

501FDC/RL fixed speed DC pump

500series

Watson-Marlow Pumps

FEATURES

- High quality and powerful 12V direct current motor with purposed designed gearbox
- The pump provides a high torque output, speed and flow rate
- High quality pumphead with a spring loaded rotor assembly for optimal tube life and accurate flows
- Flow rates up to 2200ml/min (34.87 USGPH) with 8.0mm (0.32in) bore tubing



Watson-Marlow...Innovation in Full Flow

PERFORMANCE

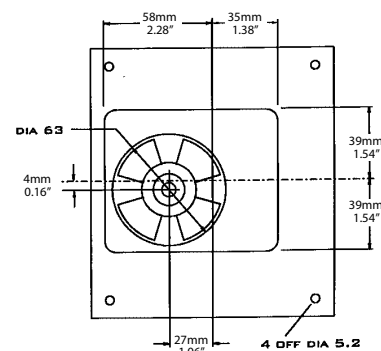
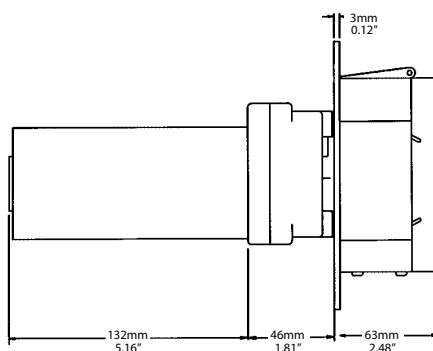
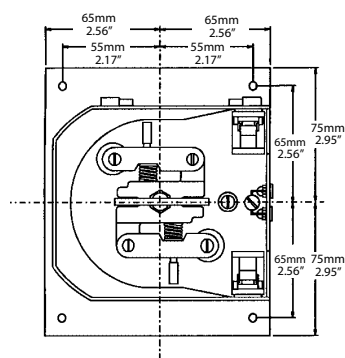
Flow rates 1.6mm wall tubing

	Speed (rpm)
Tube bore (mm)	220
0.5	8.80
0.8	26.4
1.6	94.6
3.2	403
4.8	891
6.4	1400
8.0	2200

TECHNICAL SPECIFICATION

501FDC/RL	
Motor type	12V direct current
Motor torque output	220rpm 14 kgcm
Motor consumption	35VA
Weight	3kg (6lb 10oz)
Brush life	2500hrs

DIMENSIONS



ORDER INFORMATION

Description	Supply	Speed (rpm)	Part code
501FDC/RL	12VDC	220	050.1931.100

All flow rates shown were obtained pumping water at 20°C (68°F) 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.

**WATSON
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Pumps

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