



Schematic Drawing



Features

- Complies with AWWA C515 Standard
- 4" to 12" Size provided with indicator post plate, other sizes - plate provided only when specified at time or order
- Triple O-rings stem seal
- NPT plug on body
- Flanges to ANSI B16.1 Class125
- UL Listed Sizes: 2.5", 3"
- FM Approved Sizes: 2.5", 3", 4", 5", 6", 8", 10" & 12"
- 300PSI Working pressure
- -10°C to 82°C Working temperature
- Corrosion protection - Fusion bonded epoxy coated interior and exterior to AWWA C550 standard

Material Specification

| Part Name | Material | ASTM Spec. |
|------------------|-----------------|-------------------|
| Body | Ductile iron | A536 65-45-12 |
| Wedge | Ductile iron | EPDM Encapsulated |
| Wedge nut | Bronze | B62 C83600 |
| Stem | Stainless steel | AISI 420 |
| Bonnet | Ductile iron | A536 65-45-12 |
| Gasket | Rubber | EPDM |
| Packing | Graphite | Commercial |
| Gland | Ductile iron | A536 65-45-12 |
| Thrust Collar | Brass | C67400 |
| O-ring | Rubber | EPDM |
| Post flange | Ductile iron | A536 65-45-12 |
| Operating nut | Ductile iron | A536 65-45-12 |
| NPT Plug | Malleable iron | Commercial |
| Post flange bolt | Stainless steel | AISI 316 |
| Bonnet bolt | Carbon steel | A307 B |

Notes:

-Design and material are subject to change without notice.

Dimensions (mm/inch)

| Size | 2.5" | | 3" | | 4" | | 5" | | 6" | | 8" | | 10" | | 12" | |
|-------------|------------|------------|------|--------|-------|--------|----------------|-----------------|----------------|----------------|-------|--------|-----|--------|-------|--------|
| | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch |
| OD | 73 76.1 | 2 7/8 3 | 88.9 | 3 1/2 | 114.3 | 4 1/2 | 139.7 141.3 | 5 1/2 6 1/16 | 165.1 168.3 | 6 1/2 6 5/8 | 219.1 | 8 5/8 | 273 | 10 3/4 | 323.9 | 12 3/4 |
| L | 190.5 | 7 1/2 | 203 | 8 | 229 | 9 | 254 | 10 | 267 | 10 1/2 | 292 | 11 1/2 | 330 | 13 | 356 | 14 |
| H | 270 | 10 5/8 | 296 | 11 5/8 | 350 | 13 3/4 | 410 | 16 1/8 | 455 | 17.91 | 545 | 21.46 | 645 | 25 3/8 | 730 | 28 3/4 |
| D | -- | -- | -- | -- | 305 | 12 | 305 | 12 | 305 | 12 | 305 | 12 | 305 | 12 | 305 | 12 |
| Weight (kg) | 13.3 | | 17.5 | | 28 | | 40.5 | | 43.5 | | 68 | | 113 | | 153 | |