

Thermo Scientific Masterflex® P/S

Industrial Process Drives



Masterflex P/S Series

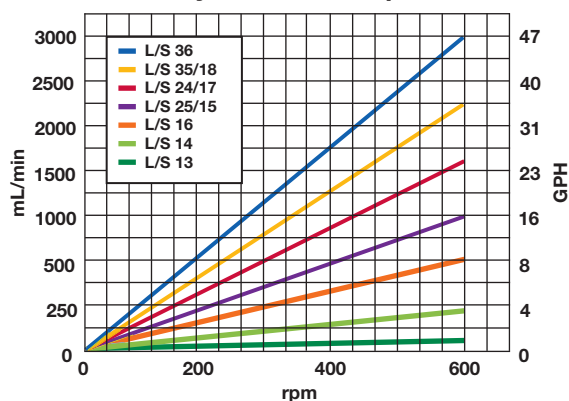


- Flow range: 0.1 to 3400 mL/min (up to 54 GPH)
- Washdown for industrial process applications
- IP66 and NEMA 4X rated. Electropolished 316 SS housing is protected from dust, water, and most chemical attacks.
- Ideal for metering applications in process and washdown environments, including pharmaceutical, food & beverage, chemical, and water treatment
- Brushless, reversible motor is quiet, efficient, maintenance-free, and easy to install
- Precise PWM speed control for $\pm 0.25\%$ accuracy
- Membrane keypad for easy programming
- Calibrate system to maximize display accuracy
- Remote control for integration into automated processes
- Five-digit LED display
- Display flow/volume in English or metric units

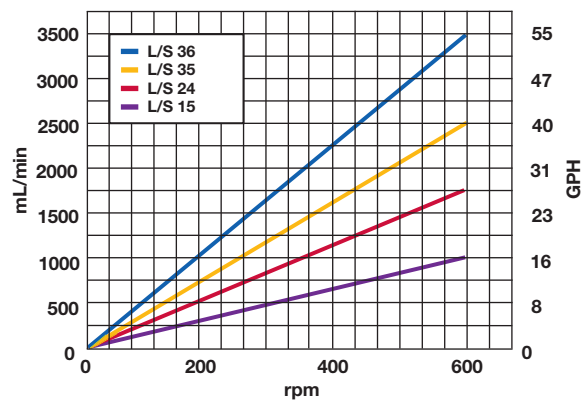


P/S 3

Flow Curves
L/S Easy-Load® II Pump Head



Flow Curves
L/S High-Performance Pump Head



Specifications & Ordering Information

Catalog number	975-3010	975-3110	975-3510
Included pump head	Easy-Load II (thin wall)	Easy-Load II (thick wall)	High-Performance (thick wall)
Number of heads accepted	2		1
rpm	1 to 600		
External control—input	Scaleable 4 to 20 mA, 0 to 10 V, 0 to 20 mA, direction, start/stop, prime		
External control—output	Scaleable 0 to 20, 4 to 20, 0 to 100, TTL pulse		
Voltage (50/60 Hz)	90 to 130 VAC and 190 TO 260 VAC (self-sensing)		
Motor type	Brushless, continuous duty, maintenance-free		
Speed control type	PWM		
Digital display	Five-digit LED		
Operating temperature	0 to 40°C (32 to 104°F)		
Storage temperature	-25 to 65°C (-13 to 149°F)		
IP rating	IP 66		
Agency approvals	UL, cUL, CE		
Dimensions (L x W x H)	38.1 cm x 23 x 24 (15" x 9" x 9 1/4")		
Shipping weight	12.3 kg (27 lb)		