

Thermo Scientific Masterflex® P/S

Variable-Speed Hazardous-Duty Drives



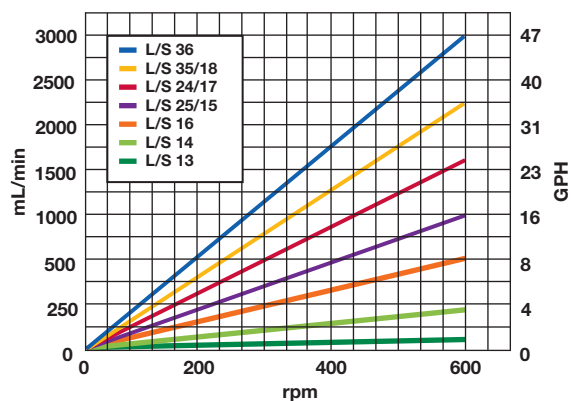
Masterflex P/S Series

Hazardous-duty drive
955-1730 includes an
Easy-Load® II pump head

- Deliver flow rates from 0.6 to 2450 mL/min (up to 40 GPH)
- 115 VAC motor: UL-listed for Class 1, Division 1 Group D, and Class 2, Div 1 Group E, F and G hazardous locations
- 230/400 VAC, 3-phase motor: EEx-d IIBT4 rating
- Ideal for areas that require special electrical precautions



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



P/S 15

Catalog Number	955-1630	956-1630	965-1630	955-1730	956-1730	965-1730
Flow capacity (mL/min)	0.6 to 1650	17 to 2075	18 to 2450	0.5 to 1380	14 to 1740	15 to 2040
Included pump head	Easy-Load® II (thin wall)	Easy-Load® II (thick wall)	High-Performance	Easy-Load® II (thin wall)	Easy-Load® II (thick wall)	High-Performance (thick wall)
Number of heads accepted	2		1	2		1
rpm	10 to 430			8 to 360		
Max torque	20 kg-cm (270 oz-in)					
Reversible	No (CCW from front)					
Voltage/Frequency VAC (Hz) – Phase	115 (60) – 1f			230/400 (50) – 3f		
Current	4.7 A			1.4/0.85 A		
Motor size	190 W (¼ hp)			375 W (½ hp)		
Motor type	Class 1, Div,1 Grp D, Class 2, Div 1, Grp EFG			Eex-d-IIBT4		
Motor/speed control type	Mechanical (zero-max) with lever					
Operating temperature	1 to 40°C (34 to 104°F)					
Storage temperature	–45 to 60°C (–49 to 140°F)					
IP rating	IP55					
Agency approvals	UL, cUL, CE					
Dimensions (L x W x H)	56 cm x 34.6 cm x 22.3 cm (22¼" x 13¾" x 8¾")					
Shipping weight	27.4 kg (61 lb)		28.2 kg (62 lb)	27.4 kg (61 lb)		28.2 kg (62 lb)