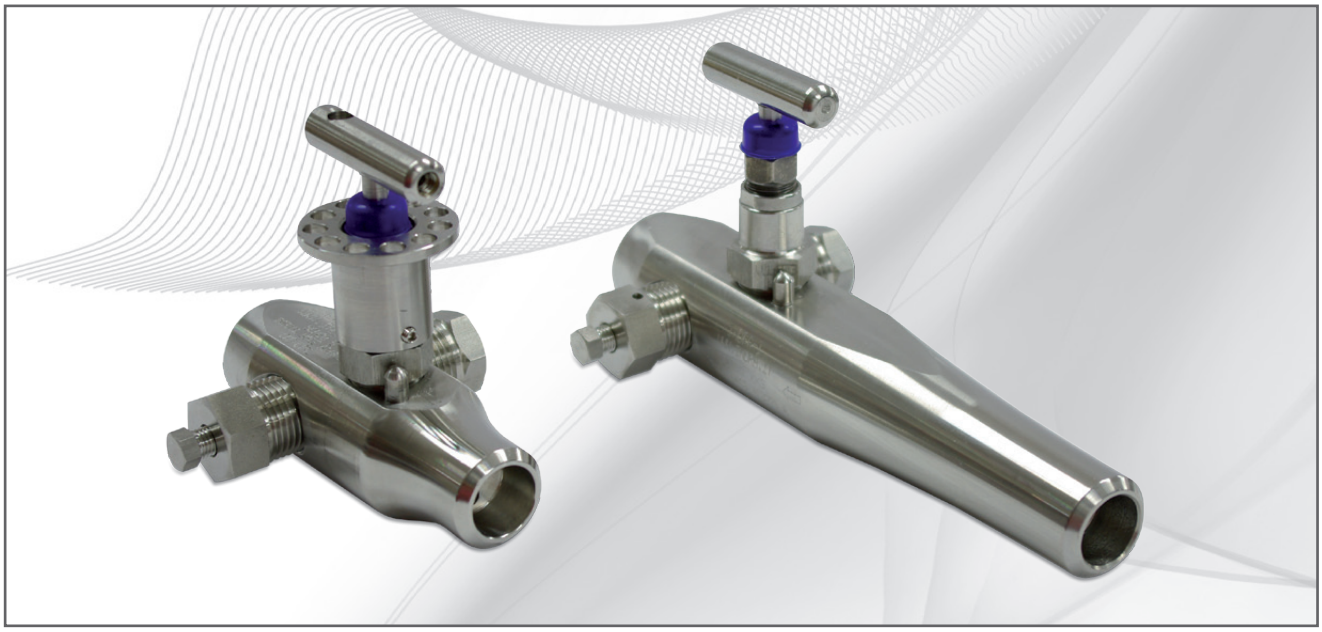
Butt Weld Multiport Needle Valves - BW

Mod. 165BW - 166BW



Applications:

- Isolation of one or more pressure instruments (gauges, switches, transmitters, etc.)
- For mounting to insulated lines

Connections:

- Butt weld inlet (BW)
- Threaded outlet to ANSI-ASME B1.20.1 ISO 228 - ISO 7/1

Rating:

- To pipe schedule rating

Seals:

- Standard: Graphite (T > 200° C)

Features:

- Non rotating trim
- Bonnet locking pin
- Dust cup
- Instrument optional position

Ordering Information

Model	
165BW	Short Body
166BW	Long Body

Connections IN	
B	1/4" BW
D	1/2" BW
E	3/4" BW

Face-to-Face	
110	110 MM Length
194	194 MM Length

Materials	
L	S.S. 316L
DL	S.S. 316 / 316L (Dual grade)
N	S.S. 316 Nace
C	C.S. A 105
LF2	C.S. A 350 LF2
D	Duplex F51
SD	Super-duplex
M	Monel 400
X	On demand

165BW - 80 - E D 110 - L - G - * * *

Schedule
40
80
160
XXS

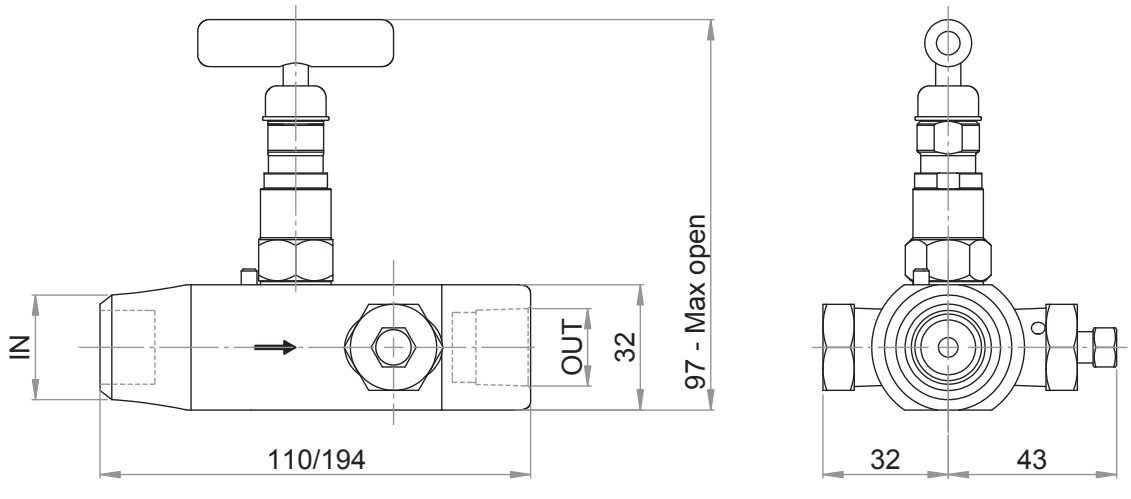
*Connections OUT	
B	1/4" NPT-F
D	1/2" NPT-F

* NPT standard
Add:
R = BSPT thread
G = BSPP thread
Ex: DR = 1/2" BSPT

Seal Material	
G	Graphite

Options See Table

Mod. 165BW - 166BW



Dimensions are in "mm" for reference only, and may be changed without notice.

