

BRONZE GLOBE & ANGLE UNION END

DWG 4384536

SIZES: 1/4" to 2"

DESIGN DESCRIPTION: CLASS A

Union Ends Monel Trim
 Union Bonnet Globe and Stop Check versions
 Hard Disc

Bronze body, bonnet, and bonnet ring, with a monel stem, seat ring and disc. There are "O" rings in the body-to-bonnet joint and the union ends. The standard valve has silbraze tailpieces to MIL-F-1183. Available in needle globe design.

DESIGN DESCRIPTION: CLASS B

Union Ends Monel Trim
 Union Bonnet Globe, and Stop Check versions
 Soft Disc

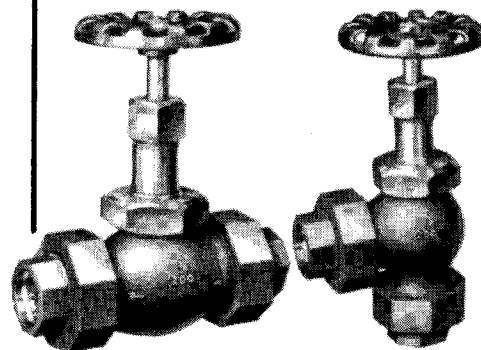
Bronze body, bonnet, and bonnet ring, with a monel stem and seat ring and monel disc with Kel F insert. There are "O" rings in the body-to-bonnet joint and in the union ends. Standard valve has silbraze tailpieces to MIL-F-1183.

PARTS AND MATERIAL LIST:

| DESCRIPTION | MATERIAL | SPECIFICATION |
|----------------------------|-------------------|---------------|
| body | valve bronze | ASTM B61 |
| bonnet | valve bronze | ASTM B61 |
| bonnet ring | comp. bronze | ASTM B62 |
| disc (Class A) | ni-cu alloy | QQ-N-288 |
| disc assembly (Class B) | | |
| disc holder | ni-cu alloy | QQ-N-288 |
| soft disc | Kel-F | commercial |
| disc retainer | ni-cu alloy | QQ-N-288 |
| disc ret. scr. (1/4"-3/4") | ni-cu alloy | QQ-N-281 |
| disc ret. nut (1"-2") | ni-cu alloy | QQ-N-281 |
| disc locknut (1"-2") | comp. bronze | ASTM B62 |
| seat ring | ni-cu alloy | QQ-N-288 |
| stem | ni-cu alloy | QQ-N-281 |
| gland | phosphor bronze | QQ-B-750 |
| stuffing nut | comp. bronze | ASTM B62 |
| packing | TFE imp. asbestos | commercial |
| handwheel | aluminum | commercial |
| union nut | valve bronze | ASTM B61 |
| union tailpiece | | |
| silbraze | valve bronze | ASTM B61 |
| socketweld | cu-ni alloy | MIL-C-15726 |
| | stainless | ASTM A182 |
| butt weld | ni-cu alloy | QQ-N-281 |
| | cu-ni alloy | MIL-C-15726 |
| bonnet "O" ring | buna-N | MIL-P-83461 |
| union "O" ring | buna-N | MIL-P-83461 |
| "O" ring retainer | bronze | ASTM B61 |

PRESSURE / TEMPERATURE RATINGS

400 psi wog 150° F

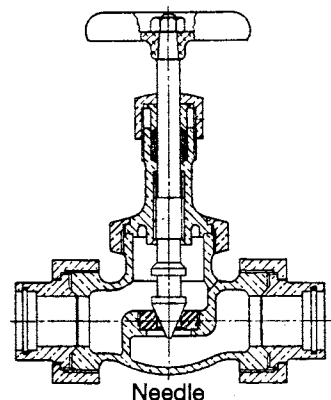


Globe

Angle

FIG. NUMBERS:

| | | |
|-------|-------------------|--------|
| Globe | Class A | 414301 |
| | Class B | 414303 |
| Globe | Stopcheck Class A | 414302 |
| | Stopcheck Class B | 414304 |
| Globe | Needle Class A | 414305 |
| Angle | Class A | 414401 |
| | Class B | 414403 |
| Angle | Stopcheck Class A | 414402 |
| | Stopcheck Class B | 414404 |



Needle

OPTIONAL FEATURES:

These valves are normally furnished with sil-braze tailpieces. Tailpieces can also be furnished with socketweld or butt weld ends in 90/10 or 70/30 coppernickel, monel or stainless.

The "O" Rings (one each at the body and tailpiece joint) can be furnished in the following materials:

1. BUNA-N—For oil service.
2. "EPR"—For water, gas or steam service.

Valve can be supplied with a flow control device and a lockshield and key.