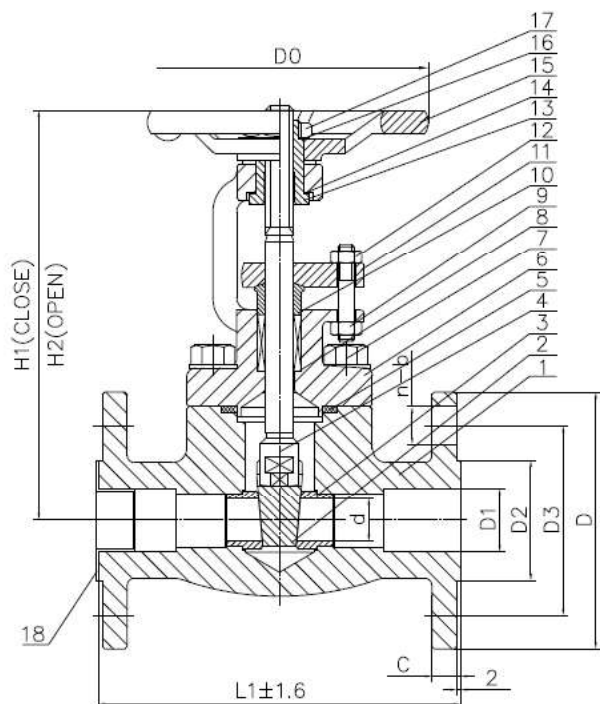


Gate Valves • Class 300 • Flanged • B3514XUF

BOLTED BONNET – REGULAR 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

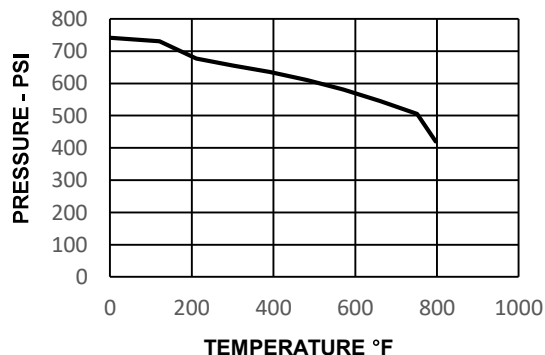
RATINGS: Carbon Steel

Class 300– 740 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	A194M-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	140	5.51	149	5.87	163	6.42	85	3.35	10	0.39	17	0.67	35	1.38	66.5	2.62	95	3.74	15	0.59	4	16	0.62
3/4	152	5.98	149	5.87	166	6.54	85	3.35	13.6	0.54	22	0.87	43	1.69	82.6	3.25	115	4.53	16.5	0.65	4	19	0.75
1	165	6.50	171	6.73	190	7.48	120	4.72	18	0.71	27	1.06	51	2.01	89	3.50	125	4.92	18	0.71	4	19	0.75
1 1/4	178	7.01	195	7.68	219	8.62	150	5.91	24	0.94	34	1.34	63.5	2.50	98.5	3.88	135	5.31	19.5	0.77	4	19	0.75
1 1/2	190	7.48	212	8.35	246	9.69	150	5.91	29	1.14	42	1.65	73	2.87	114	4.49	156	6.14	21.5	0.85	4	22	0.88
2	216	8.50	240	9.45	283	11.14	170	6.69	36.8	1.45	51	2.01	92	3.62	127	5.00	165	6.50	23	0.91	8	19	0.75