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Options

-H	-L	-P						Availability			
								Needle Valves	Manifolds	Monoflanges	Ball Valves
A	Antitamper Actuator							✓	✓	✓	✓
B	Bolted Bonnet							✓		✓	✓
F	Oval Flange								✓		
G	Graphite seals							✓	✓	✓	✓
H	Rating 10.000 PSI (2)							✓	✓		
K1	Mechanical Electrical Contact										✓
K2	Magnetic Electrical Contact										✓
KG	Graphite bonnet seals replacement kit							✓	✓	✓	✓
KT	PTFE bonnet seals replacement kit							✓	✓	✓	✓
L	Locking Device							✓		✓	✓
O	Oxygen Service							✓	✓	✓	✓
P	Padlock							✓		✓	✓
Q	Quick Locking Device							✓	✓	✓	✓
R	Swivelling Fitting							✓		✓	✓
Y	Bonnet O.S.&Y.							✓		✓	✓
TV	Painting Treatment							✓	✓	✓	✓
TF	Phosphatization Treatment (1)							✓	✓	✓	✓
TZ	Zinc Plating Treatment (1)							✓	✓	✓	✓
U45-V	7/16” UNF L=45 mm screws and nuts kit (2 screws - 2 nuts) for 2 valves manifold								✓		
U75-2V	7/16” UNF L=75 mm screws and nuts kit (2 screws - 2 nuts) for 2 valves manifold								✓		
U45-3/5V	7/16” UNF L=45 mm screws and nuts kit (4 screws - 4 nuts) for 3 and 5 valves manifold								✓		
U75-3/5V	7/16” UNF L=75 mm screws and nuts kit (4 screws - 4 nuts) for 3 and 5 valves manifold								✓		
W	2” Pipe bracket								✓		
AT	Atex Version							✓	✓	✓	✓
GR	Gost R Version							✓	✓	✓	✓
FS	Fire Safe Version							✓	✓	✓	✓
TA	Fugitive Emission TA-LUFT Version							✓	✓	✓	✓
CRN	CURRENT CRN COMPLIANCE FOR 10 CANADIAN PROVINCES							✓	✓	✓	✓

(1) For carbon steel versions only.

(2) For flanged, BW, SW versions operating limits as for reference rules.

X = NOT CODED OPTION

For DB, SBB, DBB valves, repeat option code as many times as requested.
If you don’t find options you need, please feel free to contact our sales Department
Ex: mod. 739R-DD-S-T-A-A-A = 2 Block + 1 Bleed bonnet Anti-tamper

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Options

-H	-L	-P						Availability			
								Needle Valves	Manifolds	Monoflanges	Ball Valves
IDX	Vent Bottom Right								✓		
ISX	Vent Bottom Left								✓	✓	✓
M	Monel Trim							✓	✓	✓	✓
SPC 1	Special Marking - See descriptor							✓	✓	✓	✓
DIN 7756	Inlet Special Insert 1/8" NPT-M x DIN 7756 VG 8							✓	✓	✓	✓
2.0515 /DN15	Special DN15 marking requirement							✓	✓	✓	✓
3-G-GR -CUTR	GOST & CU-TR Certificate							✓	✓	✓	✓
X	Not Coded Option							✓	✓	✓	✓
?	?							✓	✓	✓	✓
?	?							✓	✓	✓	✓
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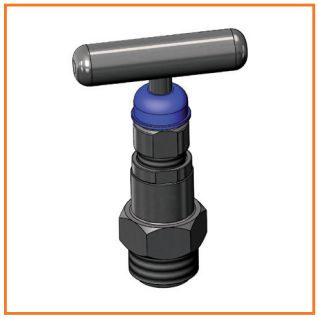
indra VALVES & CONTROLS ITALY

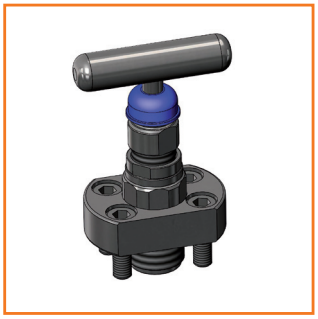
Available Bonnet Styles

S.S. Dust Cap Bonnet

Original Bonnet



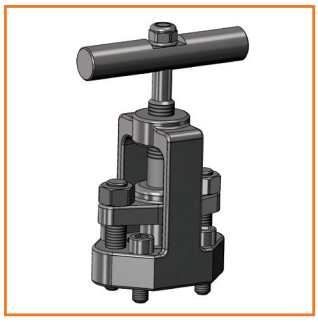
Bolted Bonnet



Anti-Tamper Bonnet

O.S.&Y. Bonnet with locking device

O.S.&Y. Bonnet



O.S.&Y. Bonnet

Standard Bonnet with locking device