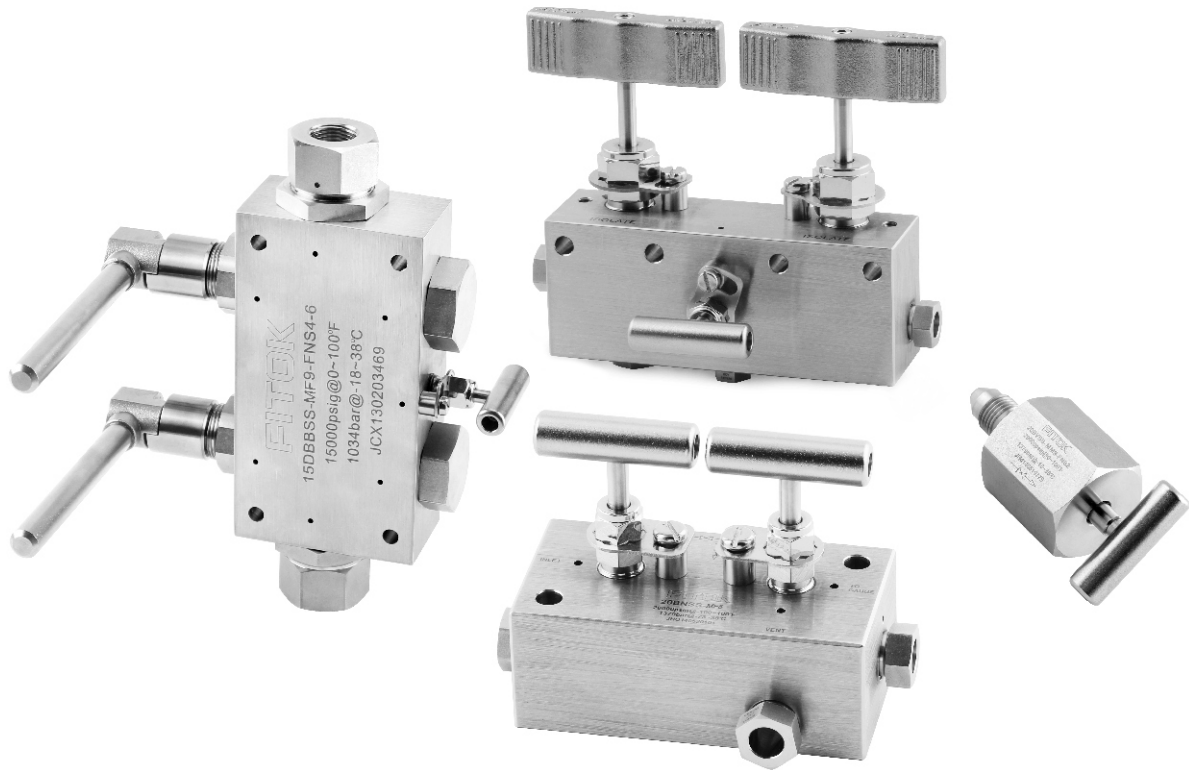


Bleed Valves and Block & Bleed Valves



| |
|-------------------------------------|
| Fittings |
| Tubing |
| Quick Couplings |
| Line Filters |
| Valves |
| Sour Service Products |
| Subsea Valves |
| Tools and Installation Instructions |
| Technical Information |
| Part Number Crossover Charts |

Contents

| | | |
|-------------------------------------|---|------|
| Fittings | Bleed Valves | |
| Tubing | Working pressure up to 30,000 psig (2068 bar) | E-87 |
| Quick Couplings | Block & Bleed Needle Valves | |
| Line Filters | Working pressure up to 20,000 psig (1379 bar) | E-90 |
| Valves | Double Block & Bleed Needle Valves | |
| | Working pressure up to 20,000 psig (1379 bar) | E-94 |
| | Double Block & Bleed Ball Valves | |
| | Working pressure up to 15,000 psig (1034 bar) | E-98 |
| Sour Service Products | | |
| Subsea Valves | | |
| Tools and Installation Instructions | | |
| Technical Information | | |
| Part Number Crossover Charts | | |

Bleed Valves

Working pressure up to 30,000 psig (2068 bar)

Features

- ⦿ One piece hex construction compact design allows easy installation
- ⦿ Fluorocarbon FKM O-ring for operation from 0°F to 400°F (-17.8°C to 204°C)
- ⦿ 1/8" Female NPT outlet connection
- ⦿ High tensile 316 Stainless Steel body material
- ⦿ Easy to assemble and replace O-ring
- ⦿ Positive locking screw design prevents accidental removal of the stem
- ⦿ Tee handle for easy operation

Technical Data

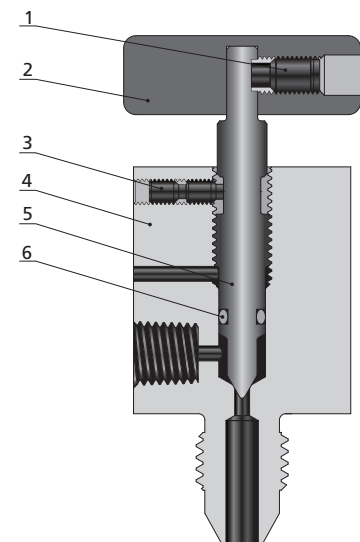
| Series | Inlet Connection | Orifice in. (mm) | Working Pressure psig (bar) |
|--------|------------------|------------------|-----------------------------|
| 15BV | DFT6 | 0.094 (2.4) | 15,000 (1034) |
| | DFT8 | 0.094 (2.4) | 15,000 (1034) |
| | DFT9 | 0.094 (2.4) | 15,000 (1034) |
| 20BV | MM6 | 0.094 (2.4) | 20,000 (1379) |
| | MM9 | 0.094 (2.4) | 20,000 (1379) |
| | MCT6 | 0.094 (2.4) | 20,000 (1379) |
| | MCT9 | 0.094 (2.4) | 20,000 (1379) |
| 30BV | HM6 | 0.094 (2.4) | 30,000 (2068) |
| | HM9 | 0.094 (2.4) | 30,000 (2068) |
| | HCT6 | 0.094 (2.4) | 30,000 (2068) |
| | HCT9 | 0.094 (2.4) | 30,000 (2068) |

- NOTES: 1. Working pressure shown is in closed position.
 2. Working pressure is 15,000 psig (1034 bar) bar in open position.
 3. A variety of end connections available on request. For connections not shown above, please contact FITOK Group or our authorized distributors.

Standard Materials of Construction

| Item | Component | Material Grade |
|------|---------------|--|
| 1 | Handle screw | Stainless steel |
| 2 | Handle | Stainless steel |
| 3 | Locking screw | Stainless steel |
| 4 | <i>Body</i> | <i>316 SS</i> |
| 5 | <i>Stem</i> | <i>S17400</i> |
| 6 | <i>O-ring</i> | <i>Fluorocarbon FKM</i> |
| | Lubricant | Molybdenum disulfide/Fluorinated-based |

Wetted components listed in italics.



