



Product Category

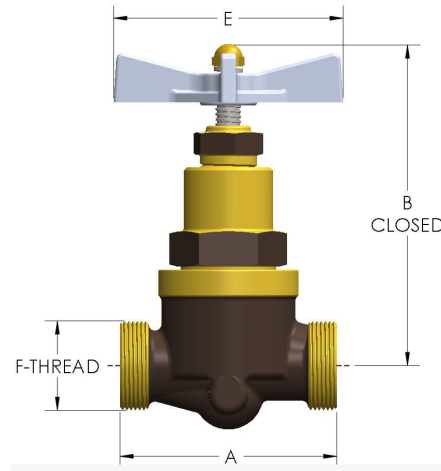
480-3

Product Line

O-SEAL® Needle Valves (400 Series)

Part Description

1/2" Globe Needle Valve with O-SEAL® Ends



## DIMENSIONS

|           |             |
|-----------|-------------|
| Port Dia. | 0.5         |
| A         | 4.250       |
| B         | 6.13        |
| CRN       | 0C17716.2   |
| E         | 4.50        |
| F-THREAD  | 1.750"-12UN |
| Lift      | 0.53        |



## GENERAL

|                     |   |
|---------------------|---|
| Pressure Rating     | 6000 PSI                                      |
| Temperature Range   | -15°F to 275°F (-26°C to 135°C)               |
| Standard Soft Goods | [-G] Polyurethane® Packing and Viton® O-Rings |
| Cartridge Type      | Needle  |
| Connection Type     | O-SEAL® Union Thread                          |
| Connection Size     | 1/2"  |
| Body Material       | Nickel Aluminum Bronze, ASTM B148, UNS C95800 |
| Bonnet Material     | Nickel Aluminum Bronze, ASTM B150, UNS C63200 |
| CRN                 | OC17716.2                                     |

## OPTIONS

|                      |  |
|----------------------|--|
| [-VC] Vacuum Service | Option to add additional softgoods for internal vacuum service.  |
| [-P] Panel Mount     | Option to add external thread and panel mounting nut to bonnet   |
| Port & Vent Options  | [-PA] Port Above Seat (1/8" NPT), [-PB] Port Below Seat (1/8" NPT), '[-VA] Vent Above Seat (3/8"-24 SAE), [-VB] Vent Below Seat (3/8"-24 SAE), |
| Optional Soft Goods  | [-B] Polyurethane® Packing and Buna-N O-Rings, [-C] Viton® Packing & O-Rings, [-D] EPDM Packing & O-Rings                                      |