

Class 300 • Outside Screw & Yoke • Bolted Bonnet

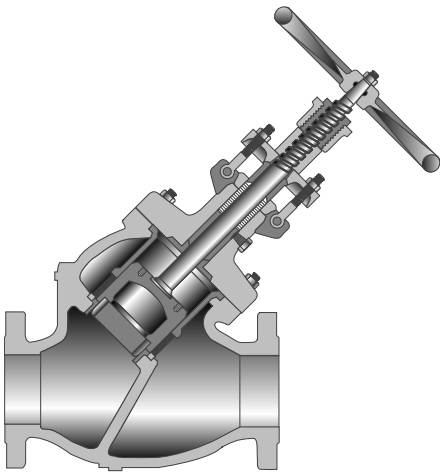


Figure 28
Flanged
Figure 28½
Butt Weld

Size Range:
3 through 10 inches
(80 - 250 mm)

Pressure Temperature Rating
Carbon Steel
ASTM A216 Grade WCB
740 psi @ -20°F to 100°F
(51 bar @ -28°C to 37°C)

Notes

- Butt weld ends on valves 10" (250 mm) and smaller are bored to match standard pipe unless otherwise specified. For larger valves, diameter (I.D. of pipe) of bore must be specified.
- Sizes 8" and 10" (200 mm & 250 mm), Class 300 are equipped with a hammer-blow handwheel.

Industry Standards

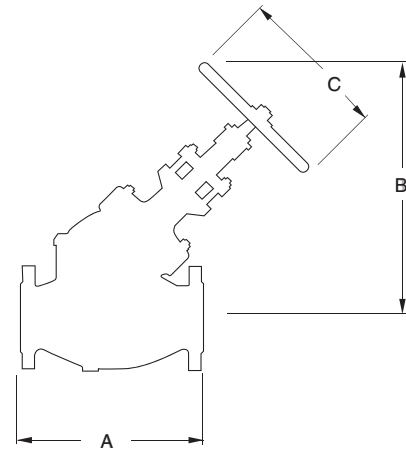
Steel Valves	ASME B16.34
Face-to-Face/End-to-End	ASME B16.10
Flange Dimensions	ASME B16.5
Weld End	ASME B.16.25
Testing	API 598

Material of Construction*

Description	Material
Body	ASTM A216 WCB
Bonnet	ASTM A216 WCB
Disc	Hardfaced
Stem	13% Chrome
Body Gasket	Soft Steel
Body Studs	ASTM A194 B7
Body Nuts	ASTM A194 2H
Eyebolts	Carbon Steel
Groove Pins	Carbon Steel
Liner	13% Chrome
Seat	13% Chrome
Gland	13% Chrome
Gland Flange	Carbon Steel
Handwheel	Ductile Iron
Yokesleeve	Bronze

NOTE:

*Standard construction: WCB-Trim 8, other options are available.



Dimensions and Weights

Inches (millimeters) - pounds (kilograms)

Valves	3 (80)	4 (100)	6 (150)	8 (200)	10 (250)
A	14.75 (374)	17.00 (431)	21.50 (546)	26.00 (660)	30.00 (762)
B	22 (558)	27 (685)	34 (863)	41 (1041)	48 (1219)
C	10 (254)	14 (355)	18 (457)	20 (508)	30 (762)
Wt. (28)	140 (63)	260 (117)	430 (195)	770 (349)	1320 (598)
Wt. (28½)	125 (56)	225 (102)	395 (179)	755 (342)	1265 (573)