

VERDER M045 Peristaltic Pump

1.6, 3.2, 4.0 mm ID Tube Sizes, Flow Rate To 60 ml/min (0.9 GPH)

DESCRIPTION

Model M045 is a versatile peristaltic pump ideal for a wide range of intermittent or continuous slow feed applications.

Designed with the Original Equipment Manufacturer in mind, the pump is a compact packaged and light in weight. A selection of tubing materials, motor choices and options address a range of media compatibility and performance issues.

SPECIFICATIONS

Pump Head: Polycarbonate/ABS blend (blue) with clear-hinged polycarbonate cover

Rotor: 2 roller with rapid tube loading feature, polycarbonate

Motor: Permanent magnet 12VDC or 24VDC; 110 VAC 60 Hz, 230 VAC, 50 Hz (call for available AC models)

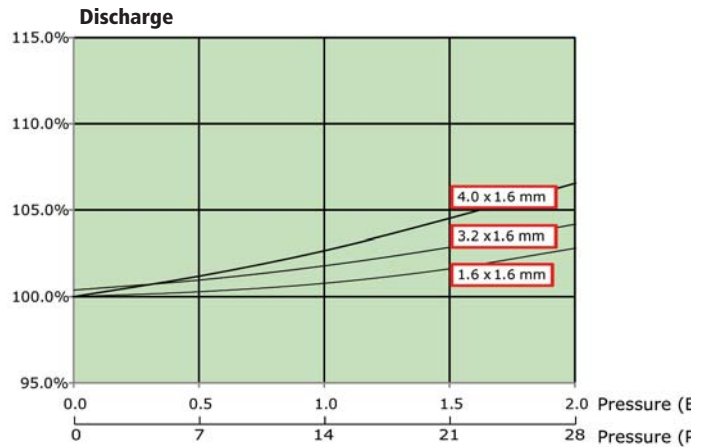
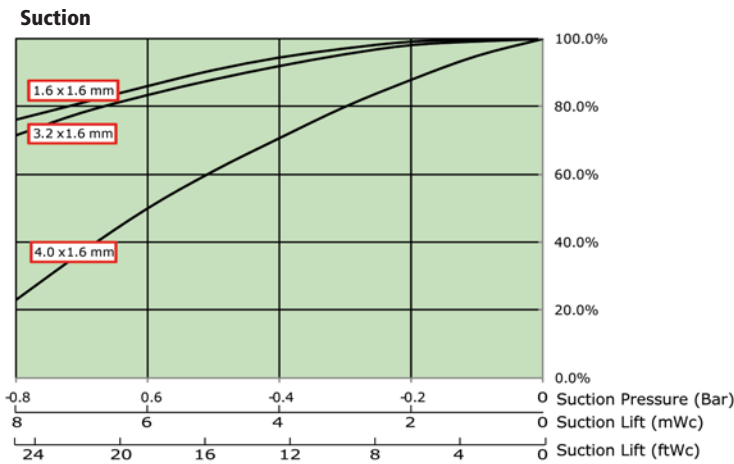
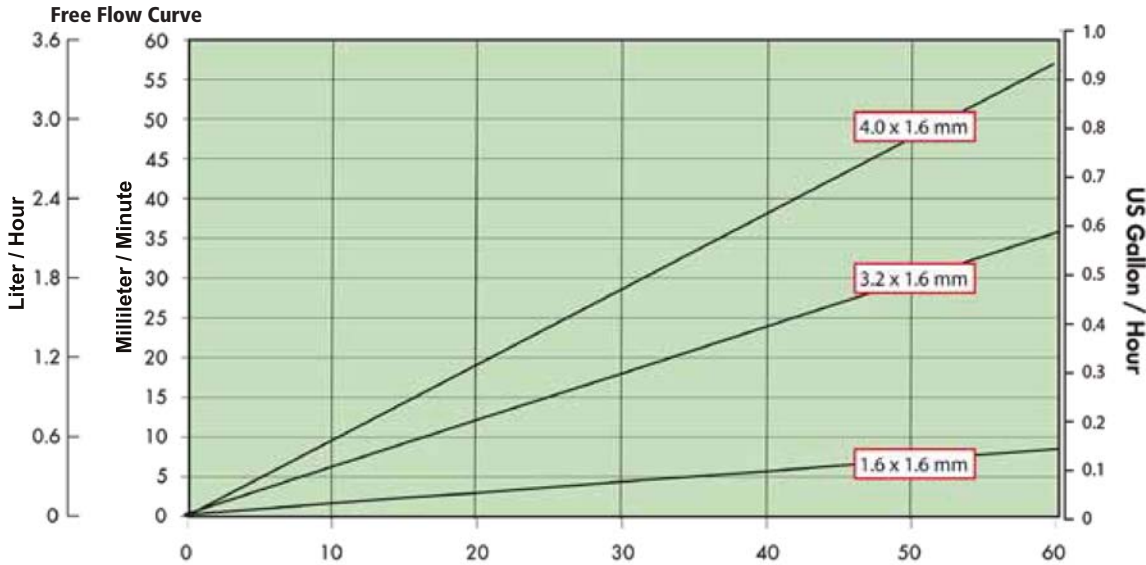
Power- 3.6 watts DC, 20 watts AC

