

GATE VALVE CLASS 600 FORGED STEEL FLANGED END RF / RTJ



Material of Construction

Body	: ASTM A105 N, CF8, CF8M, 316/316L NACE, F11, F22, LF2
Bonnet	: ASTM A105 N, CF8, CF8M, 316/316L NACE, F11, F22,
Wedge	: ASTM A105 N, CF8, CF8M, 316/316L NACE, F11, F22, LF2
Trim	: ASTM A82 Gr. F6, 11, 12, 8, 5
Seat	: HF Stellite
Gland Packing	: Graphite Asbestos, INHIB, inconel wire rein
Bolt + Nut	: B7/2H - B8/8 or B7/2H
Gasket	: SPW SS304/316 with CAF/Grafoil

Ratings (ASTM A105)

600 p.s.i. @ 850°F
1480 p.s.i. @ 100°F

Test pressure (ASTM A105)

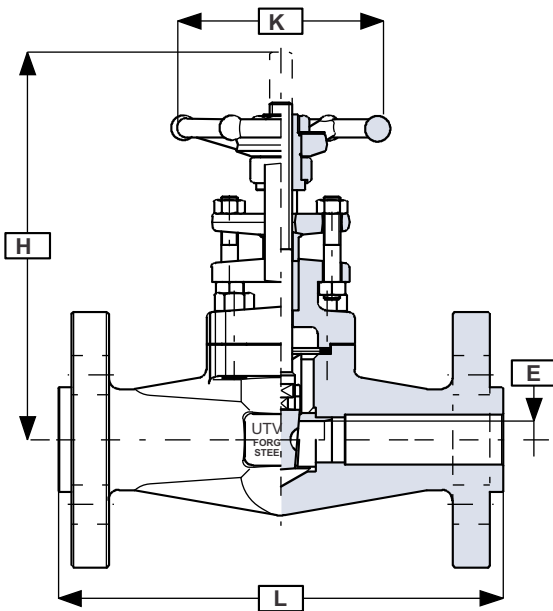
Hydraulic: (minimum)
Body - 2225 p.s.i.
Seat - 1650 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction	API 602, BS 5352
Flanged	ASME B16.5, ASME B16.10
Test	API 598-BS 6755 (Pt.1)

Connections

RF	Raised face (std.)	LF	Large female
RJ	Ring joint	LG	Large groove
SF	Small female	LM	Large male
SG	Small groove	LT	Large tongue
SM	Small male		
ST	Small tongue		



CONVENTIONAL BORE

			1/2"	3/4"	1"		1.1/2"	2"
L (mm/in)			165,1 6,50	190,5 7,50	215,9 8,50		241,3 9,50	292,1 11,50
H (mm/in)			145 5,71	156 6,14	186 7,32		255 10,04	273 10,75
K (mm/in)			90 3,54	90 3,54	100 3,94		140 5,51	140 5,51
E (mm/in)			10 0,39	14 0,55	18 0,71		31 1,22	36,5 1,44
Wt. (kg/lb)			3,5 7,7	5,8 12,8	7,4 16,3		14,3 31,5	18,8 41,4
Catal. no.								

FULL BORE

			1/2"	3/4"	1"		1.1/2"	2"
L (mm/in)			165,1 6,50	190,5 7,50	215,9 8,50		241,3 9,50	292,1 11,50
H (mm/in)			176 6,93	206 8,11	216 8,50		255 10,04	334 13,15
K (mm/in)			90 3,54	100 3,94	120 4,72		140 5,51	200 7,87
E (mm/in)			14 0,55	18 0,71	24 0,94		34 1,34	48 1,89
Wt. (kg/lb)			3,9 8,6	7,0 15,4	10,3 22,7		16,5 36,3	25,0 55,0
Catal. no.								