

## Class 300 • Outside Screw & Yoke • Bolted Bonnet

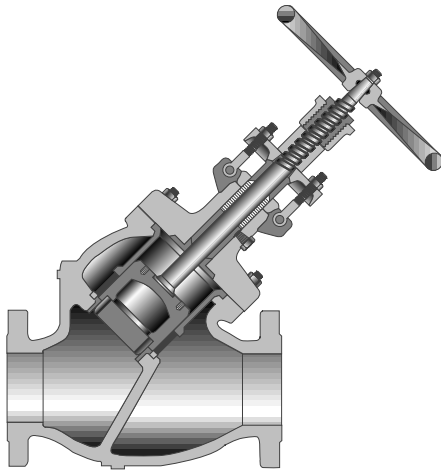


Figure 28  
Flanged  
Figure 28<sup>1/2</sup>  
Butt Weld

**Size Range:**  
3 through 10 inches

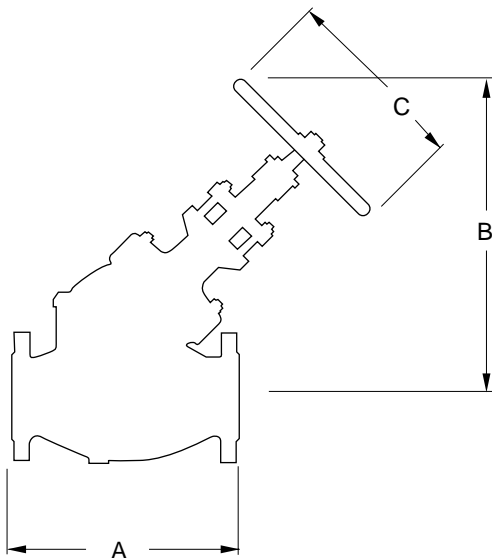
**Pressure Temperature Rating**  
Carbon Steel  
ASTM A216 Grade WCB  
740 psi @ -20°F to 100°F

### Notes

- Butt weld ends on valves 10" 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", Class 300 are equipped with a hammer-blow handwheel.

### 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	Carbon Steel
Seat	13% Chrome
Gland	13% Chrome
Gland Flange	Carbon Steel
Handwheel	Ductile Iron
Yokesleeve	Bronze



### Industry Standards

Steel Valves	ANSI B16.34
Face-to-Face/End-to-End	ANSI B16.10
Flange Dimensions	ANSI B16.5
Weld End	ANSI B16.25
Testing	API 598

### Dimensions and Weights

Valve Size	Weight (pounds)		Dimensions (inches)		
	28	28 <sup>1/2</sup>	A	B	C
3	140	125	14.75	21.50	10.00
4	260	225	17.00	26.50	14.00
6	430	395	21.50	33.50	18.00
8	770	755	26.00	40.50	20.00
10	1320	1265	30.00	47.50	30.00