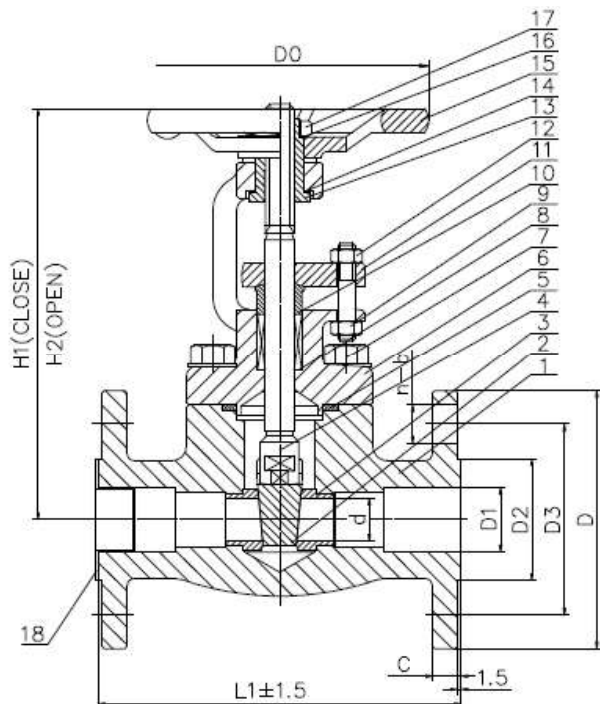


Gate Valves • Class 150 • Flanged • FB3510XUF

BOLTED BONNET – FULL PORT – ISO 15761

Outside Screw & Yoke



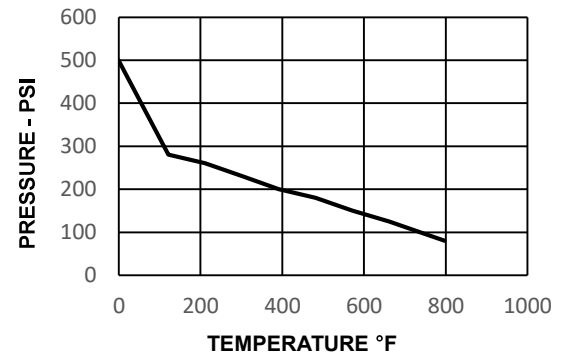
APPLICABLE STANDARDS:

BASIC DESIGN: API 602
 FACE TO FACE AND END TO END
 DIMENSIONS OF VALVES: ASME B16.10
 FLANGED END: ASME B16.5
 TEST AND INSPECTION: API 598
 RATINGS: Carbon Steel
 Class 150– 285 P.S.I. @ 100°F

Materials of Construction

No.	Description	Qty	Material
1	Body	1	A105
2	Disc	1	3Cr13
3	Seat ring	2	1Cr13+STL
4	Stem	1	1Cr13
5	Gasket	1	304+Graphite
6	Bonnet	1	A105
7	Bonnet Bolt	4	A193-B7
8	Packing	1 Set	Graphite
9	Gland Bolt	2	A193-B7
10	Packing Flange	1	1Cr13
11	Gland Flange	1	A105
12	Nut	4	A194-2H
13	Stem Nut	1	1Cr13
14	Washer	2	1Cr13
15	Hand Wheel	1	KTH330-08
16	Nameplate	1	304
17	Hand Wheel Nut	1	20
18	Plug	2	Plastic

Pressure - Temperature Rating



Dimensions

Valve Size	L1		H1		H2		D0		d		D1		D2		D3		D		C		n-bolt holes		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	n	mm	in.
1/2	109	4.29	149	5.87	163	6.42	85	3.35	13.6	0.54	18	0.71	35	1.38	60.3	2.37	90	3.54	12	0.47	4	16	0.62