FITOK

Fittings

Tubing

Quick Couplings

Line Filters

Valves

Sour Service Products

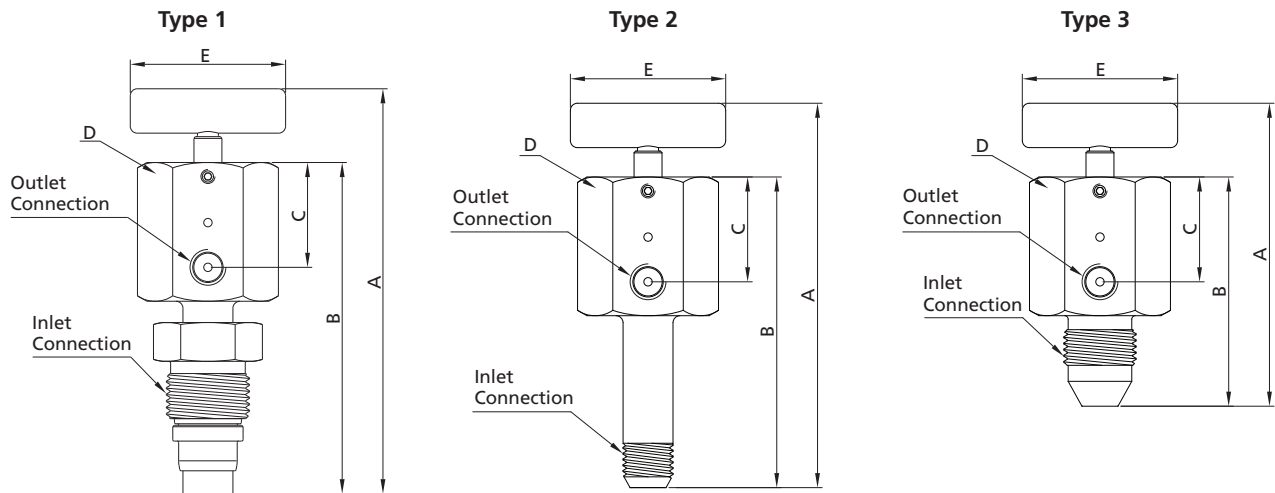
Subsea Valves

Tools and Installation Instructions

Technical Information

Part Number Crossover Charts

Ordering Information and Dimensions



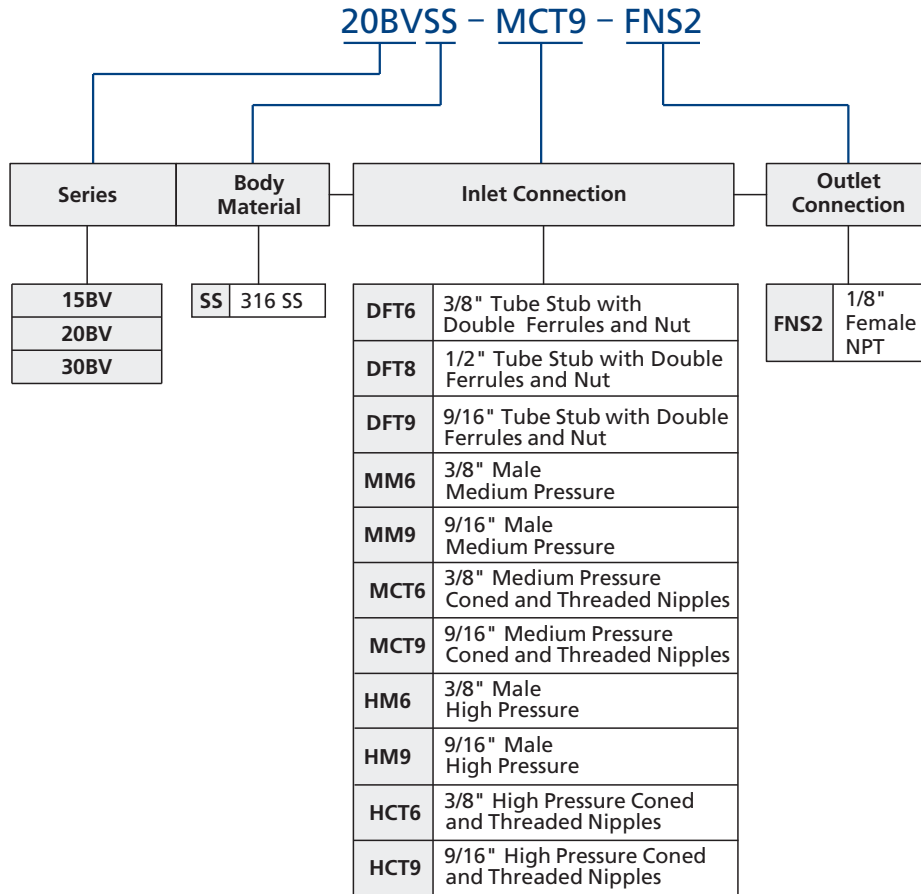
| Type 1 | | | | | | | | |
|------------------|------------------|-------------------|------------------|----------------------|----------------|----------------|----------------|----------------|
| Ordering Number | Inlet Connection | Outlet Connection | Orifice in. (mm) | Dimensions, in. (mm) | | | | |
| | | | | A | B | C | D | E |
| 15BVSS-DFT6-FNS2 | DFT6 | FNS2 | 0.094 (2.4) | 3.94 (100.1) | 3.11 (78.9) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |
| 15BVSS-DFT8-FNS2 | DFT8 | FNS2 | 0.094 (2.4) | 4.10 (104.1) | 3.26 (82.9) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |
| 15BVSS-DFT9-FNS2 | DFT9 | FNS2 | 0.094 (2.4) | 4.54 (115.4) | 3.71 (94.2) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |

| Type 2 | | | | | | | | |
|------------------|------------------|-------------------|------------------|----------------------|----------------|----------------|----------------|----------------|
| Ordering Number | Inlet Connection | Outlet Connection | Orifice in. (mm) | Dimensions, in. (mm) | | | | |
| | | | | A | B | C | D | E |
| 20BVSS-MCT6-FNS2 | MCT6 | FNS2 | 0.094 (2.4) | 3.61 (91.7) | 2.78 (70.5) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |
| 20BVSS-MCT9-FNS2 | MCT9 | FNS2 | 0.094 (2.4) | 3.82 (97.0) | 2.98 (75.8) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |
| 30BVSS-HCT6-FNS2 | HCT6 | FNS2 | 0.094 (2.4) | 4.09 (103.9) | 3.26 (82.7) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |
| 30BVSS-HCT9-FNS2 | HCT9 | FNS2 | 0.094 (2.4) | 4.68 (118.9) | 3.85 (97.7) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |

