

143XU

Cast Steel Globe Valve

Class 150

143XU



GENERAL VALVES

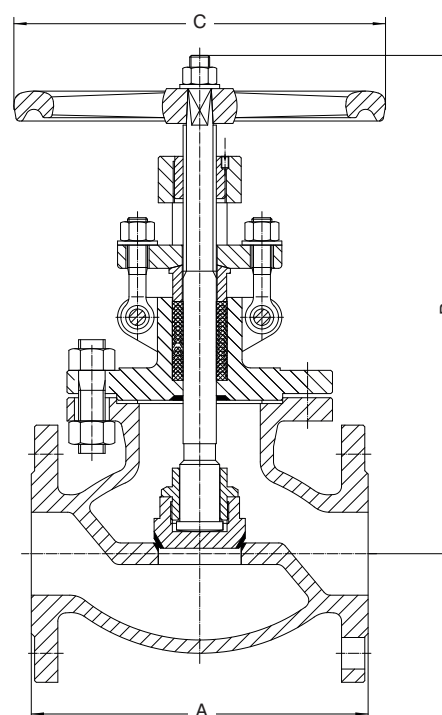
Features & Benefits

- Ideal for throttling service
- Flow characteristics permit accurate and repeatable flow control
- Seat ring is seal welded to eliminate leak paths
- Outside screw & yoke
- Bolted bonnet

Materials

| PART | MATERIAL |
|---------------|--|
| Body | A216 WCB |
| Bonnet | A216 WCB |
| Seat Rings | Hardfaced |
| Disc | ASTM A105 + STL |
| Stem | ASTM A182 F6a Cl. 2. This is equivalent to SS410 |
| Packing | ASTM A276 304 + Graphite |
| Bonnet Gasket | ASTM A276 304 + Graphite |
| Back Seat | 410 SS |
| Disc Stem Nut | Steel |
| Disc Washer | Carbon Steel |
| Gland | 410 SS |
| Gland Flange | WCB |
| Eye Bolt | Steel |
| Eye Bolt Nuts | Steel |
| Pins | - |
| Bonnet Studs | A193 Gr. B7 |
| Bonnet Nuts | A194 Gr. 2H |
| Handwheel | ASTM A536 65-45-12 |
| Handwheel Nut | A194 Gr. 2H |
| ID Tags | SS |
| ID Pins | Steel |

Dimensional Drawing



Dimensions & Weights

| SIZE (inch) | WEIGHT (kg) | A (mm) | B VALVE OPEN (mm) | C (mm) |
|-------------|-------------|--------|-------------------|--------|
| 2 | 17.4 | 203 | 327 | 200 |
| 2 1/2 | 24 | 216 | 366 | 240 |
| 3 | 31.8 | 241 | 418 | 240 |
| 4 | 44.6 | 292 | 446 | 280 |
| 6 | 88 | 406 | 590 | 400 |
| 8 | 143 | 495 | 702 | 450 |
| 10 | 233 | 622 | 983 | 440 |
| 12 | 268 | 698 | 1190 | 540 |

Industry Standards

| | |
|-------------------------|-------------|
| PRESSURE/TEMPERATURE | ANSI B16.34 |
| FACE-TO-FACE/END-TO-END | ANSI B16.10 |
| FLANGE DIMENSIONS | ANSI B16.5 |
| TESTING | API 598 |
| DESIGN | API 623 |

Intermediate pressure ratings shall be determined by interpolation.

SIZE RANGE: 2 - 12 inches **PRESSURE TEMPERATURE RATING:** Class 150

Sizes 10" and 12" are Carbon Steel
 Gearbox operated ASTM A216 Grade WCB
 19.6 Bar / -29 to 38°C
 5.5 Bar / 425°C

Valid as of 250620

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