

Class 300 • Outside Screw & Yoke • Bolted Bonnet

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

Figure 30

Flanged

Figure 30^{1/2}

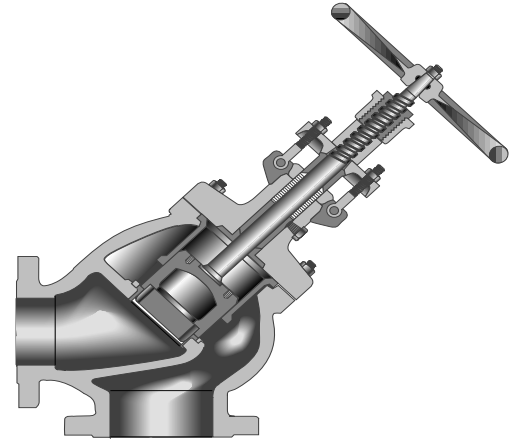
Butt Weld

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.



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)		
	30	30 ^{1/2}	A	B	C
3	120	90	6.25	16.50	10.00
4	200	160	7.00	21.00	14.00
6	370	320	8.75	26.50	18.00
8	680	570	10.50	32.00	20.00
10	1120	970	12.25	38.00	30.00

