



## Flow ranges, LPM (GPM)

Motor rpm	Masterflex I/P precision tubing sizes			I/P high-performance precision tubing sizes*		
	I/P 26	I/P 73	I/P 82	I/P 70	I/P 88	I/P 89
20 to 650	0.12 to 4 (0.03 to 1.0)	0.2 to 8 (0.05 to 2.1)	0.4 to 13 (0.01 to 3.5)	0.24 to 8 (0.07 to 2.1)	0.5 to 15 (0.11 to 3.4)	0.52 to 17 (0.14 to 4.5)

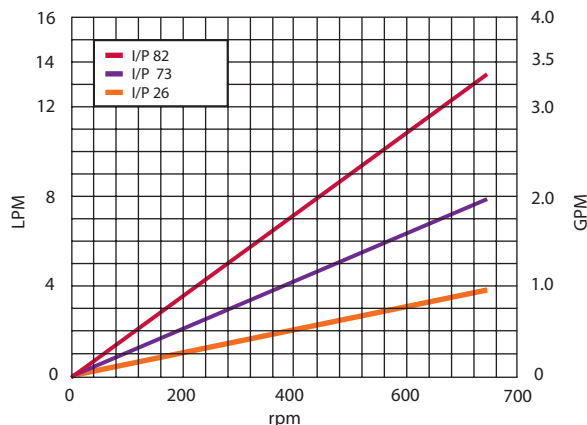
\* Use High-performance precision tubing with High-Performance Pump Head only.

## Specifications & Ordering Information

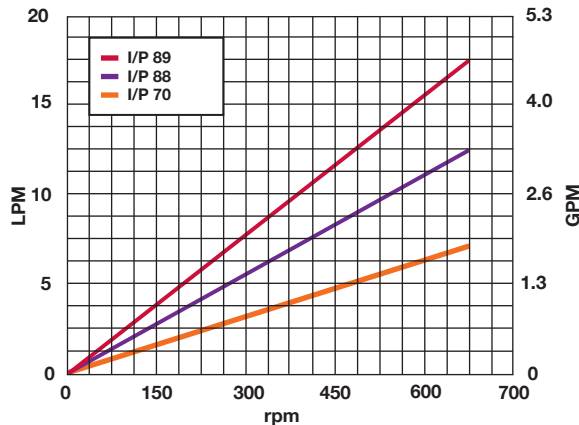
Catalog number	950-2010	950-2015	960-2010	960-2015
Included Pump Head	EASY-LOAD		High-Performance	
Number of heads accepted	2		1	
rpm	20 to 650			
External control, input	0 to 20 mA, 4 to 20 mA, or 0 to 10 V DC/Contact closure: direction/start/stop			
External control, output	0 to 20 mA, 4 to 20 mA, or 0 to 10 VDC, or TTL pulse			
Voltage (50/60 Hz)	90 to 130 V AC	190 to 260 V AC	90 to 130 V AC	190 to 260 V AC
Motor type	Continuous duty, TENV <sup>†</sup> , permanent magnet DC			
Speed control type	Membrane keypad/microprocessor			
Speed regulation (repeatability)	±0.3% (±2 rpm)			
Digital display	4-digit, 7-segment LED display			
Operating temperature	0 to 40°C (32 to 104°F)			
Storage temperature	-45 to 65°C (-49 to 149°F)			
IP rating	IP56 controller, IP 34 motor			
Agency approvals	UL, cUL, CE			
Controller dimensions (L x W x H)	35.9 x 14.1 x 15.2 cm (14 1/8 x 5 9/16 x 6")			
Motor footprint dimensions (L x W x H)	35.9 x 14.1 x 15.2 cm (14 1/8 x 5 9/16 x 6")			
Shipping weight	12.8 kg (27 lb)		14.3 kg (32 lb)	

<sup>†</sup>Totally enclosed, non-ventilating.

**Flow Curves**  
I/P EASY-LOAD® Pump



**Flow Curves**  
I/P High-Performance Pump



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