



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





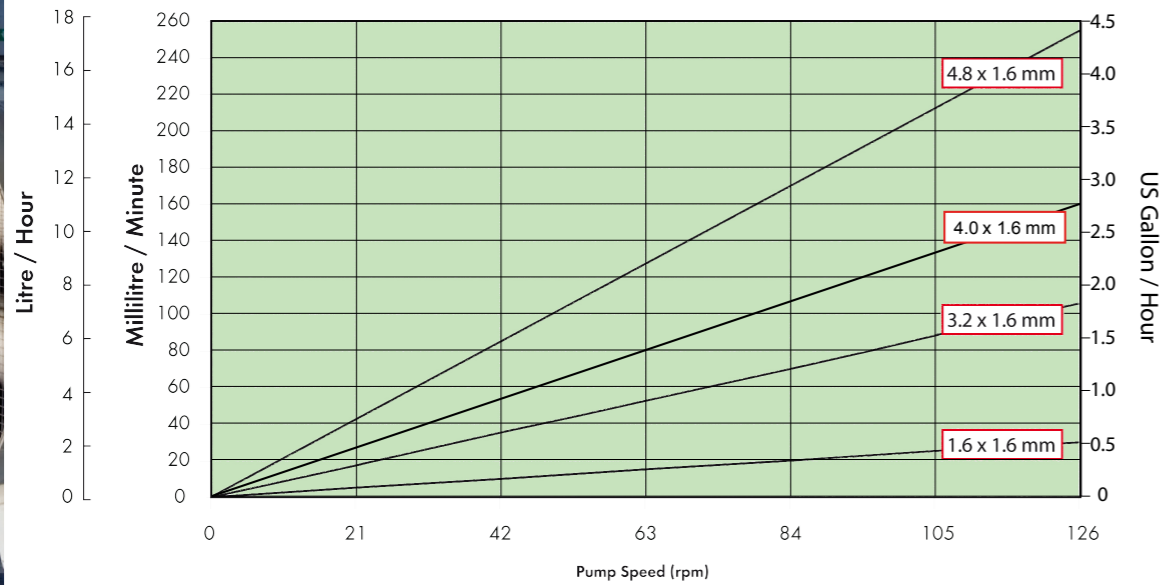
M025

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

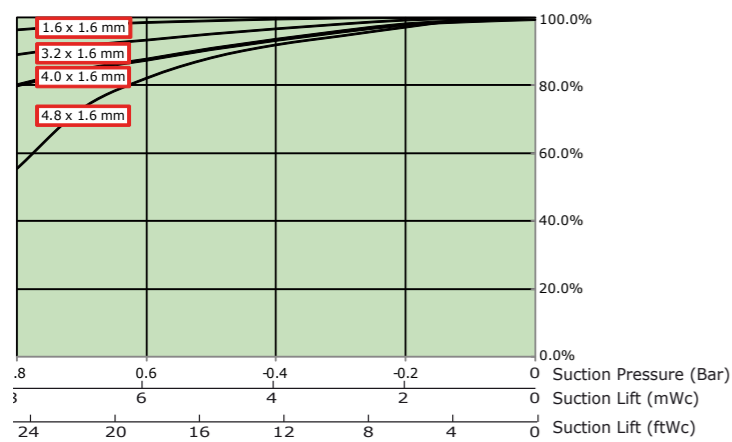
- Flow rates up to 260 ml/min (4.1 US GPH)
- D.C. motor provides speed/flow rate variations
- Typically used in:
 - Air conditioning
 - Refrigeration
 - Condensate removal



