

350 Series Pump Head

- Flow rates:- 0.06 mL/rev to 5.4 mL/rev
- Flip up lid and sliding occlusion bed allows for fast and easy, tool free, tubing changes
- Transparent cover provides visibility of rotor movement
- Automatic tubing retention
- Accepts continuous tubing for clean fluid paths
- Side and bottom tubing entry ports for versatility
- Heavy-duty stainless-steel rotor
- Friction-reducing Nylatron® rollers



Description

The 350 Series pump head is designed for those wishing to utilize their own drive system.

The pump accepts tube six tube bores ranging from 7.9mm (5/16") to .8mm (1/32") and can be configured to run either 1.6mm (1/16") or 2.4mm (3/32") wall tubing. With a simple flip of the lid, the tubing can be rapidly loaded and automatically retained.

Standard and custom drive shafts are available to make the pump a direct, bolt-on replacement for many competing pump heads in this class.

Flow Rates

Tube Bore Dia	8mm	6mm	5mm	3mm	1.6mm	0.8mm
mL per revolution	5.4	3.8	2.3	1.1	0.27	0.06

Flow rates are approximate and will be effected by tube material, tolerances, fluid viscosity & back pressure.

Specification

Maximum tube bore size	1.6mm wall = 8mm Bore 2.4mm wall = 6.4mm Bore
Maximum operating speed	600 rpm
Duty cycle	Continuous
Maximum Outlet pressure	25 PSI

Materials of Construction

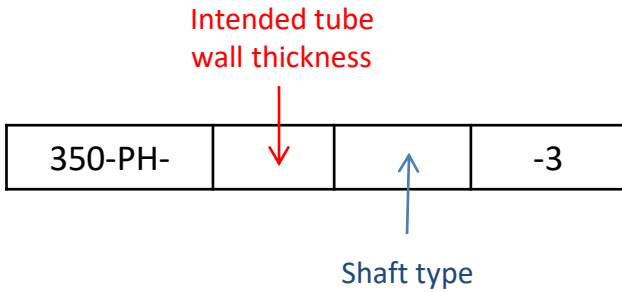
Pump Head	Polycarbonate & IXEF
Roller Material	Nylatron
Rotor Material	SS
Ball Bearings	SS Sealed

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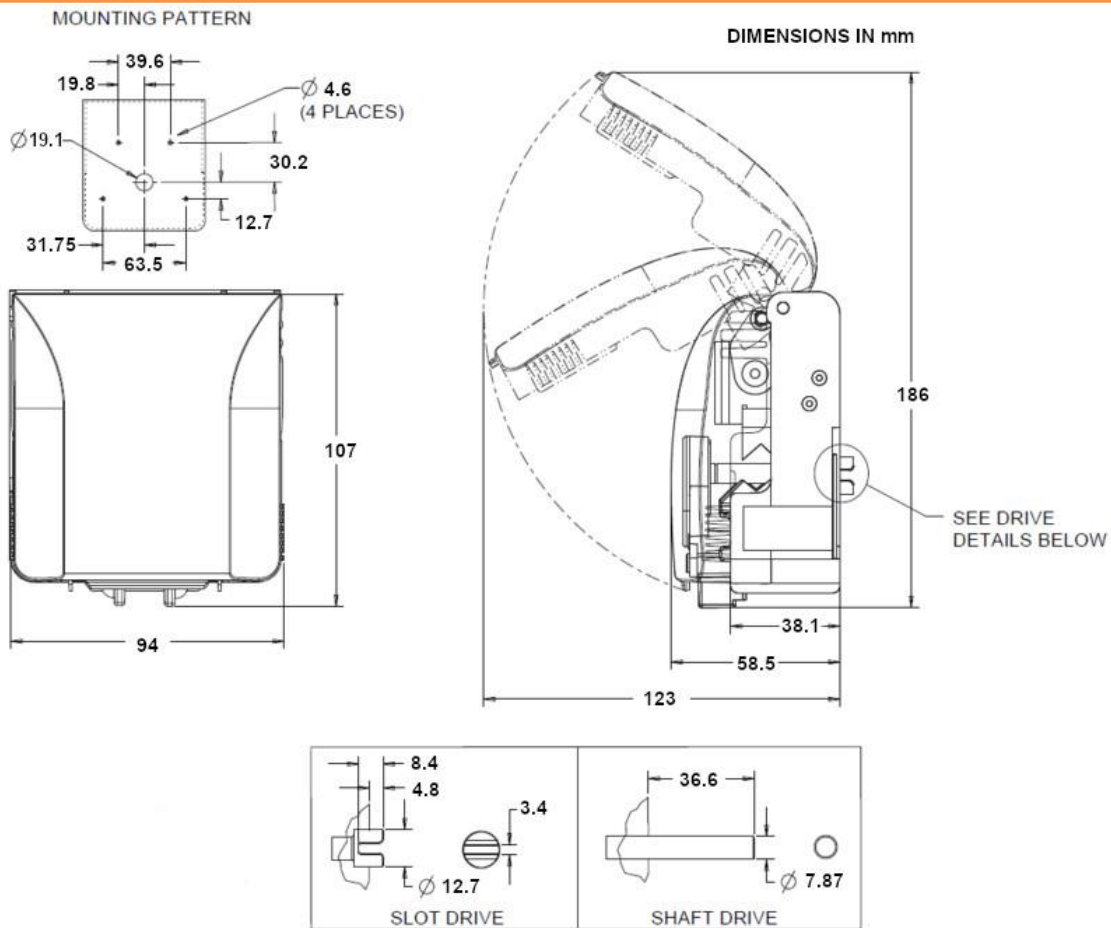
Devise your product code by using codes from the table on the right where stated below



	Product code
Intended tube wall thickness	
1.6mm (1/16")	016
2.4mm (3/32")	024
Shaft Type	
Plain shaft drive	PS
Slotted shaft drive	SS

350-PH-016-PS-3 is an example product code for a 350 series pump head for 1.6mm wall thickness tube, plain shaft & 3 rollers.

Dimensions



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