| Type 3 | | | | | | | | |
|-----------------|------------------|-------------------|------------------|----------------------|----------------|----------------|----------------|----------------|
| Ordering Number | Inlet Connection | Outlet Connection | Orifice in. (mm) | Dimensions, in. (mm) | | | | |
| | | | | A | B | C | D | E |
| 20BVSS-MM6-FNS2 | MM6 | FNS2 | 0.094 (2.4) | 3.23 (82.0) | 2.39 (60.8) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |
| 20BVSS-MM9-FNS2 | MM9 | FNS2 | 0.094 (2.4) | 3.42 (86.8) | 2.58 (65.6) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |
| 30BVSS-HM6-FNS2 | HM6 | FNS2 | 0.094 (2.4) | 3.27 (83.1) | 2.44 (61.9) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |
| 30BVSS-HM9-FNS2 | HM9 | FNS2 | 0.094 (2.4) | 3.44 (87.4) | 2.61 (66.2) | 1.18 (30.0) | 1.37 (34.9) | 1.75 (44.5) |

- NOTES: 1. D is the dimension of hex.
 2. A is the dimension of stem in closed position.
 3. All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact FITOK Group or our authorized distributors.

Ordering Number Description



- NOTES: 1. For more details regarding Medium/High Pressure connections, please see **Connection Information** on I-02.
 2. "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.

| |
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| Fittings |
| Tubing |
| Quick Couplings |
| Line Filters |
| Valves |
| Sour Service Products |
| Subsea Valves |
| Tools and Installation Instructions |
| Technical Information |
| Part Number Crossover Charts |

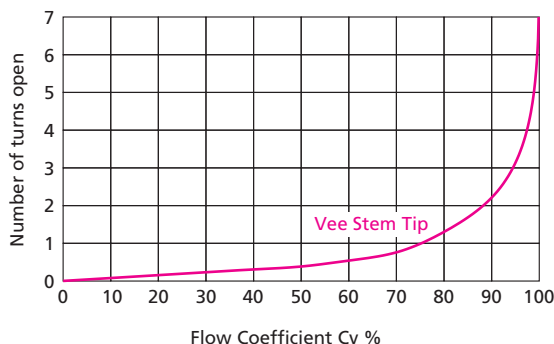
Block & Bleed Needle Valves

Working pressure up to 20,000 psig (1379 bar)

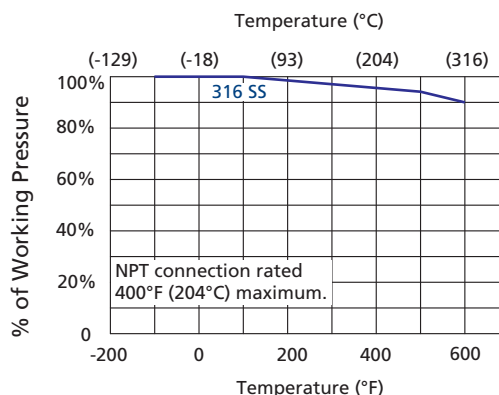
Features

- ⦿ Compact design offers advantages over configurations with multiple valves and fittings
- ⦿ Minimal space needed for installation and operation
- ⦿ Cost savings from fewer components required
- ⦿ Reduced potential for leakage
- ⦿ Metal-to-metal seating achieves ideal shutoff, longer stem/seat service lifetime for abrasive flow, excellent corrosion resistance and greater durability for repeated on/off cycles
- ⦿ Non-rotating stem and bar stock body design
- ⦿ Reliable packing gland locking device

Flow Data at 100°F (38°C)



Pressure vs. Temperature Curve



Technical Data

| Series | Connection | Orifice in. (mm) | Cv | Working Pressure psig (bar) |
|--------|------------|------------------|------|-----------------------------|
| 15BN | FNS4 | 0.094 (2.4) | 0.20 | 15,000 (1034) |
| | FNS6 | 0.094 (2.4) | 0.20 | 15,000 (1034) |
| 20BN | MF4 | 0.094 (2.4) | 0.20 | 20,000 (1379) |
| | MF6 | 0.094 (2.4) | 0.20 | 20,000 (1379) |

NOTES: 1. Packing Options

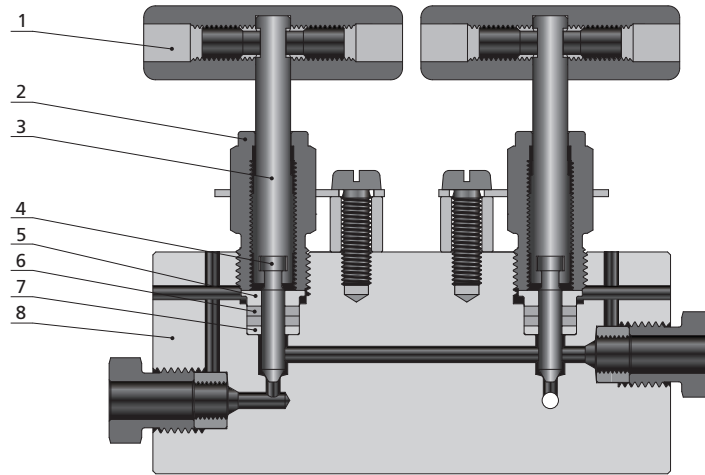
PTFE is the standard packing material, RPTFE glass also available.

PTFE: -100°F~450°F (-73°C~232°C).

RPTFE glass:-100°F~600°F (-73°C~316°C).

2. A variety of end connections are available on request . For connections not shown above, please contact FITOK Group or our authorized distributors.