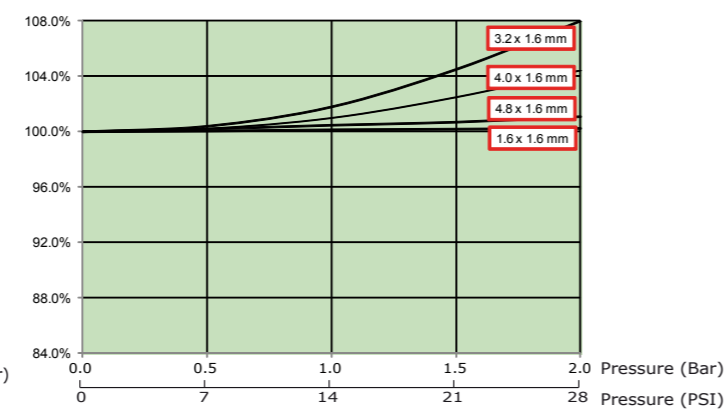
M025 Free Flow Curve



Suction



Discharge



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

Technical Overview

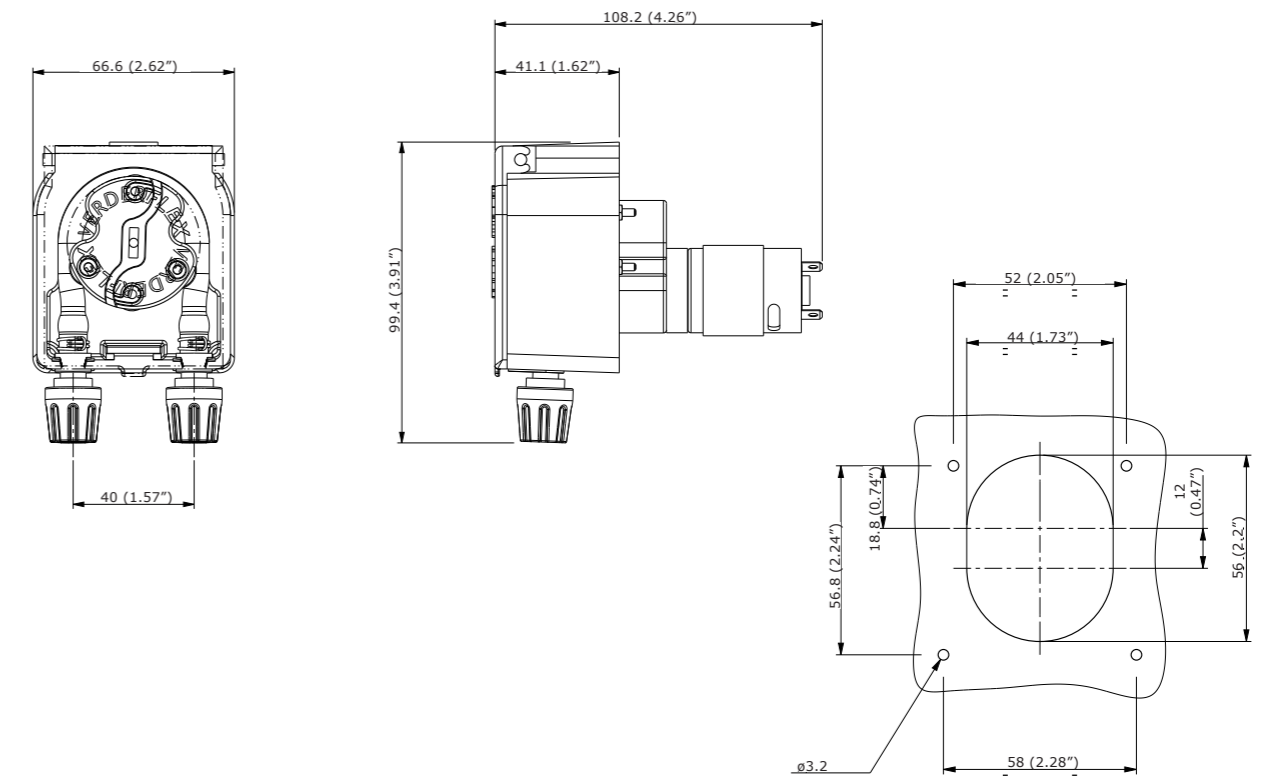
Function	Detail
Pump head	Polycarbonate/ABS blend (blue) with clear-hinged polycarbonate cover
Motor	Permanent magnet with spur gearbox
Rotor	2 roller with rapid tube loading feature
Options	3 roller option
Power Supply	12/24V D.C. 15W
Tube	Verderprene, Silicone, Viton®, Tygon®
Tube Sizes	1.6 x 1.6mm,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