I/P[®] High-Performance Pump Heads Get higher flow rates and pressure ratings

- Easily transfer viscous fluids
- Pump up to 19 LPM for higher volume processing
- Durable design for longer life made of stainless steel rollers, bearings, rotor plates, and rotor shaft. Occlusion bed is made of thermoset polyester
- Compatible with I/P drives that accept two or more pump heads; pump head is not stackable

FEATURES

- ✓ Easy to load tubing
- ✓ Adjustable tubing retention
- ✓ "C"-shaped design—tubing enters/exits the same side
- ✓ ATEX Zone 2 rated model available

SO9001:2008

ATEX



Wait! There's More... For our complete selection of Masterflex®

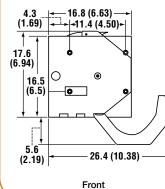
I/P[®] pump tubing, see pages 727-732.

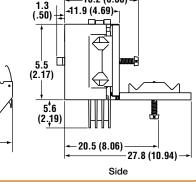
Drive torgue requirements to obtain 19 LPM

				CERTIFIED	Zone 2 77600-82
Pump	mL	Flow rates	Maximum	Catalog number [†]	
tubing sizes accepted	per rev	(LPM) at 20 to 650 rpm	system psi (bar)	Polyester and SS housing, SS rotor	ATEX-approved; polyester and SS housing, SS rotor
I/P 70	12.3	0.26 to 8	40 (2.7)		
I/P 88	26.2	0.4 to 17	35 (2.4)	<u>GY-77600-62</u>	<u>GY-77600-82</u>
I/P 89	29.2	0.52 to 19	20 (1.4)		

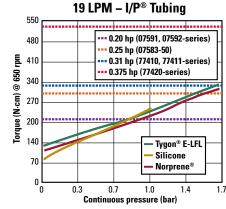
[†]SS = stainless steel

I/P® High-Performance Pump Dimensions—dimensions in cm (in.)





–16.2 (6.38) –



Choose a drive based on your desired flow rate, the pressure in your application, and the type of tubing being used. For example, if you need 19 LPM at 20 psi and you are using Norprene® tubing, you need a drive that supplies 0.25 hp (07583-50).



Rotate tubing retainer knob counterclockwise to release retainer, then open cover. Lift latch to open occlusion bed.



Mounted on side

Insert tubing into bed with both ends of the tubing extending through notches.



Loading Your Masterflex I/P Pump Head

Mounted on side

Press occlusion bed against the tubing, snap the latch closed. Pull tubing around the rotor, close cover, rotate retainer knob clockwise until tube no longer moves.

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