Standard Materials of Construction

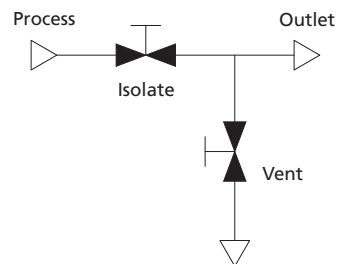
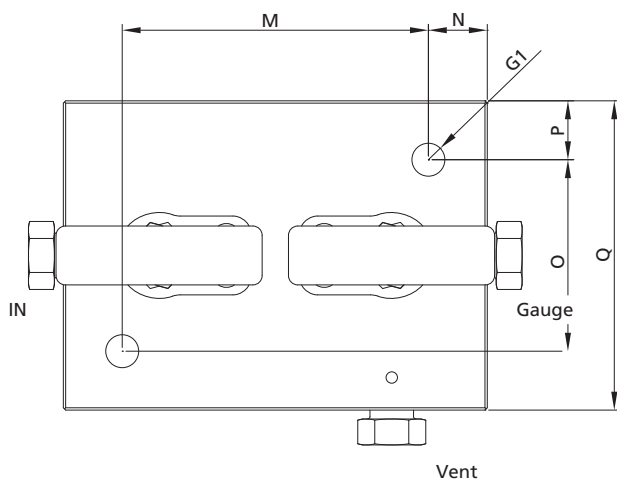
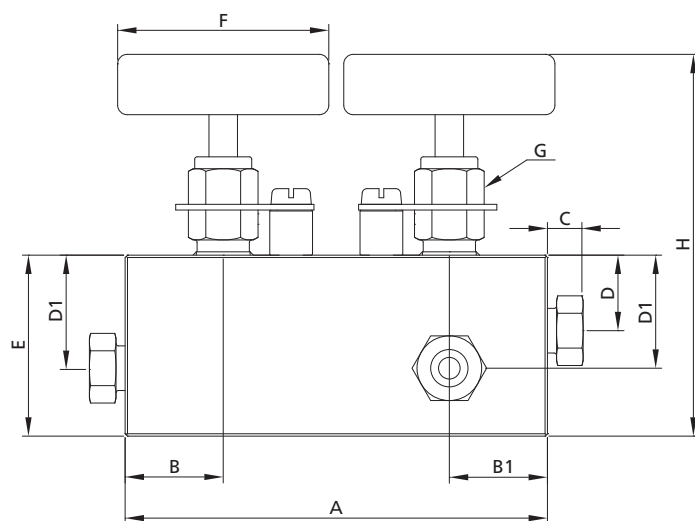


| Item | Component | Material Grade |
|------|-----------------------|----------------------|
| 1 | Handle | Stainless Steel |
| 2 | Packing Gland | C63000 |
| 3 | Upper stem | 316 SS |
| 4 | <i>Lower Stem</i> | <i>S17400</i> |
| 5 | Packing Ring | C63000 |
| 6 | <i>Packing</i> | <i>PTFE/IRPTFE</i> |
| 7 | <i>Packing washer</i> | <i>S17400</i> |
| 8 | <i>Body</i> | <i>316 SS</i> |
| | Lubricant | Molybdenum disulfide |

Wetted components listed in italics.

| |
|-------------------------------------|
| Fittings |
| Tubing |
| Quick Couplings |
| Line Filters |
| Valves |
| Sour Service Products |
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| Technical Information |
| Part Number Crossover Charts |

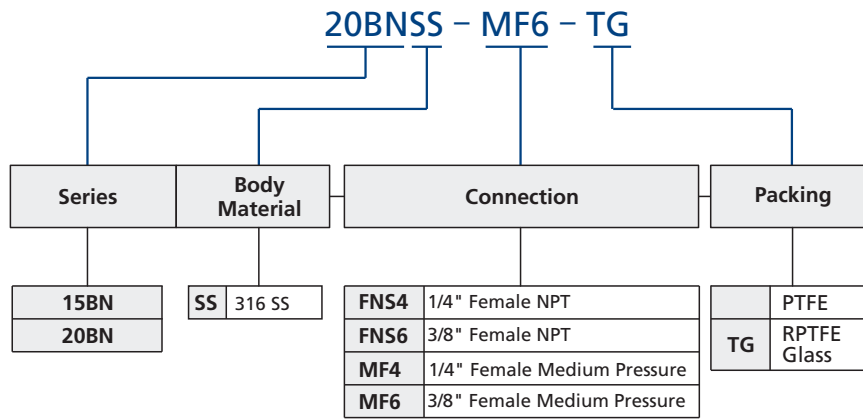
Ordering Information and Dimensions



| Dimensions | | | | | | | | | | | | | | | | | | |
|-----------------|------------|------------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|---------------|----------------|---------------|----------------|
| Ordering Number | Connection | Orifice in. (mm) | Dimensions, in. (mm) | | | | | | | | | | | | | | | |
| | | | A | B | B1 | C | D | D1 | E | F | G | G1 | H | M | N | O | P | Q |
| 15BNSS-FNS4 | FNS4 | 0.094 (2.4) | 3.78 (96.0) | 0.90 (22.9) | 1.00 (25.4) | / | 0.81 (20.6) | 1.08 (27.5) | 1.50 (38.1) | 1.75 (44.5) | 0.63 (15.9) | 0.28 (7.1) | 3.26 (82.7) | 3.03 (77.0) | 0.37 (9.5) | 1.25 (31.8) | 0.37 (9.5) | 2.00 (50.8) |
| 15BNSS-FNS6 | FNS6 | 0.094 (2.4) | 3.88 (98.5) | 1.00 (25.4) | 1.00 (25.4) | / | 0.81 (20.6) | 1.08 (27.5) | 1.58 (40.2) | 1.75 (44.5) | 0.63 (15.9) | 0.28 (7.1) | 3.34 (84.8) | 3.13 (79.5) | 0.37 (9.5) | 1.25 (31.8) | 0.37 (9.5) | 2.00 (50.8) |
| 20BNSS-MF4 | MF4 | 0.094 (2.4) | 3.5 (88.9) | 0.81 (20.6) | 0.81 (20.6) | 0.38 (9.7) | 0.81 (20.6) | 1.08 (27.5) | 1.50 (38.1) | 1.75 (44.5) | 0.63 (15.9) | 0.28 (7.1) | 3.26 (82.7) | 2.74 (69.5) | 0.37 (9.5) | 1.25 (31.8) | 0.37 (9.5) | 2.00 (50.8) |
| 20BNSS-MF6 | MF6 | 0.094 (2.4) | 3.88 (98.5) | 1.00 (25.4) | 1.00 (25.4) | 0.44 (11.2) | 0.81 (20.6) | 1.08 (27.5) | 1.50 (38.1) | 1.75 (44.5) | 0.63 (15.9) | 0.28 (7.1) | 3.26 (82.7) | 3.13 (79.5) | 0.37 (9.5) | 1.25 (31.8) | 0.37 (9.5) | 2.00 (50.8) |

- NOTES: 1. G is the drill dimension of packing gland mounting hole.
 2. G1 is the panel mounting drill size.
 3. H is the dimension of stem in closed position.
 4. All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact FITOK Group or our authorized distributors.

