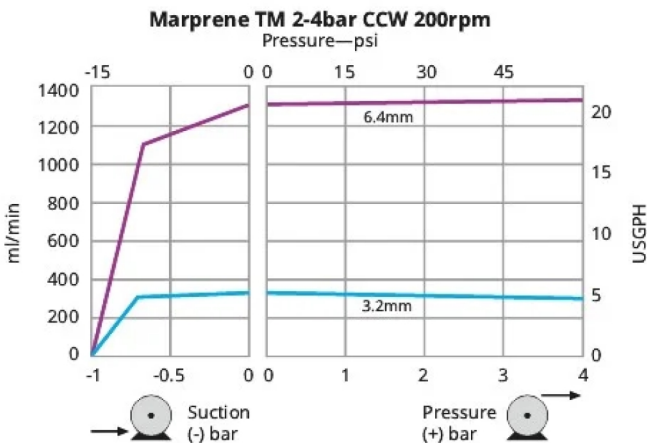
Features and benefits

- Flow rates up to 1500 ml/min (23.78 USGPH) at 4 bar (60psi) peak 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



520REM element pumphead performance

520REM twin-roller pumpheads for LoadSure® element tubing — flow rates — ml/min (USGPH)			
Tube material	Speed	3.2mm	6.4mm
Pumpsil®, GORE® STA-PURE® Pump Tubing – Series PCS, GORE® STA-PURE® Pump Tubing – Series PFL	0.1 to 220rpm	0.18-390 (0-6.18)	0.70-1500 (0.01-23.8)
Marpren® TM, Biopren® TM	0.1 to 220rpm	0.17-370 (0-5.86)	0.67-1500 (0.01-23.8)



Technical specifications

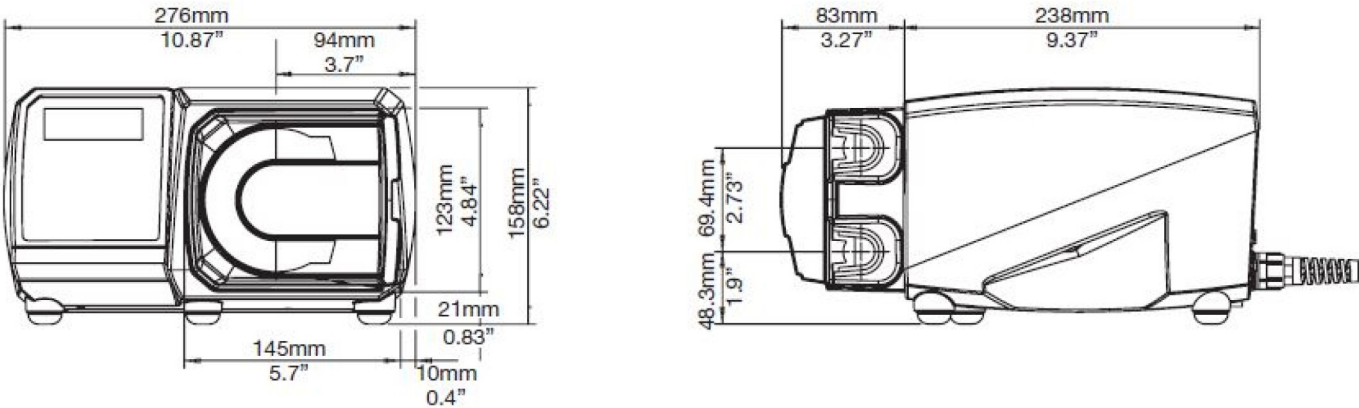
	520REM element pumphead
Number of channels	1
Number of rollers	2
Max. flow rate continuous	1500 ml/min
Max. flow rate continuous	90.54 L/h (23.78 USGPH)
Pump type	Cased, Panel mount
Compatible tubing bore size	3.2, 6.4 mm

Materials of construction

	520REM 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.

520REM element pumphead dimensions



Product codes

Description			Part code	
520REM element pumphead			053.1011.EM0	
Element product codes for 520REM				
	Industrial LoadSure® elements, Quick-release PVDF connectors		Sanitary LoadSure® elements, 3/4 in Sanitary PVDF connectors	
	3.2mm	6.4mm	3.2mm	6.4mm
Bioprene® TM			933.P032.PFT	933.P064.PFT
Marpene® TM	902.P032.PFQ	902.P064.PFQ		
STA-PURE® Series PCS			961.M032.PFT	961.M064.PFT
STA-PURE® Series PFL	966.M032.PFQ	966.M064.PFQ	966.M032.PFT	966.M064.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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