

100 SERIES with AC powered motor



- Very Compact
- Low Cost
- 3 Motor Speed Options
- Various Tube Materials/Sizes
- 2 or 4 Rollers
- Integral Tube Grips

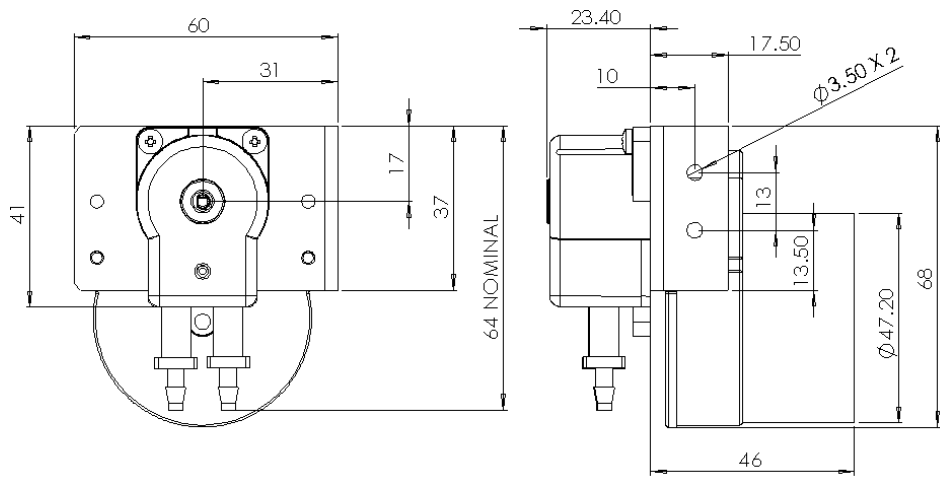


The 100 series, micro range of peristaltic pumps offer a low cost, compact & reliable means of dosing a wide range of liquids. They are available in various configurations of tubing type & size giving flow rates of between 0.016 & 0.26 ml/rev.

The pump head is designed to be disposable but is assembled using a single screw enabling dis-assembly & re-assembly for tube changing if required.

Important: These pumps are not suitable for use in wet or high humidity areas and should be fitted by a suitably qualified person.

DIMENSIONS (mm)

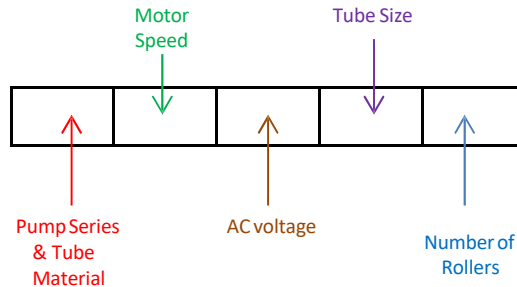


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New 100 series pump head only

Devise your product code by using codes from the table on the right where stated below.



102-015-230-016/4

Example product code for 100 series pump head fitted with Viton® tubing, 15 RPM, 230v AC, 1.6mm ID tubing & 4 rollers

Motor specifications:

50/60Hz 5w. Dielectric strength 2000v AC 1 sec.
Insulation Class E. Reliability 5×10^6 Starts(min)

	Product Code
Pump Series and Tube Material	
Silicone	100
Tygon® A60F Norprene	101
Viton®	102
Tygon Chemical® Norprene (3mm tube size only)	107
Motor Speed RPM (based on 50Hz)	
8	-008
15	-015
30	-030
AC Voltage	
115v (minimum order quantity of 48 units)	-115
230v	-230
Tube Size (bore) mm	
0.8	-008
1.6	-016
3.0	-030
Number of rollers	
2	/2
4	/4

Materials of construction

Body & Back Plate	Rotor	Rollers	Bracket
SAN	POM	Stainless Steel	Zintec

Flow Rates ml per revolution

Flow rates for guidance only and subject to tube tolerance, tube age, fluid viscosity & back pressure.

No of Rollers	0.8mm ID Tube			1.6mm ID Tube			3.0mm ID Tube			
	SIL	A60F	Viton	SIL	A60F	Viton	SIL	A60F	Viton	Tygon Chemical
2	0.03	0.027	0.025	0.1	0.09	0.08	0.26	0.2	0.18	0.19
4	0.02	0.02	0.016	0.08	0.07	0.06	0.22	0.16	0.14	0.15

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