Ordering Number Description



- NOTES: 1. For more details regarding Medium Pressure connections, please see **Connection Information** on I-02.
 2. "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.

| |
|-------------------------------------|
| Fittings |
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| Quick Couplings |
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| Technical Information |
| Part Number Crossover Charts |

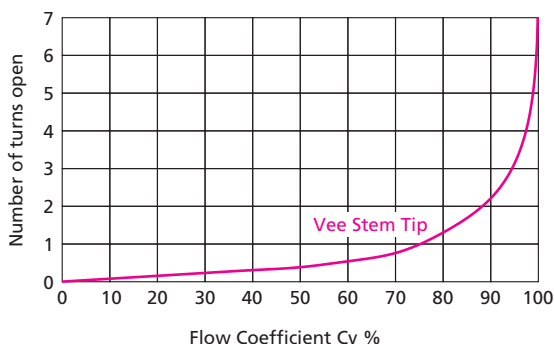
Double Block & Bleed Needle Valves

Working pressure up to 20,000 psig (1379 bar)

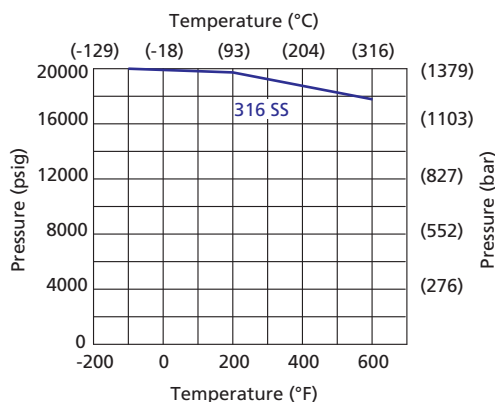
Features

- Compact design provides large valve performance in a small package
- Reduced potential for leakage
- Metal-to-metal seating achieves ideal shutoff, longer stem/seat service lifetime for abrasive flow, excellent corrosion resistance and greater durability for repeated on/off cycles
- Non-rotating stem and bar stock body design
- Reliable packing gland locking device

Flow Data at 100°F (38°C)



Pressure vs. Temperature Curve



Technical Data

| Series | Connection Type (Inlet and Outlet) | Vent Connection | Orifice in. (mm) | Cv | Working Pressure psig (bar) |
|--------|------------------------------------|-----------------|------------------|------|-----------------------------|
| 20DBN | MF4 | MF4 | 0.094 (2.4) | 0.10 | 20,000 (1379) |
| | MF6 | MF4 | 0.094 (2.4) | 0.27 | 20,000 (1379) |
| | MF9 | MF4 | 0.094 (2.4) | 0.27 | 20,000 (1379) |
| | HF9 | MF4 | 0.094 (2.4) | 0.27 | 20,000 (1379) |

NOTES: 1. Packing Options

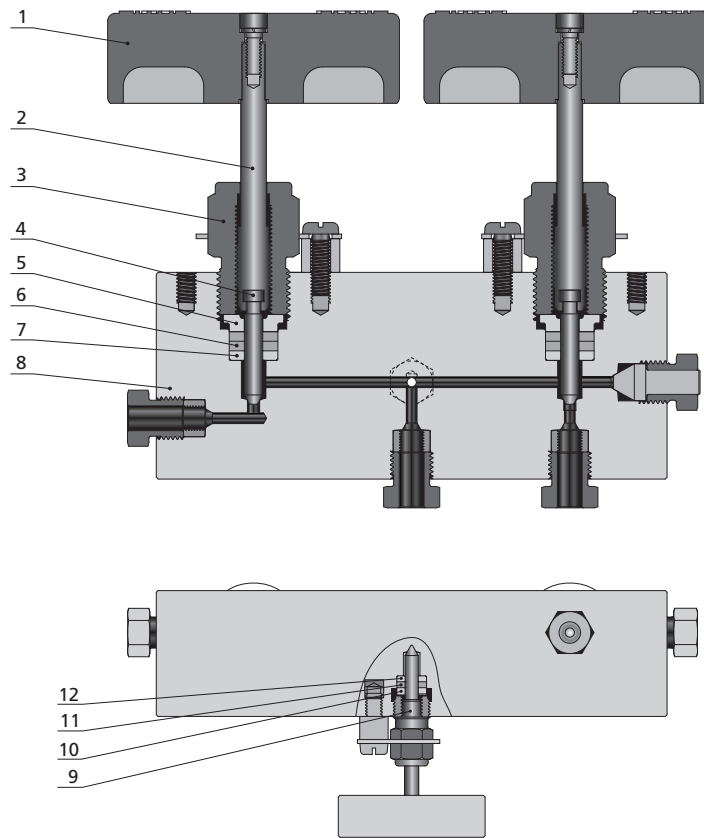
PTFE is the standard packing material, RPTFE glass also available.

PTFE: -100°F~450°F (-73°C~232°C).

RPTFE glass: -100°F~600°F (-73°C~316°C).

2. A variety of end connections are available on request. For connections not shown above, please contact FITOK Group or our authorized distributors.

Standard Materials of Construction



Bottom View

| Item | Component | Material Grade |
|------|----------------------------------|----------------------|
| 1 | Handle | Stainless steel |
| 2 | Upper stem | 316 SS |
| 3 | Packing Gland | C63000 |
| 4 | <i>Lower Stem</i> | <i>S17400</i> |
| 5 | <i>Packing Ring</i> | <i>C63000</i> |
| 6 | <i>Packing</i> | <i>PTFE/IRPTFE</i> |
| 7 | <i>Packing washer</i> | <i>S17400</i> |
| 8 | <i>Body</i> | <i>316 SS</i> |
| 9 | <i>Vent valve stem</i> | <i>S17400</i> |
| 10 | Vent valve Ring | C63000 |
| 11 | <i>Vent valve Packing</i> | <i>PTFE/IRPTFE</i> |
| 12 | <i>Vent valve Packing washer</i> | <i>S17400</i> |
| | Lubricant | Molybdenum disulfide |

Wetted components listed in italics.

Fittings

Tubing

Quick Couplings

Line Filters

Valves

Sour Service Products

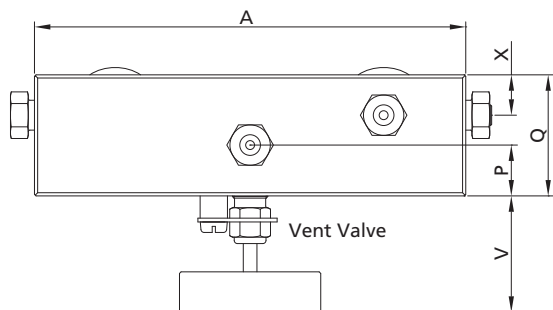
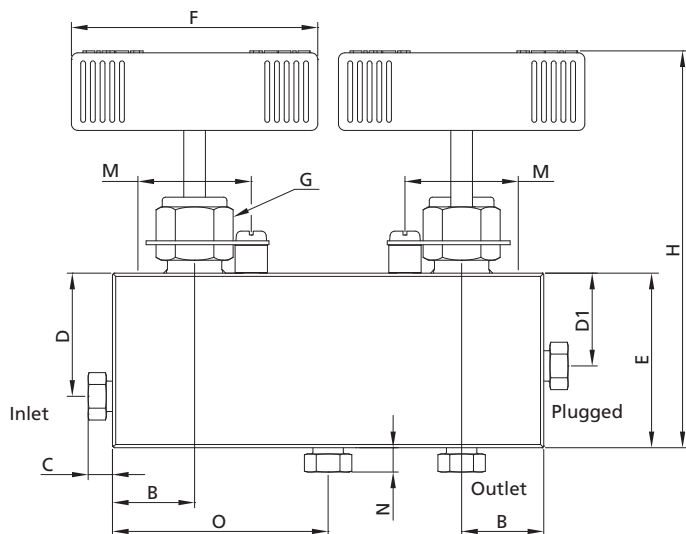
Subsea Valves

