

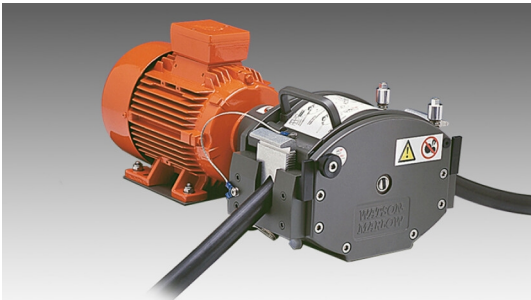
701FB with R pumphead



700 series close-coupled pumps

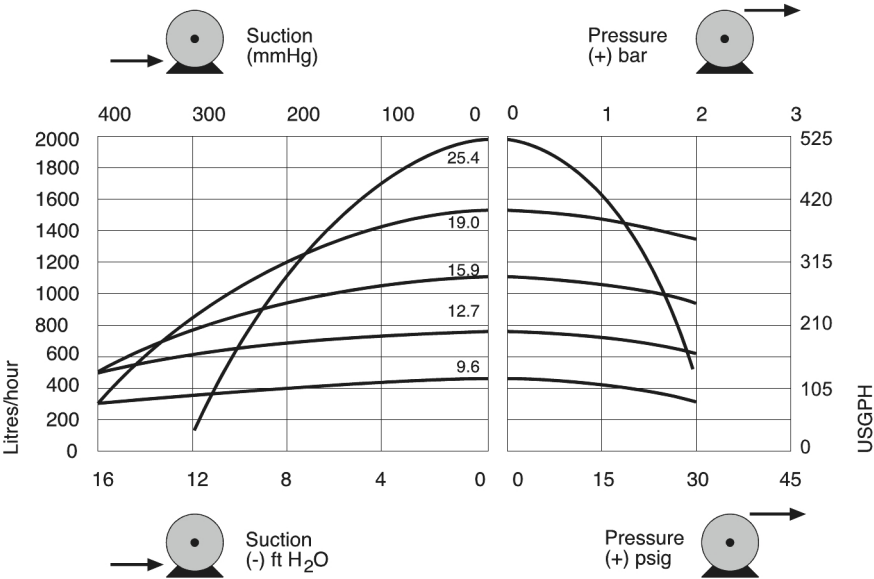
Features and benefits

- Flow rates up to 1,900L/h (8.4GPM) and up to 2 bar (30psi) peak pressure
- A choice of fixed speeds: 45 rpm, 134 rpm, 232 rpm and 348 rpm. Other speeds on request
- Continuous tubing in five bore sizes and six materials
- Rugged, chemical and knock-resistant finish; tool-unlockable track
- Driven occlusion rollers for longer tube life



701FB with R pumphead performance

Typical flow rates per pumphead L/h (USGPH)					
701R continuous tubing					
Speed (rpm)	9.6mm	12.7mm	15.9mm	19.0mm	25.0mm
45	52 (13.8)	97 (25.6)	140 (37)	190 (50.2)	249 (66)
134	156 (41.2)	290 (76.6)	400 (106)	560 (148)	744 (196)
232	270 (71.5)	500 (132)	700 (185)	970 (256)	1288 (340)
348	405 (107)	750 (198)	1000 (264)	1500 (396)	1935 (510)



Technical specifications

	701FB with R pumphead
Flow rate range	53 L/h to 1935 L/h
Max. operating pressure	2 bar (29 psi)
Motor types	Fixed speed motor
Standards	CE
Ingress Protection	IP55
Noise	<85dB(A) at 1m
Weight	41 kg (90 lbs)
Power supply	230/400V 50/60Hz 3 phase

Table lists details for fixed speed pumps. For more detail on drive, AC motor and inverter options please contact your local Watson-Marlow Fluid Technology Solutions representative.

Materials of construction

	701FB with R pumphead
Gearbox	Cast iron
Fixings	Stainless steel
Tube clamp assembly	Glass filled Nylon

Information listed covers the complete range of fixed speed pumps.
For detailed specifications of individual models/components and other drive/pumphead options, refer to user manual or contact WMFTS representative.

Product codes

Pump	Description	rpm	Power
070.5402.000	701FB/R Fixed speed	45	0.37kW
070.5412.000	701FB/R Fixed speed	134	0.37kW
070.5422.000	701FB/R Fixed speed	232	1.1kW
070.5432.000	701FB/R Fixed speed	348	1.1kW
Pumphead	Description		
073.0101.000	701RB Driven roller pumphead		
4.8mm wall tubing			
Bore/wall (mm)	Bioprene	Marprene	Pumpsil
9.6/4.8	933.0096.048	902.0096.048	913.0096.048
12.7/4.8	933.0127.048	902.0127.048	913.0127.048
15.9/4.8	933.0159.048	902.0159.048	913.0159.048
19.0/4.8	933.0190.048	902.0190.048	913.0190.048
25.4/4.8	933.0254.048	902.0254.048	
Bore/wall (mm)	STA-PURE Series PCS	STA-PURE Series PFL	Pureweld XL
9.6/4.8	961.0096.048	966.0096.048	
12.7/4.8	961.0127.048	966.0127.048	
15.9/4.8	961.0159.048	966.0159.048	
19.0/4.8	961.0190.048	966.0190.048	

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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