

PROPRIETARY AND CONFIDENTIAL

Description

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INDUSTRIAL SPECIALTIES MFG. AND IS MED SPECIALITES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF INDUSTRIAL SPECIALTIES MFG. AND IS MED SPECIALITES IS PROHIBITED.

1/8" Hose Barb,
Non-Valved Panel Mount Hose Barb Plug Coupling,
1/8" Flow,
Chrome Plated Brass Body and Terminations,
Buna-N O-Ring Seal,
Nickel Plated Brass Panel Nut

NAME DATE
DRAWN BY: SCW 27-Feb-2015

PART# REV
20CB-PB3-02 1

SHEET 1 OF 3

SCALE 3:1

DO NOT SCALE DRAWING



Industrial Specialties Mfg.
IS Med Specialties

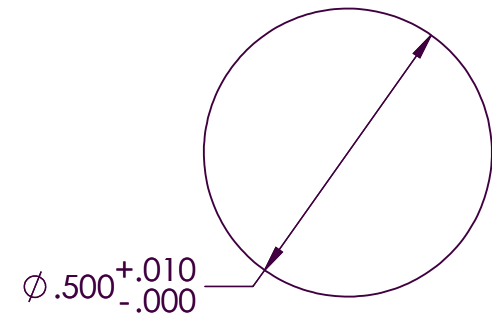
Specifications

Body and Termination Material	Food Grade Chrome Plated Brass
Seal Material Option	FDA & NSF Compliant Buna-N O-ring Seal
Panel Mount Nut	5/8" Electrodeposited Nickel Plated Brass
Panel Mount Nut Thread	1/2" - 24UNS
Operating Pressure Range	Vacuum to 250 psi (17.3 bar)
Operating Temperature Range	-40° F to 180° F (-40° C to 82° C)
Hose Barb Size	1/8" ID, 3.2mm ID
Flow Capacity	1/8" Size
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>

Panel Mount Dimensions

	PANEL OPENING	MAX PANEL THICKNESS	MIN PANEL THICKNESS
SOCKETS	Per Drawing	0.5"	0.05"
PLUGS	0.5"	0.3"	0.05"

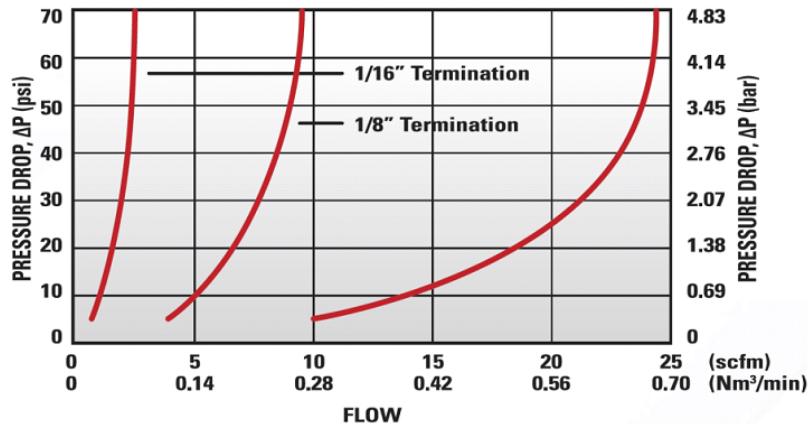
PANEL NUT HEX SIZE	PANEL NUT THREAD
5/8"	1/2" - 24UNS



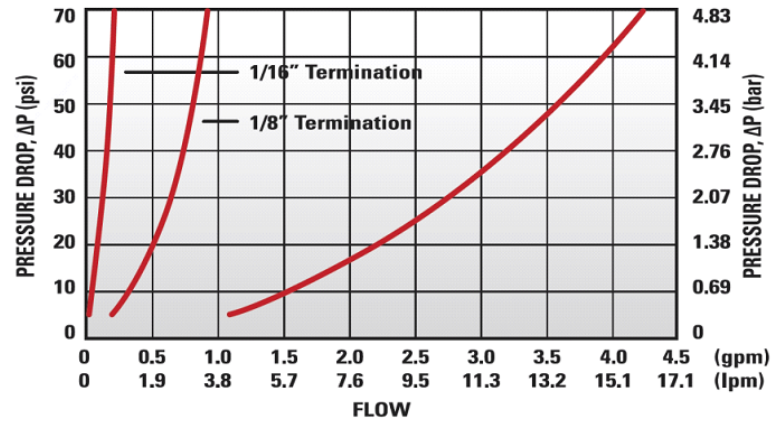
20CB-PB3-02

SHEET 2 OF 3

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

C_v Values for the 20CB-PB3-02

Non-Valved Panel Mount Hose Barb Plug Coupling

Sockets:	20CBV-SB2-04	20CB-S2-04	20CBV-SB3-02	20CB-S3-02	20CBV-SB3-04	20CB-S3-04
20CB-PB3-02	0.22	0.24	0.17	0.19	0.22	0.25

Sockets:	20CBV-SB8-04	20CB-S8-04	20CBV-SB1-02	20CB-S1-02	20CBV-SB1-04	20CB-S1-04
20CB-PB3-02	0.22	0.24	0.17	0.19	0.22	0.25

20CB-PB3-02

SHEET 3 OF 3