

300 series Peristaltic Pump Head Only

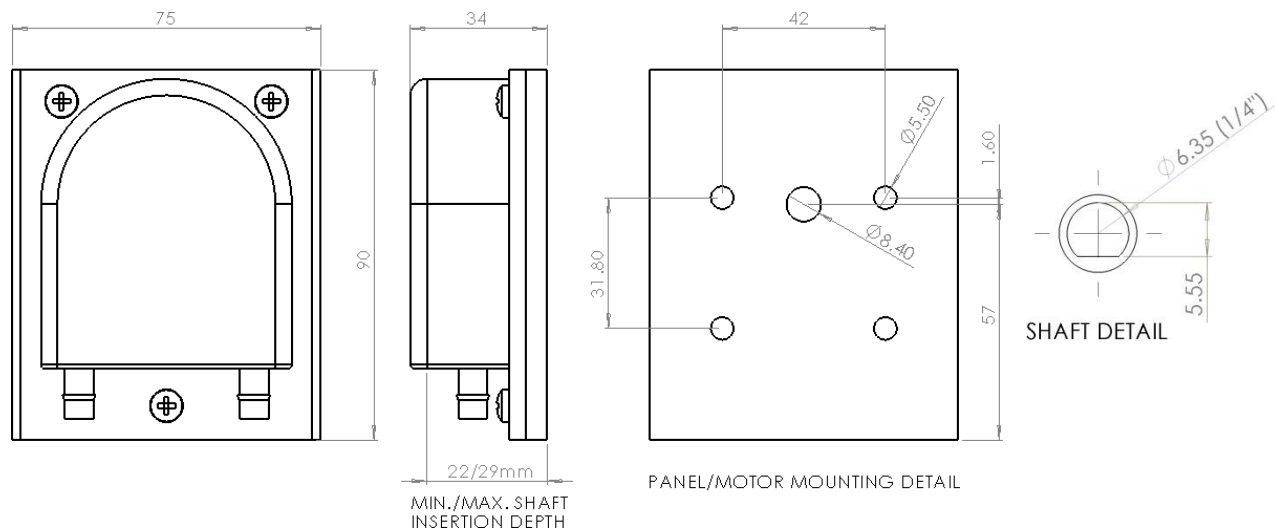


- Extremely long life
- Easy tube replacement
- Self priming to 3 metres

The 300 series range of peristaltic pumps has been designed to offer a low cost means of dosing a wide range of liquids. As with all peristaltic pumps they have excellent suction performance, are self priming up to 3m from dry and capable of pumping up to 12m head pressure. Peristaltic pumps offer a good level of accuracy and repeatability and as only the tube contacts the pumped media (apart from standard pump where the Nylon inlet/outlet moulding also contacts pumped media), they are corrosion resistant, easy to clean, extremely reliable and inexpensive to maintain.

Additionally the 300 series of pumps offer extremely long tube life because of their low friction needle bearing rollers and unique tube cantering roller cage. A special chemical resistant version (PP after part no) is also available that uses polypropylene tube fittings.

Dimensions (mm)



The Williamson Manufacturing Company Ltd provides no warranty on usage of pumps. We recommend that life tests be carried out prior to use. This information is given in good faith and believed to be correct at the time of publishing. The Williamson Manufacturing Company Ltd cannot accept responsibility for inaccuracy or any errors contained herein. Copyright the Williamson Manufacturing Company Ltd 2008.



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Materials

Materials of Construction	
Pump Body	Polypropylene
Pump cover	Polypropylene
Rotor	Aluminium (plated)
Needle bearing rollers	Stainless steel
Inlet/outlet moulding	10% glass filled polycarbonate

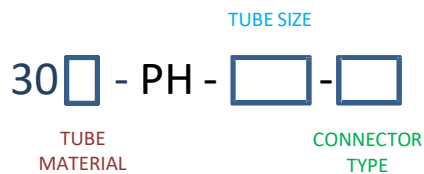
Flow

Tube Size	Silicone Tube	Santoprene	Viton®	Norprene Chemical®
3	1.1ml/rev	1ml/rev	0.8ml/rev	0.9ml/rev
5	2.2ml/rev	2ml/rev	1.6ml/rev	1.8ml/rev
6	3.2ml/rev	3ml/rev	2.4ml/rev	2.8ml/rev

Note: These figures are based on pumping water and are for guidance only. Flow rate is subject to tube tolerance, tube age, back pressure and fluid viscosity.

Part Numbers

DEVISE YOUR PRODUCT CODE USING THE PRODUCT CODES FROM THE TABLE (RIGHT) WHERE STATED BELOW.
(PLEASE NOTE EXCLUSIONS LISTED IN TABLE).



FOR EXAMPLE AN 300 SERIES PUMP HEAD WITH 5mm ID SILICONE TUBE & POLYPROPYLENE CONNECTORS WOULD BE:
300-PH-050-PP

OPTIONS	PRODUCT CODE
TUBE MATERIAL	
SILICONE	0
SANTOPRENE	1
VITON® (3 & 5mm TUBE ONLY)	2
NORPRENE CHEMICAL®	7
TUBE SIZE	
3.2mm ID (PP CONNECTORS ONLY)	030
4.8mm ID	050
6.4mm ID (NOT AVAILABLE IN VITON)	060
CONNECTOR TYPE	
POLYPROPYLENE STANDARD (NOT 3MM TUBE)	PP NO CODE

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