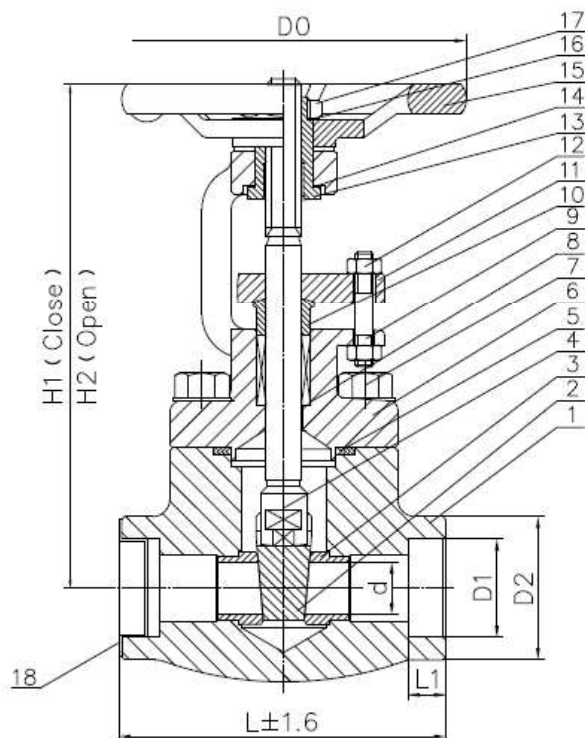


Gate Valves • Class 800 • Socket Weld • B3604XUW

BOLTED BONNET – REGULAR PORT – ISO 15761

Outside Screw & Yoke



APPLICABLE STANDARDS:

BASIC DESIGN: API 602

SOCKET WELD END: ASME B16.11

TEST AND INSPECTION: API 598

RATINGS: Carbon Steel

Class 800 – 1975 P.S.I. @ 100°F

Dimensions

Valve Size	L		d		H1		H2		D0		D2		L1		D1	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
1/2	79	3.11	10	0.39	149	5.87	163	6.42	85	3.35	34	1.34	10	0.39	21.7	0.85
3/4	92	3.62	13.6	0.54	149	5.87	166	6.54	85	3.35	38	1.50	13	0.51	27.1	1.07
1	111	4.37	18	0.71	171	6.73	190	7.48	120	4.72	46	1.81	13	0.51	33.8	1.33
1 1/4	120	4.72	29	1.14	212	8.35	246	9.69	150	5.91	56	2.20	13	0.51	42.7	1.68
1 1/2	120	4.72	29	1.14	212	8.35	246	9.69	150	5.91	62	2.44	13	0.51	48.7	1.92
2	140	5.51	48.3	1.90	240	9.45	283	11.14	170	6.69	76	2.99	16	0.63	61.1	2.41

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

