

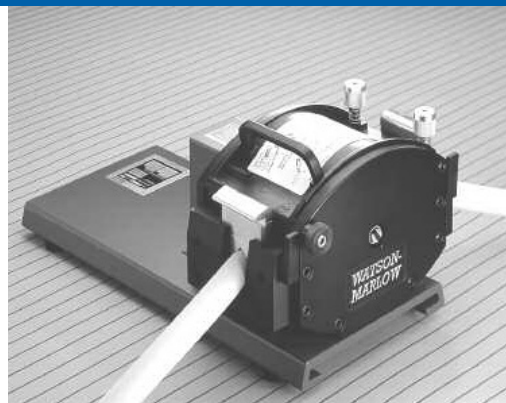
701B/R baseplate mounted bareshaft pumps

700series

Watson-Marlow Pumps

FEATURES

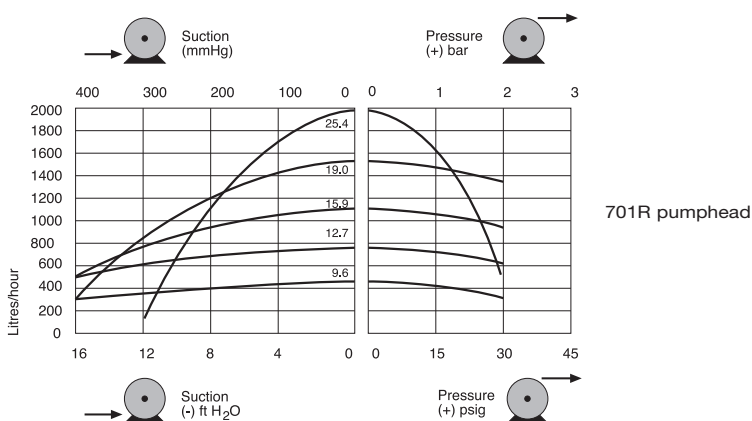
- Couples to customers own motor or motor gearbox
- Drive shaft with a 14mm diameter bareshaft and a machined flat
- Choice of three baseplate lengths
- Rapid and simple tube loading 701R pumphead accepts five tube bore sizes
- Driven-roller pumphead for extended tube life
- Accepts 701RX extension pumphead to double flow (dependant on drive torque/speed)
- One year comprehensive warranty



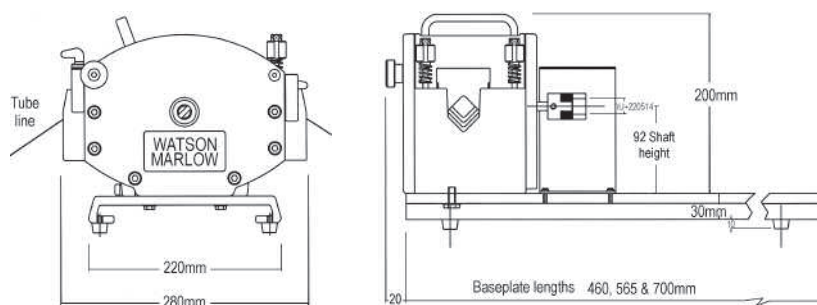
Watson-Marlow...Innovation in Full Flow

PERFORMANCE

Flow rates (ml/min)					
	Tube bore				
Speed rpm	9.6mm	12.7mm	15.9mm	19.0mm	25.4mm
7-360	19.4	36.1	50	70	93



DIMENSIONS



TECHNICAL SPECIFICATION

701B/R	
Weight	460mm 10.4kg 565mm 11.1kg 700mm 12.1kg
Operational temperature range	5C to 40C
Noise	Max <85dBA at 1m
Control ratio	10:1
Max rotor speed	360rpm
Torque	0bar 7kg cm 2bar 24kg cm

MATERIALS OF CONSTRUCTION

Component	Material
Drive	Customer specified
Rotor end plates	Aluminium
Cradle assembly, track	Aluminium epoxy finished-black
Central shaft	EN24 steel
Rollers	MOS ₂ filled Nylon 6 (Nylatron)
Sun gear	Mild steel zinc plated
Clamp release levers	Glass filled nylon
Springs, spindles	Stainless steel
Fixings	Stainless steel

ORDER INFORMATION

Product codes		
	Description	Product code
701B/R	baseplate mounted bareshaft + 701R pumphead for 4.8mm wall tube	070.0001.000
701B/R - 565mm	baseplate mounted bareshaft + 701R pumphead for 4.8mm wall tube	070.0051.000
701B/R - 700mm	baseplate mounted bareshaft + 701R pumphead for 4.8mm wall tube	070.0091.000

Tube ordering codes			
Bore/wall	Bioprene	Marprene	Platinum Silicone
9.6 / 4.8	903.0096.048	902.0096.048	913.A096.048
12.7 / 4.8	903.0127.048	902.0127.048	913.A127.048
15.9 / 4.8	903.0159.048	902.0159.048	913.A159.048
19.0 / 4.8	903.0190.048	902.0190.048	913.A190.048
25.4 / 4.8	903.0254.048	902.0254.048	913.A254.048
Bore/wall	Neoprene	STA-PURE®	Tygon
9.6 / 4.8	920.0096.048		
12.7 / 4.8	920.0127.048		
15.9 / 4.8	920.0156.048		
19.0 / 4.8	920.0190.048	960.0190.048	970.0190.048
25.4 / 4.8	920.0254.048	960.0254.048	

All flow rates shown were obtained pumping water at 20C (68F) with zero suction and delivery heads. Watson-Marlow, 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. LoadSure is a trademark of Watson-Marlow Limited. © STA-PURE PFL and © STA-PURE PCS are registered trademarks of W.L Gore & Associates Inc. Please state the product code when ordering pumps and tubing.



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