

Class 600 • Outside Screw & Yoke • Bolted Bonnet

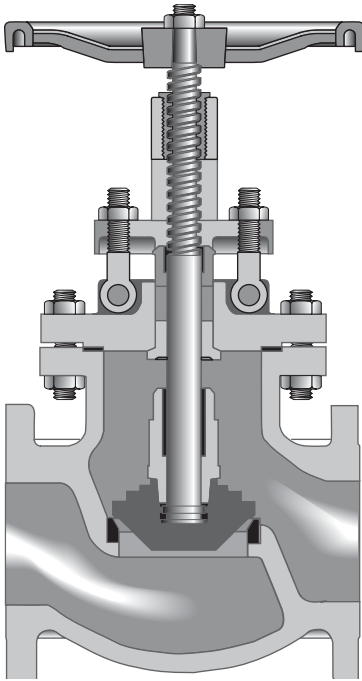
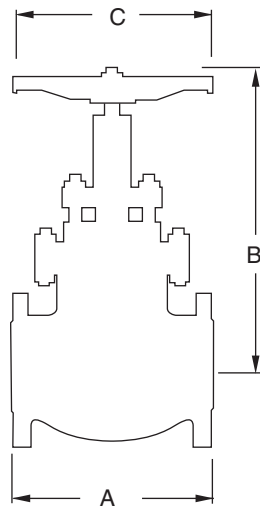


Figure 171
Flanged
Figure 171½
Butt Weld

Size Range:
2 through 8 inches
(50 - 200 mm)

Pressure Temperature Rating
Carbon Steel
ASTM A216 Grade WCB
1480 psi @ -20°F to 100°F
(102 bar @ -28°C to 37°C)



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	WCB
Bonnet	WCB
Seat Rings	Hardfaced
Disc	13% CR Overlay
Stem	410 SS
Packing	Graphite
Bonnet Gasket	Ring Type Joint
Back Seat	410 SS
Disc Stem Nut	410 SS
Disc Washer	Carbon Steel
Gland	410 SS
Gland Flange	WCB
Eye Bolt	Steel
Eye Bolt Nuts	A563 Gr. A or O
Pins	-
Bonnet Studs	A193 Gr. B7
Bonnet Nuts	A194 Gr. 2H
Handwheel	WCB
Handwheel Nut	A194 Gr. 2H
I.D. Tags	SS
I.D. Pins	Steel

NOTES:

*Standard construction: WCB-Trim 8, other options are available. Crane recommends the use of manual or powered gear assistance for Class 600 valves.

Dimensions and Weights

Inches (millimeters) - pounds (kilograms)

Valves	2 (50)	2½ (65)	3 (80)	4 (100)	6 (150)	8 (200)
A	11.50 (292)	13.00 (330)	14.00 (356)	17.00 (431)	22.00 (558)	26.00 (660)
B (Open)	19 (482)	21 (533)	23 (584)	27 (685)	33 (838)	36 (914)
C	10 (254)	10 (254)	14 (355)	18 (457)	20 (508)	26 (660)
Wt. (171)	126 (57)	154 (69)	188 (85)	270 (122)	890 (403)	990 (449)
Wt. (171½)	79 (35)	100 (45)	187 (84)	271 (122)	890 (403)	990 (449)