

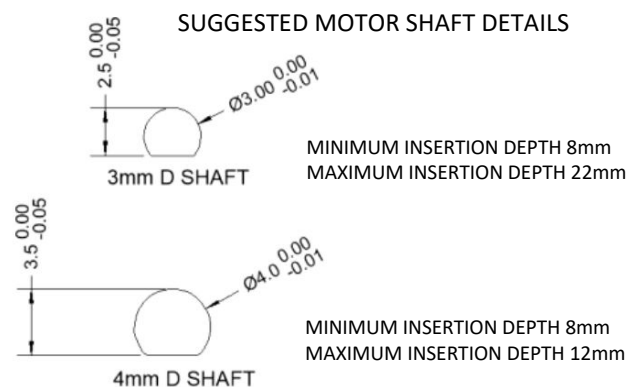
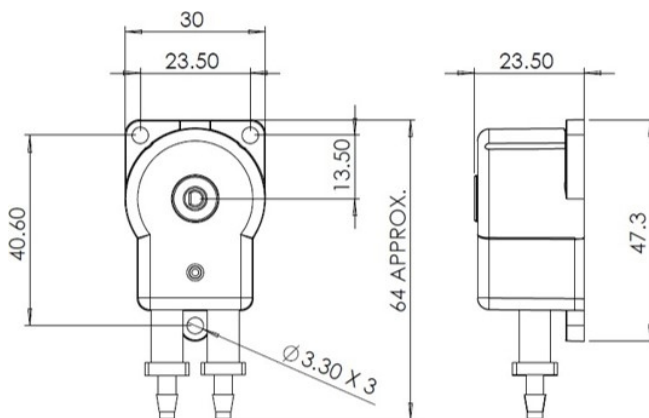
100 SERIES pump head only

- Very Compact
- Low Cost
- Various Tube Materials/Sizes
- 2 or 4 Rollers
- Integral Tube Grips
- Suitable for 3mm or 4mm D shafts



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

DIMENSIONS (mm)

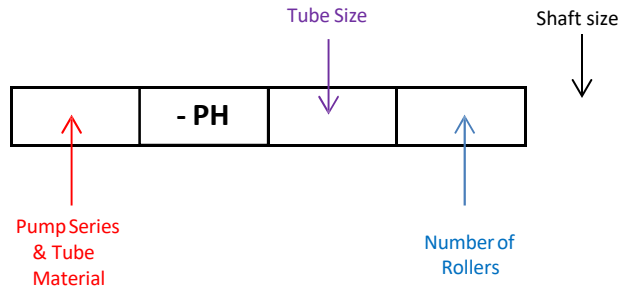


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New 100 series pump head only

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



102-PH-016/4 -4mm

Example product code for 100 series pump head fitted with Viton® tubing, 1.6mm ID tubing, 4 rollers suitable for 4mm D shaft

| | Product Code |
|---|--------------|
| Pump Series and Tube Material | |
| Silicone | 100 |
| Tygon® A60F Norprene | 101 |
| Viton® | 102 |
| Tygon Chemical® Norprene (3mm tube size only) | 107 |
| Tube Size (bore) mm | |
| 0.8 | -008 |
| 1.6 | -016 |
| 3.0 | -030 |
| Number of rollers | |
| 2 | /2 |
| 4 | /4 |
| Motor Shaft size | |
| 3mm D | -3mm |
| 4mm D | -4mm |

Materials of construction

| Body & Back Plate | Rotor | Rollers |
|-------------------|-------|-----------------|
| SAN | POM | Stainless Steel |

Flow Rates ml per revolution

| 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 |

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

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