Tools and Installation Instructions

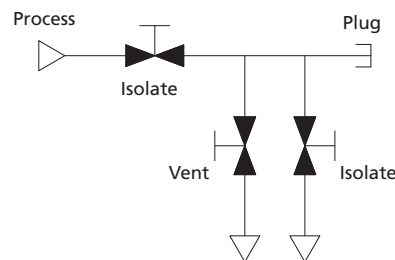
Technical Information

Part Number Crossover Charts

Ordering Information and Dimensions



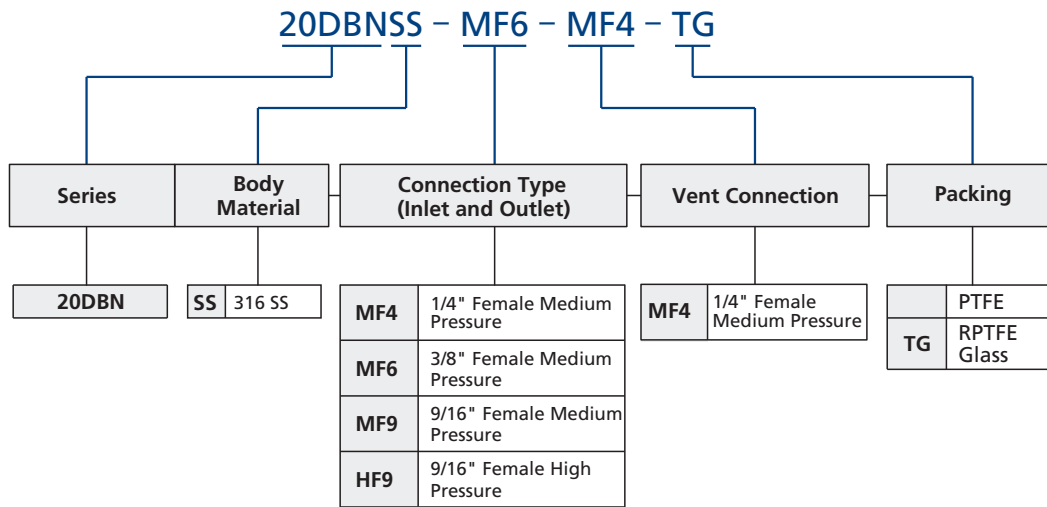
Bottom View



| Dimensions | | | | | | | | | | | | | | | | | | |
|-----------------|------------------------------------|------------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Ordering Number | Connection Type (Inlet and Outlet) | Orifice in. (mm) | Dimensions, in. (mm) | | | | | | | | | | | | | | | |
| | | | A | B | C | D | D1 | E | F | G | H | M | N | O | P | Q | V | X |
| 20DBNSS-MF4-MF4 | MF4 | 0.094 (2.4) | 5.25 (133.4) | 1.00 (25.4) | 0.38 (9.65) | 1.50 (38.1) | 1.13 (28.7) | 2.13 (54.1) | 3.00 (76.2) | 1.00 (25.4) | 4.82 (122.4) | 1.38 (35.1) | 0.50 (12.7) | 2.62 (66.7) | 0.63 (16.0) | 1.50 (38.1) | 1.47 (37.4) | 0.50 (12.7) |
| 20DBNSS-MF6-MF4 | MF6 | 0.094 (2.4) | 5.25 (133.4) | 1.00 (25.4) | 0.44 (11.2) | 1.50 (38.1) | 1.13 (28.7) | 2.13 (54.1) | 3.00 (76.2) | 1.00 (25.4) | 4.82 (122.4) | 1.38 (35.1) | 0.50 (12.7) | 2.62 (66.7) | 0.63 (16.0) | 1.50 (38.1) | 1.47 (37.4) | 0.50 (12.7) |
| 20DBNSS-MF9-MF4 | MF9 | 0.094 (2.4) | 5.88 (149.4) | 1.31 (33.3) | 0.55 (14.0) | 1.50 (38.1) | 1.13 (28.7) | 3.00 (76.2) | 3.00 (76.2) | 1.00 (25.4) | 5.69 (144.5) | 1.38 (35.1) | 0.50 (12.7) | 2.94 (74.7) | 0.63 (16.0) | 1.75 (44.5) | 1.47 (37.4) | 0.75 (19.1) |
| 20DBNSS-HF9-MF4 | HF9 | 0.094 (2.4) | 5.88 (149.4) | 1.31 (33.3) | 0.95 (24.1) | 1.50 (38.1) | 1.13 (28.7) | 3.00 (76.2) | 3.00 (76.2) | 1.00 (25.4) | 5.69 (144.5) | 1.38 (35.1) | 0.50 (12.7) | 2.94 (74.7) | 0.63 (16.0) | 1.75 (44.5) | 1.47 (37.4) | 0.75 (19.1) |

- NOTES: 1. Vent connection: 1/4" Female Medium Pressure.
 2. G is the drill dimension of packing gland mounting hole.
 3. G1 is the panel mounting drill size.
 4. H is the dimension of stem in closed position.
 5. All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact FITOK Group or our authorized distributors.

Ordering Number Description



- NOTES: 1. For more details regarding Medium/High Pressure connections, please see **Connection Information** on I-02.
 2. "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.

| |
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| Fittings |
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| Quick Couplings |
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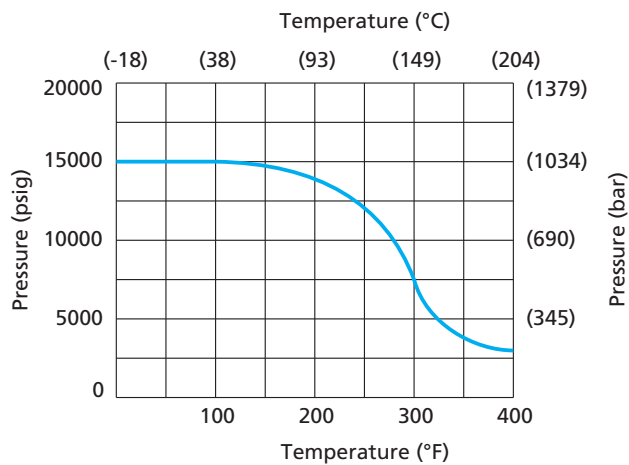
Double Block & Bleed Ball Valves

Working pressure up to 15,000 psig (1034 bar)

