

Soft Seat (DELRIN) Needle Valves - Female/Female

Mod. 060 - 062



Applications:

- Pressure instruments isolation (gauges, switches, transmitters, etc.)

Connections:

- Threaded to ANSI-ASME B1.20.1 ISO 228 - ISO 7/1

Rating:

- Standard: 6,000 PSI (420 bar)

Seals:

- Standard: PTFE ($T \leq 200^{\circ} \text{C}$)

Features:

- Non rotating trim
- Bonnet locking pin
- Dust cup
- Easy operation

Ordering Information

| Model - Fx F | |
|--------------|-------------------|
| 060 | Standard mounting |
| 062 | Panel mounting |

| *Connections OUT | |
|------------------|------------|
| B | 1/4" NPT-F |
| C | 3/8" NPT-F |
| D | 1/2" NPT-F |
| E | 3/4" NPT-F |
| F | 1" NPT-F |

| Seal Material | |
|---------------|------|
| T | PTFE |

060

-

B

B

-

L

-

T

-

*

*

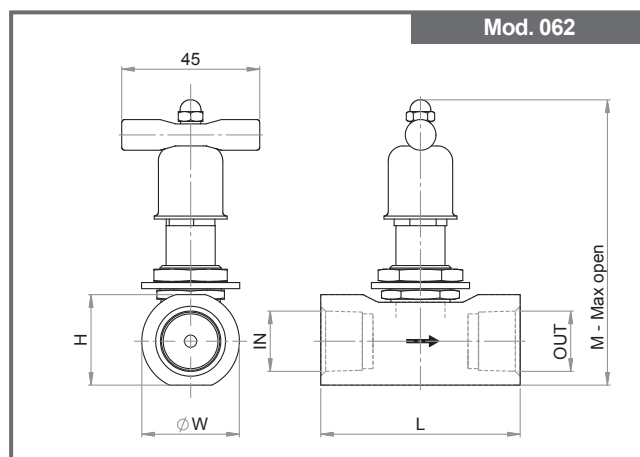
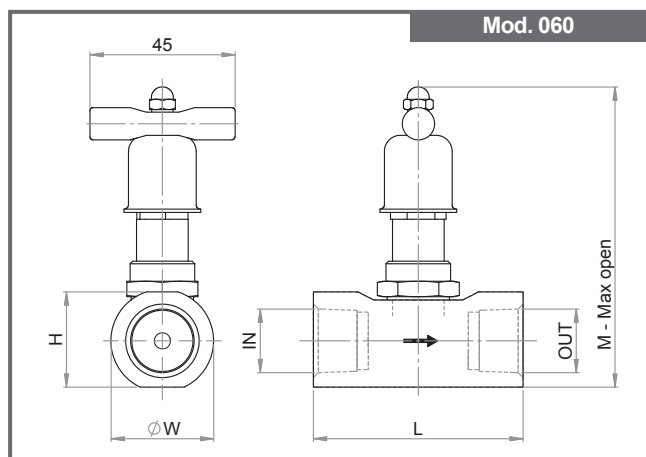
*

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

| *Connections IN | |
|-----------------|------------|
| B | 1/4" NPT-F |
| C | 3/8" NPT-F |
| D | 1/2" NPT-F |
| E | 3/4" NPT-F |
| F | 1" NPT-F |

| 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 |

Options See Table



| Dimensions | | L | W | H | M |
|------------|------|----|----|------|-----|
| B | 1/4" | 60 | 32 | 29.5 | 94 |
| C | 3/8" | 60 | 32 | 29.5 | 94 |
| D | 1/2" | 65 | 32 | 29.5 | 94 |
| E | 3/4" | 71 | 35 | 32.5 | 97 |
| F | 1" | 80 | 44 | 40 | 106 |

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

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

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 | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | ? | | | | | | | ✓ | ✓ | ✓ | ✓ |
| ? | | | | | | | | | | | |

(1) For carbon steel versions only.

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

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

Available Bonnet Styles

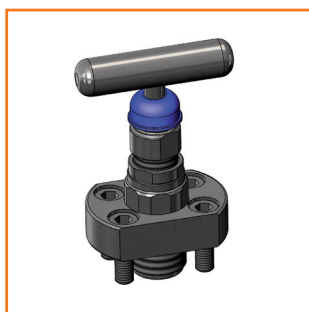
S.S. Dust Cap Bonnet



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