Ovoid Gearbox Speeds (RPM): 30 or 60

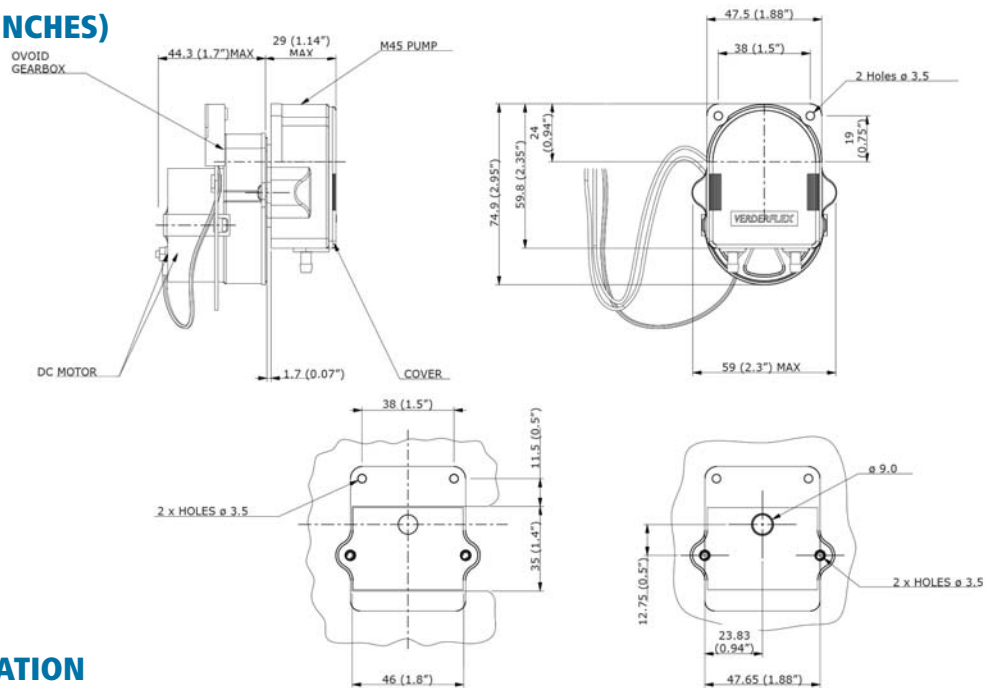
Options: 3-roller

Tube: Silicone, Verderprene®; Polypropylene tube connectors provided

Tube Sizes (I.D x Wall Thickness) 1.6 x 1.6 mm, 3.2 x 1.6 mm, 4.0 x 1.6 mm



DIMENSIONS (MM, INCHES)



ORDERING INFORMATION

Pump Part Number Selection Table- Part number Includes Pump, Motor, Tube & Tube Connector

Speed (rpm)	Motor Voltage	Tube Material	Tube Size (ID)	Part Number
30 rpm	12V DC	VERDERPRENE	1.6 mm	AU M451630 04 C
			3.2 mm	AU M453030 11 C
			4 mm	AU M454030 30 C
		SILICONE	1.6 mm	AU M451630 01
			3.2 mm	AU M453030 02
			4 mm	AU M454030 02 C
	24V DC	VERDERPRENE	1.6 mm	AU M451630 08 C
			3.2 mm	AU M453030 08 C
			4 mm	AU M454030 12 C
		SILICONE	1.6 mm	AU M451630 03 C
			3.2 mm	AU M453030 10
			4 mm	AU M454030 08 C
60 rpm	12V DC	VERDERPRENE	1.6 mm	AU M451660 01 C
			3.2 mm	AU M453060 01 C
			4 mm	AU M454060 02 C
		SILICONE	1.6 mm	AU M451660 02 C
			3.2 mm	AU M453060 03 C
			4 mm	AU M454060 01 C
	24V DC	VERDERPRENE	1.6 mm	AU M451660 03 C
			3.2 mm	AU M453060 12 C
			4 mm	AU M454060 09 C
		SILICONE	1.6 mm	AU M451660 05 C
			3.2 mm	AU M453060 08 C
			4 mm	AU M454060 04 C

Replacement Tubes Including Tube Connectors (1.6 mm Wall Thickness)			
Part Number	Tube Material	Tube I.D. (mm)	Hose Barb Connector
AU E0583	VERDERPRENE	1.6	4.2 mm
AU E0564	VERDERPRENE	3.2	4.2 mm
AU E0761	VERDERPRENE	4.0	4.2 mm
AU E0645	SILICONE	1.6	4.2 mm
AU E0565	SILICONE	3.2	4.2 mm
AU E0554	SILICONE	4.0	4.2 mm

Spare Parts	
Part Number	Description
AU E0484 02	M045 2R ROTOR ASSY 1.6 ID TUBE
AU E0484 03	M045 2R ROTOR ASSY - 3.2 / 4.0 ID TUBING
AU E0485 C	M045 CYCOLOY HOUSING
AU E0486	M045 FRONT COVER