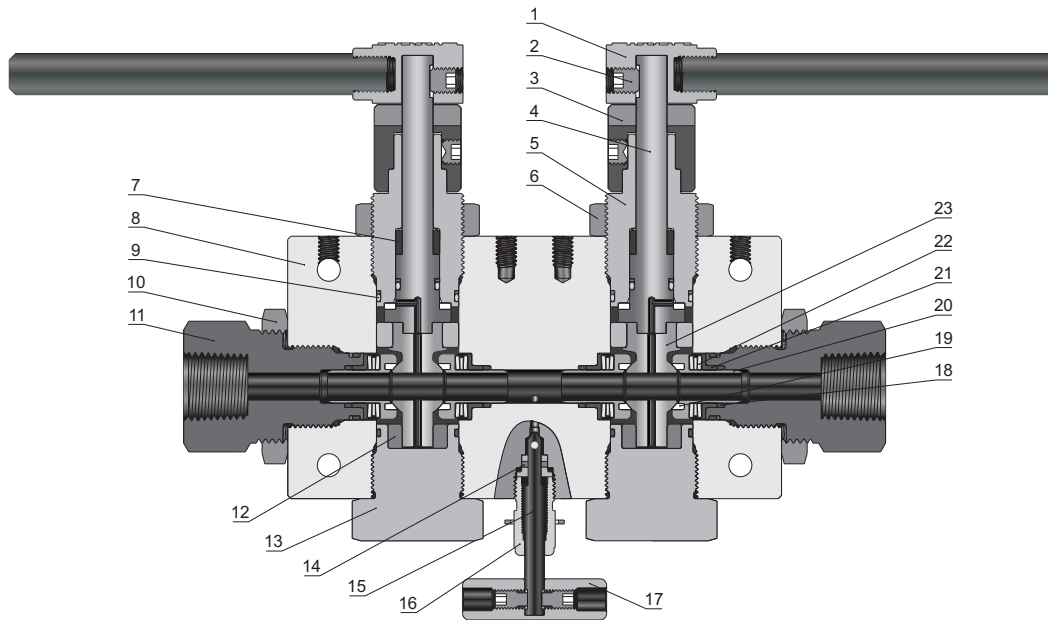
Features

- ⦿ Working temperature range from 0°F to 400°F (-17.8°C to 204°C) with Fluorocarbon FKM O-rings; other O-ring materials available
- ⦿ High tensile 316 Stainless Steel body material
- ⦿ PEEK seats offer excellent resistance to chemicals, heat and abrasion
- ⦿ Trunnion-style ball to prevent ball blowout
- ⦿ Full-port flow path to minimize pressure drop
- ⦿ Vee-stem vent valve
- ⦿ Wide selection of tube and pipe end fittings available
- ⦿ Quarter turn from open to closed with positive stop

Pressure vs. Temperature Curve



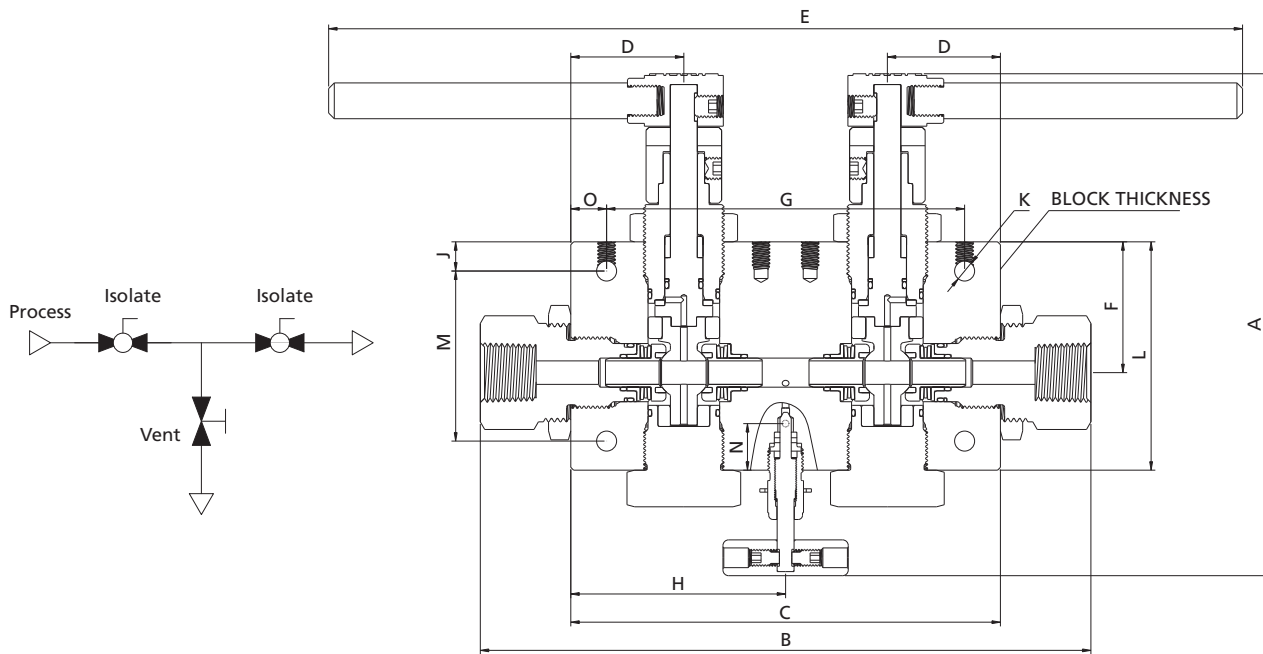
Standard Materials of Construction



| Item | Component | Material Grade |
|------|--------------------------|--|
| 1 | Handle | Stainless Steel |
| 2 | Set Screw | Stainless Steel |
| 3 | Stopping Device | 316 SS |
| 4 | Stem | 316 SS |
| 5 | Packing Gland | 316 SS |
| 6 | Locking Piece | 316 SS |
| 7 | Stem Backup | PEEK |
| 8 | Valve Body | 316 SS |
| 9 | O-Ring | Fluorocarbon FKM |
| 10 | Lock Nut | 316 SS |
| 11 | Seat Gland | 316 SS |
| 12 | Bearing | PEEK |
| 13 | Bottom Gland | 316 SS |
| 14 | Vent Valve Packing | PTFE |
| 15 | Vent Valve Stem | S17400 |
| 16 | Vent Valve Packing Gland | C63000 |
| 17 | Vent Valve Handle | Stainless Steel |
| 18 | O-Ring | Fluorocarbon FKM |
| 19 | Seat | PEEK |
| 20 | Seat Retainer | S17400 |
| 21 | Belleville Backup | S17400 |
| 22 | Belleville Washers | S17700 |
| 23 | Ball | 316 SS |
| | Lubricant | Molybdenum Disulfide/Fluorinated-based |

Wetted components listed in italics.

