

PROPRIETARY AND CONFIDENTIAL

Description

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3/8" Hose Barb,
Valved In-Line Hose Barb Plug Coupling,
3/8" Flow, Medical Grade Polypropylene Body,
Terminations and Internal Valve,
Stainless Steel Internal Valve Spring,
Peroxide-Cured EPDM O-Ring Seals

NAME	DATE
DRAWN BY: SCW	20-JUL-2016

PART#	60PPV-PE2-06
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REV	1
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SHEET 1 OF 4

SCALE 2 : 1

DO NOT SCALE DRAWING

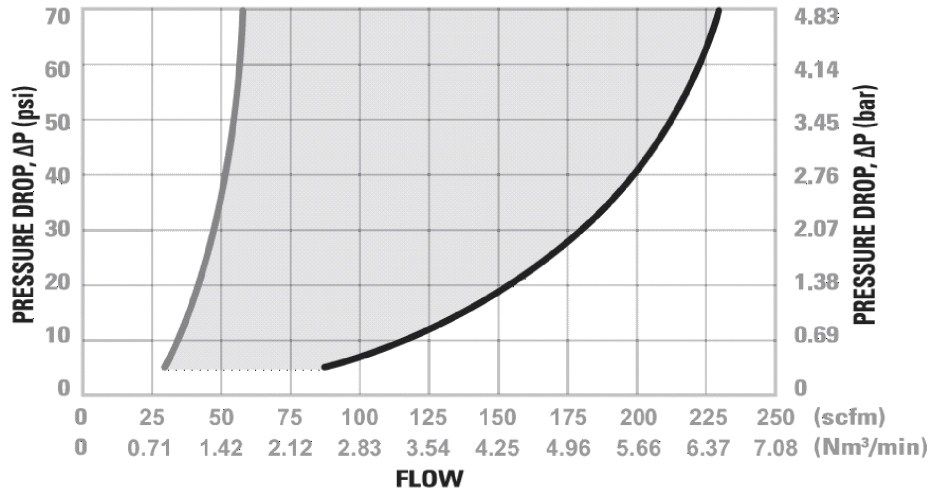


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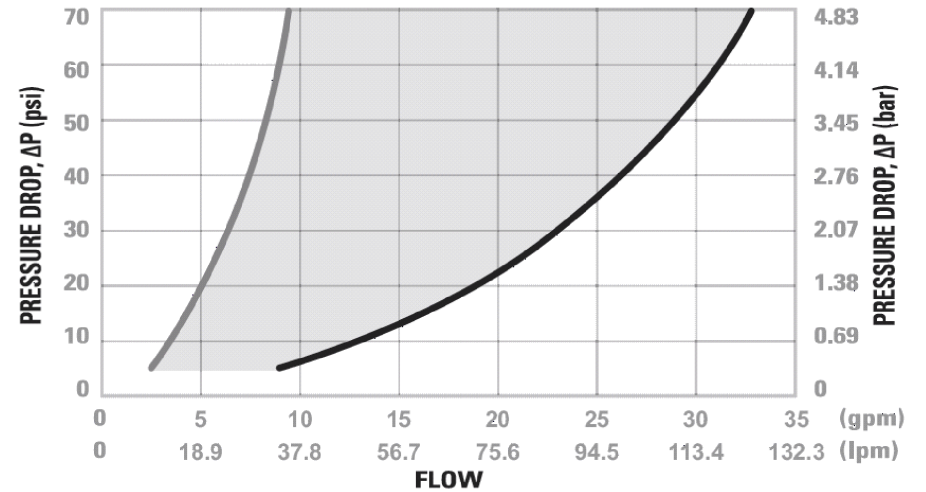
Specifications

Body and Termination Material	Medical Grade Polypropylene
Seal Material Option	Peroxide-cured EPDM O-ring Seals
Internal Valve Material	Medical Grade Polypropylene
Internal Valve Spring Material	316 Stainless Steel
Operating Pressure Range	Vacuum to 60 psi (4.2 bar)
Operating Temperature Range	32° F to 160° F (0° C to 71° C)
Flow Capacity	3/8" Size
Barb Size	3/8" ID, 9.5mm ID
Compatibility Statement	<p>It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products.</p> <p>Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.</p>

60PP Series Air Flow



60PP Series Water Flow



Specific coupling combination flow rates can be determined by using this formula:

$$Q = C_v \times \text{SQRT}(\Delta P/S)$$

SQRT = Square root

Q = Flow rate in gallons per minute

C_v = Average flow rate (see chart)

ΔP = Pressure drop across coupling (psi)

S = Specific gravity of liquid

C_v Values

Sockets:	60PPV-SE1-06	60PPV-SE1-08	60PPV-SE2-06	60PPV-SE2-08	60PPV-SE2-12	60PPV-SE3-06	60PPV-SE3-08	60PPV-S2-12
60PPV-PE2-06	1.27	1.34	1.00	1.23	-	1.00	1.23	-

60PPV-PE2-06

SHEET 3 OF 4

Sterilization and Disinfectant Compatibility

Material	Formalin	Isopropyl Alcohol (IPA)	Ethyl Alcohol	Ethylene Oxide (EtO)	Autoclave	E-Beam (50 kilorays)	GAMMA 5 (50 kilograys)	Dry Heat (250° F)
Polypropylene	Y	Y	Y	Y	N	Y	Y	N

Key: Y = Excellent, Recommended, N = Not Recommended

Sterilization Methods:

Disinfectants: Sterilized coupled or uncoupled at 70°F (20°C)

Ethylene Oxide, EtO: Sterilized coupled or uncoupled, up to 5 repetitions, 4 hours maximum, 100% EtO at 110°F (43°C)

Autoclave: Sterilize uncoupled only, 30 minutes Max, 10 repetitions maximum, 250°F (121°C) maximum

Electron Beam (E-Beam): Sterilize coupled or uncoupled, 50 kilograys maximum cumulative exposure

GAMMA: Sterilize coupled or uncoupled, 50 kilograys maximum cumulative exposure

Dry Heat: Sterilize uncoupled only, 250°F (121°C) 12 hours maximum

60PP Series Temperature

