

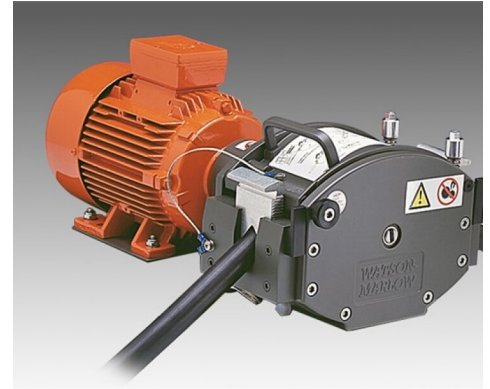
# 701FB with R pumphead



700 series close-coupled pumps

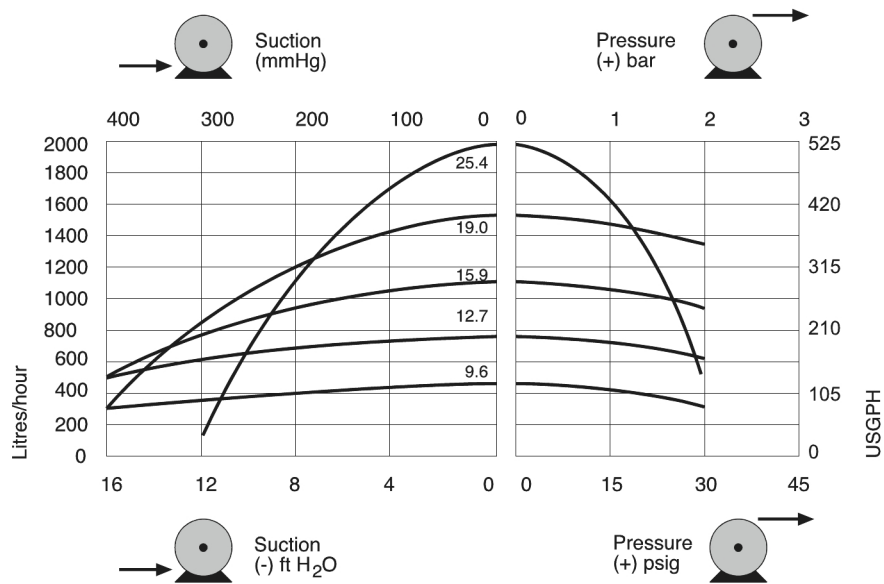
## Features and benefits

- 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)								
	701R continuous tubing					701RE LoadSure elements		
Fixed speeds	9.6mm	12.7mm	15.9mm	19.0mm	25.4mm	12.7mm	15.9mm	19.0mm
112rpm	130	240	340	470	620	240	340	470
360rpm	420	780	1100	1500	2000	780	1100	1500



## Technical specifications

	701FB with R pumphead
Max. flow rate	1935 L/h
Min. flow rate	53 L/h
Max. operating pressure	4 bar
Ambient Temperature Range	5 to 40 °C
Ambient Temperature Range	41 to 104 °F
Motor types	Fixed speed motor
Max. operating speed	348 rpm
Standards	CE
Ingress rating	IP55
Noise	<85dB(A) at 1m
Weight	41 kg
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
Pumphead body assembly	Aluminium alloy with epoxy polyester powder coat finish
Pumphead roller assembly	MoS2 filled Nylon 6 (Nylatron)
Pumphead rotor assembly	Aluminium, Stainless steel
Pumphead track	Aluminium alloy with epoxy polyester powder coat finish
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	Pureweld XL
9.6/4.8	933.0096.048	902.0096.048	913.0096.048	942.0096.048
12.7/4.8	933.0127.048	902.0127.048	913.0127.048	942.0127.048
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	942.0190.048
25.4/4.8	933.0254.048	902.0254.048		942.0254.048
Bore/wall (mm)	STA-PURE Series PCS	STA-PURE Series PFL		
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		

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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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