

300 series cased pumps

(last updated May 2019)



- **Long life tube life**
- **Long motor gearbox life**
- **Quiet Running**
- **Accurate fixed flow rate**
- **Capable of Continuous running**

As with all peristaltic pumps the 300 series cased has excellent suction performance, are self-priming up to 5 metres from dry and capable of pumping up to 15 m 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 centring roller cage. Coupled to this the motor gearboxes are built with ball bearings throughout which also offers exceptional longevity. A special chemical resistant version (PP after part no) is also available that uses polypropylene tube fittings.

The 300 series cased pumps are fitted with a 3 cable as standard suitable for wiring into a Fused Spur or fitting mains plugs (with Earth connection). Contact us for alternative options.

All our pumps are available with various options as detailed in the table below. If you can't see what you require please contact us to discuss further.

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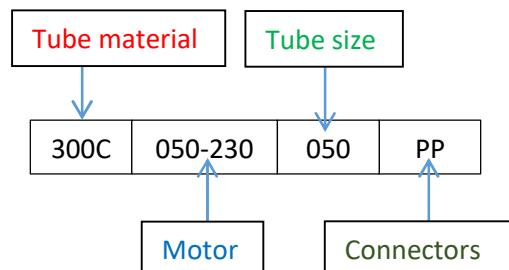
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Available options for 300 series pumps

	Product code
Tube material	
- Silicone	300C
- Santoprene	301C
- Viton	302C
Motor	
- 50rpm 230v	050-230
Tube size (mm)	
- 3	030
- 5	050
- 6	060
Connectors	
- Standard	(product code not required)
- PP	PP

300C-050-230-050-PP

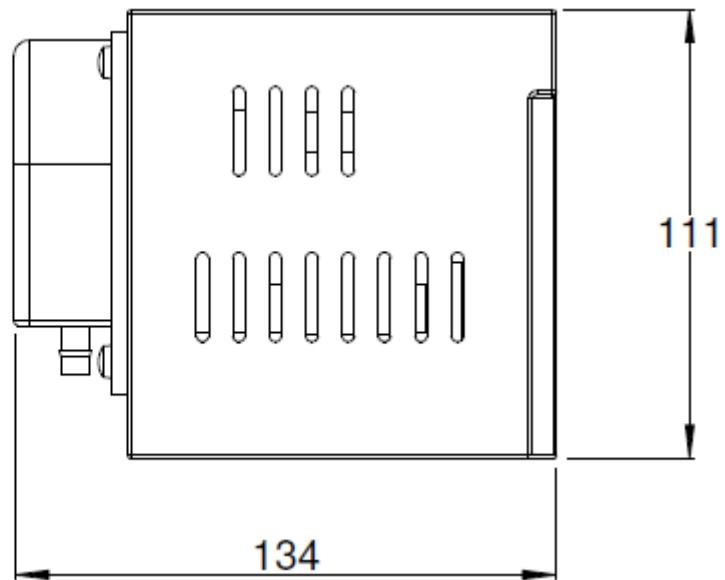
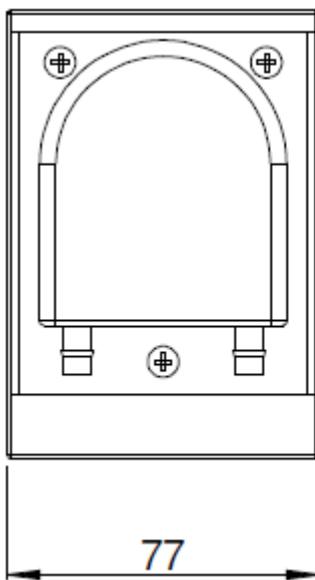
Example product code for a 300 series with a silicone tube, 50rpm 230v motor, 5mm tube and PP connectors.



Flow Rates for guidance only

subject to rotor speed, tube age and fluid viscosity.

	Silicone	Norprene	Viton
3mm	55ml/min	50ml/min	40ml/min
5mm	110ml/min	100ml/min	90ml/min
6mm	160ml/min	150ml/min	120ml/min



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