



VERDERFLEX OEM

Any questions? You may still have questions and/or comments after reading this brochure. Please feel free to contact us on +44 (0)1924 221 020 You can also respond via email to info@verderflex.com. For more information about Verderflex please visit our website www.verderflex.com

M025 Pumps



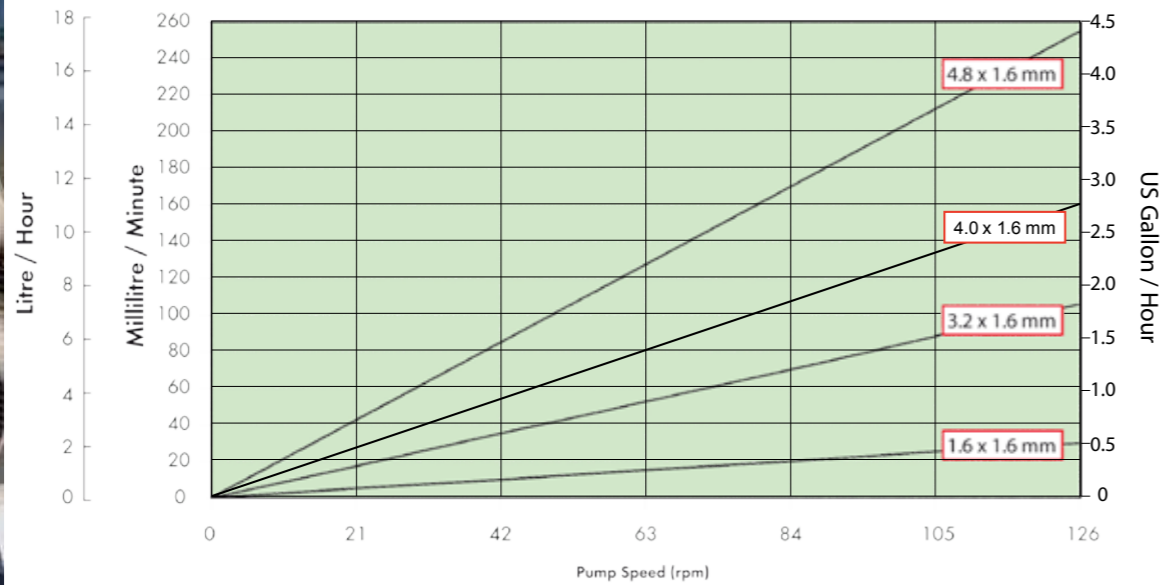
M025

2 roller design for low flow dosing applications and intermittent duty. A low cost option for light duty operation.

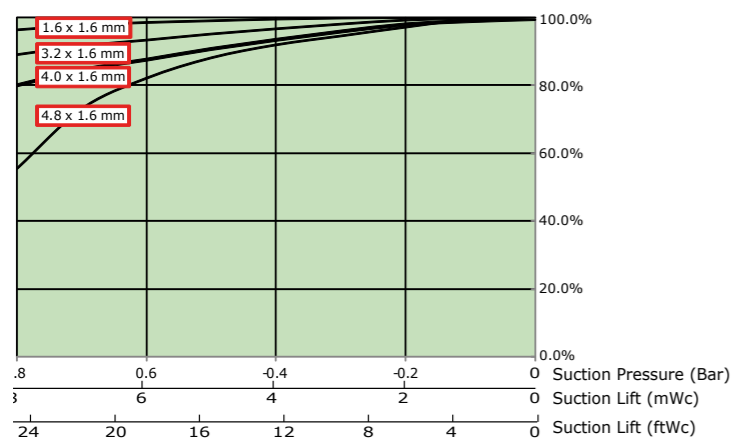
- Flow rates up to 260 ml/min (4.1 US GPH)
- D.C. motor provides speed/flow rate variations
- Typically used in:
 - Air conditioning
 - Refrigeration
 - Condensate removal



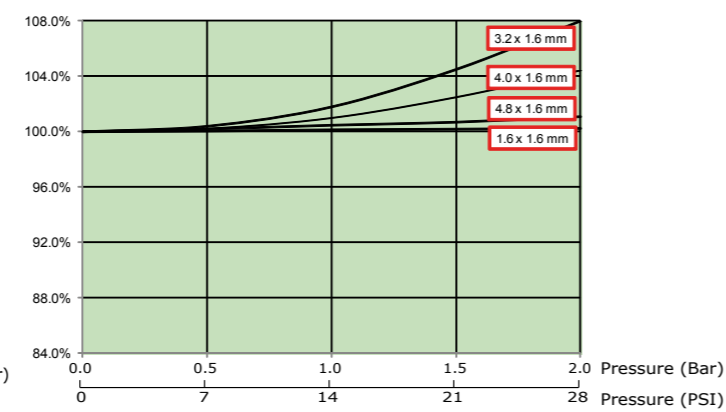
M025 Free Flow Curve



Suction



Discharge



Flow rates with water at 20 °C (68 °F)