Dimensions

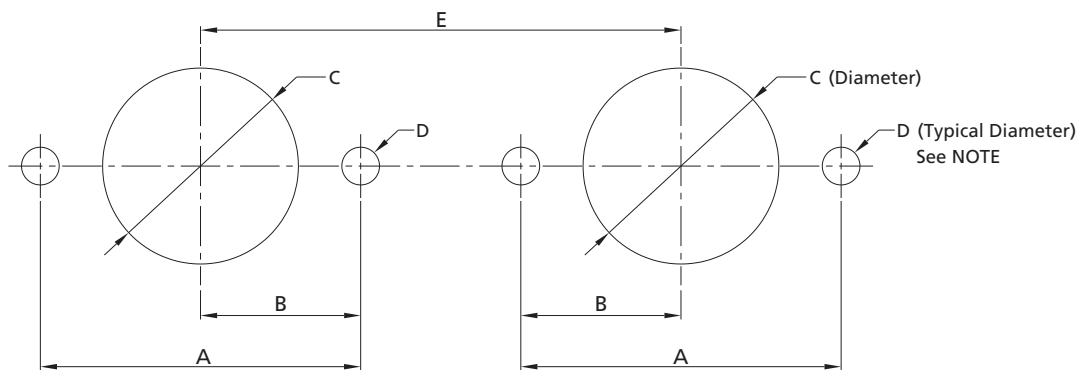


Dimensions, in. (mm)

| A | B | C | D | E | F | G | H | J | K | L | M | N ^① | O | Block Thickness |
|-----------------|-----------------|--------------|----------------|------------------|----------------|------------|-------------|----------------|---------------|--------------|----------------|----------------|---------------|-----------------|
| 7.14 (181.4) | 8.53 (216.6) | 6 (152.4) | 1.58 (40.1) | 12.76 (324.2) | 1.83 (46.4) | 5 (127) | 3 (76.2) | 0.41 (10.3) | 0.28 (7.1) | 3.19 (81) | 2.38 (60.4) | 0.65 (16.5) | 0.5 (12.7) | 1.75 (44.45) |

- NOTES: 1. N: Vent connection on back side.
2. All dimensions are for reference only and are subject to change.

Panel Mounting Dimensions



Dimensions, in. (mm)

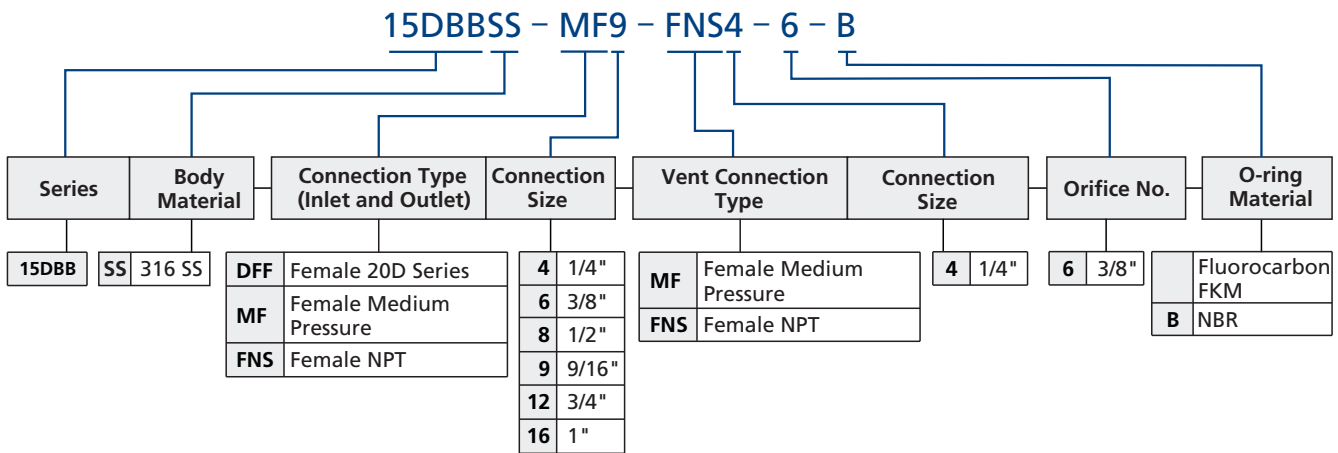
| A | B | C | D | E |
|----------------|----------------|---------------|---------------|----------------|
| 2.16 (54.8) | 1.08 (27.4) | 1.5 (38.1) | 0.28 (7.1) | 2.84 (72.2) |

- NOTES: 1. Body mounting 1/4-20 thread.
2. All dimensions are for reference only and are subject to change.

Ordering Information and Dimensions

| Series | Ordering Number | Connection Type (Inlet and Outlet) | Vent Connection | Orifice No. | Orifice Size in. (mm) | Cv | Working Pressure psig (bar) |
|---------------------|---------------------|------------------------------------|-----------------|-------------|-----------------------|------|-----------------------------|
| 15DBB | 15DBBSS-DFF8-FNS4-6 | DFF8 | FNS4 | 6 | 0.33 (8.3) | 2.3 | 15,000 (1034) |
| | 15DBBSS-MF4-MF4-6 | MF4 | MF4 | | 0.11 (2.8) | 0.23 | |
| | 15DBBSS-MF6-MF4-6 | MF6 | MF4 | | 0.20 (5.2) | 0.9 | |
| | 15DBBSS-MF9-MF4-6 | MF9 | MF4 | | 0.33 (8.3) | 2.3 | |
| | 15DBBSS-MF9-FNS4-6 | MF9 | FNS4 | | 0.33 (8.3) | 2.3 | |
| | 15DBBSS-MF12-MF4-6 | MF12 | MF4 | | 0.33 (8.3) | 2.3 | |
| | 15DBBSS-MF16-FNS4-6 | MF16 | FNS4 | | 0.33 (8.3) | 2.3 | |
| | 15DBBSS-FNS4-FNS4-6 | FNS4 | FNS4 | | 0.33 (8.3) | 2.3 | |
| | 15DBBSS-FNS6-FNS4-6 | FNS6 | FNS4 | | 0.33 (8.3) | 2.3 | |
| 15DBBSS-FNS8-FNS4-6 | FNS8 | FNS4 | 0.33 (8.3) | 2.3 | | | |

Ordering Number Description



- NOTES: 1. For more details regarding 20D Series and Medium Pressure connections, please see **Connection Information** on I-02.
2. "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.

| Code | O-ring Material | Working temperature Range, °F (°C) |
|------|------------------|------------------------------------|
| | Fluorocarbon FKM | 0 to 400 (-17.8 to 204) |
| B | NBR | -10 to 250 (-23 to 121) |

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|-------------------------------------|
| Fittings |
| Tubing |
| Quick Couplings |
| Line Filters |
| Valves |
| Sour Service Products |
| Subsea Valves |
| Tools and Installation Instructions |
| Technical Information |
| Part Number Crossover Charts |