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Description

1/4" BSPT Male Thread Valved Plug Coupling,
1/8" Flow,
Chrome Plated Brass Body and Terminations,
Acetal Internal Valve,
Buna-N O-Ring Seals,
Stainless Steel Internal Spring

DRAWN BY: SCW 19-Feb-2015

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SCALE 3:1

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NAME DATE

PART#

20CBV-PB1-04BSPT

REV
1

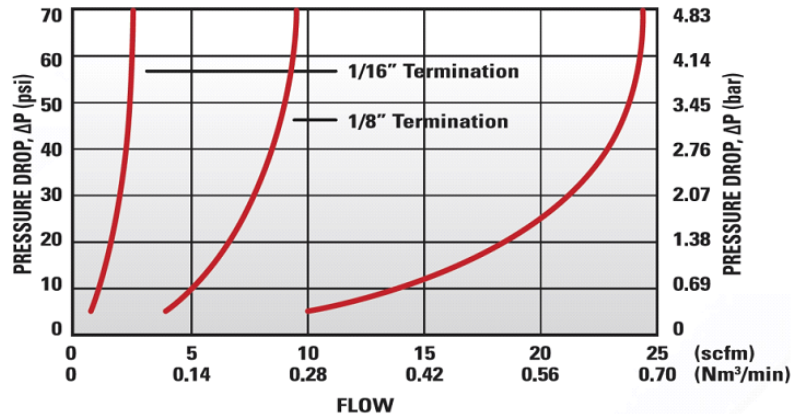


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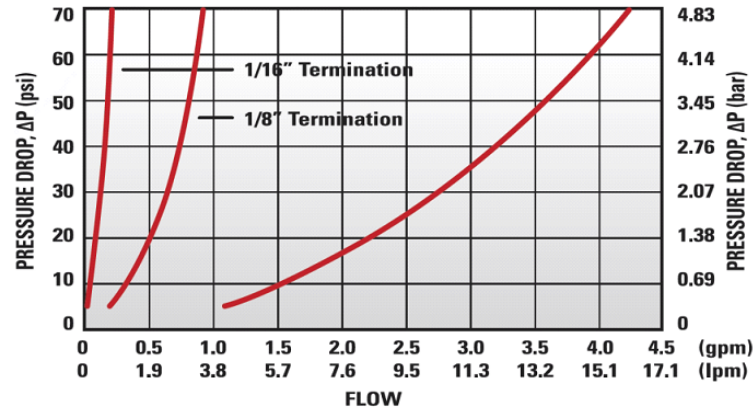
Specifications

Body and Termination Material	Food Grade Chrome Plated Brass
Internal Valve Material	Acetal (POM)
Internal Valve Spring	316 Stainless Steel
Seal Material Option	FDA & NSF Compliant Buna-N O-ring Seals
Operating Pressure Range	Vacuum to 250 psi (17.3 bar)
Operating Temperature Range	-40° F to 180° F (-40° C to 82° C)
Flow Capacity	1/8" Size
Thread Size	1/4" Male BSPT
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>

20PP Series Air Flow



20PP 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

Cv Values for the 20CBV-PB1-04BSPT Valved Male Thread Plug Coupling

Sockets:	20CBV- SB2-04	20CB- S2-04	20CBV- SB3-02	20CB- S3-02	20CBV- SB3-04	20CB- S3-04
20CBV-PB1-04BSPT	0.21	0.24	0.15	0.18	0.21	0.25

Sockets:	20CBV- SB8-04	20CB- S8-04	20CBV- SB1-02	20CB- S1-02	20CBV- SB1-04	20CB- S1-04
20CBV-PB1-04BSPT	0.17	0.18	0.20	0.20	0.23	0.25

20CBV-PB1-04BSPT

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