Technical Overview

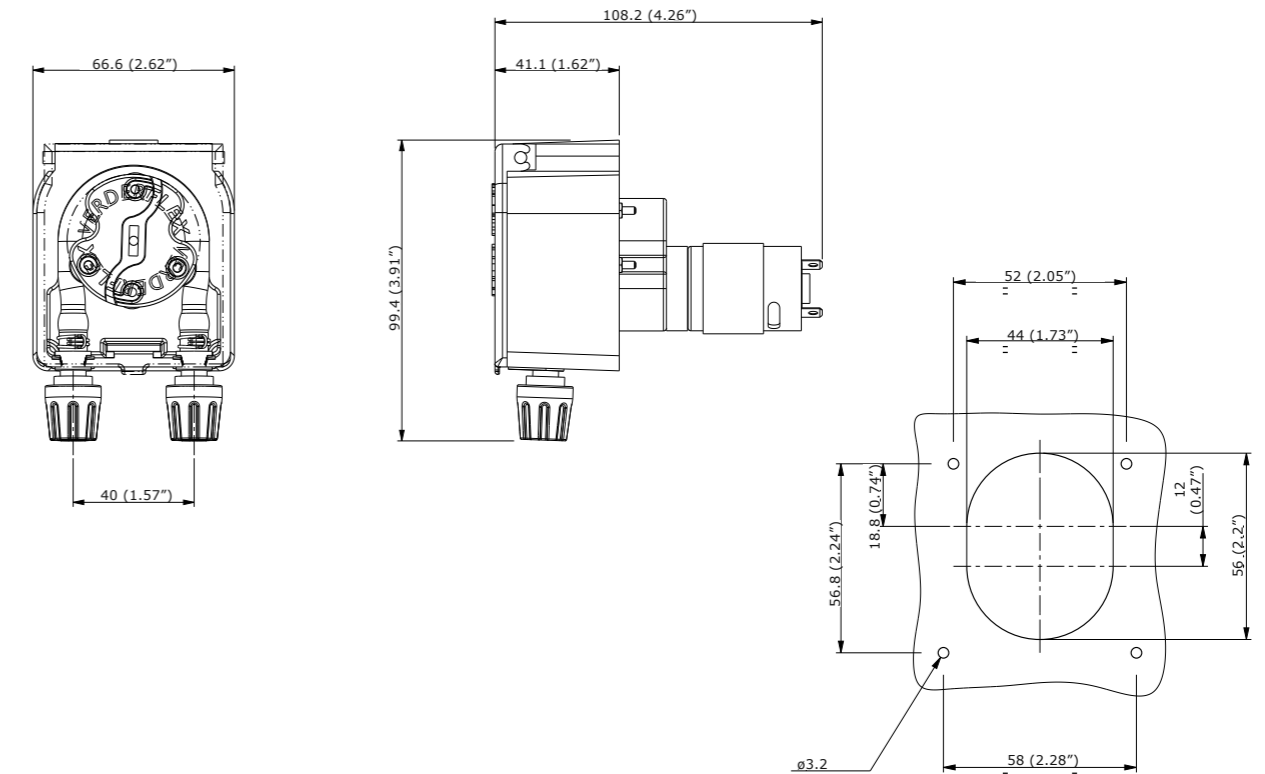
| Function | Detail |
|--------------|--|
| Pump head | Polycarbonate/ABS blend (blue) with clear-hinged polycarbonate cover |
| Motor | Permanent magnet with spur gearbox |
| Rotor | 2 roller with rapid tube loading feature |
| Options | 3 roller option |
| Power Supply | 12/24V D.C. 15W |
| Tube | Verderprene, Silicone, Viton®, Tygon® |
| Tube Sizes | 1.6 x 1.6mm, 3.2 x 1.6mm, 4.0 x 1.6mm, 4.8 x 1.6mm |
| Weight | 0.4 kg (0.9 lb) |

Tube Size Options

| Tube (ID x WT) | 15 RPM | 30 RPM | 60 RPM | 120 RPM |
|------------------------------|------------------------------------|--------------------|--------------------|---------------------|
| 1.6 x 1.6 mm (1/16" x 1/16") | 3.6 ml/min 0.2 l/hr 0.05 GPH | 7.2 0.4 0.1 | 14.4 0.8 0.2 | 28.8 1.7 0.5 |
| 3.2 x 1.6 mm (1/8" x 1/16") | 12.6 ml/min 0.8 l/hr 0.2 GPH | 25.2 1.5 0.4 | 50.4 3.0 0.8 | 100.8 6.0 1.6 |
| 4.0 x 1.6 mm (5/32" x 1/16") | 18.8 ml/min 1.1 l/hr 0.3 GPH | 37.5 2.3 0.6 | 75.0 4.5 1.0 | 150.0 9.0 2.0 |
| 4.8 x 1.6 mm (3/16" x 1/16") | 30 ml/min 1.8 l/hr 0.5 GPH | 60 3.6 1.0 | 120 7.2 1.9 | 240 14.4 3.8 |

Flow rates for 2 roller option

General Arrangement Drawing and Mounting Positions



All dimensions in millimetres and inches