

GATE VALVE FORGED STEEL WELDED BONNET CLASS 1500 / 2500 SW/NPT/BW

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, LF2
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)

1500 p.s.i. @ 850°F
3705 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic: (minimum)

Body - 5575 p.s.i.

Seat - 4100 p.s.i.

Air under water:

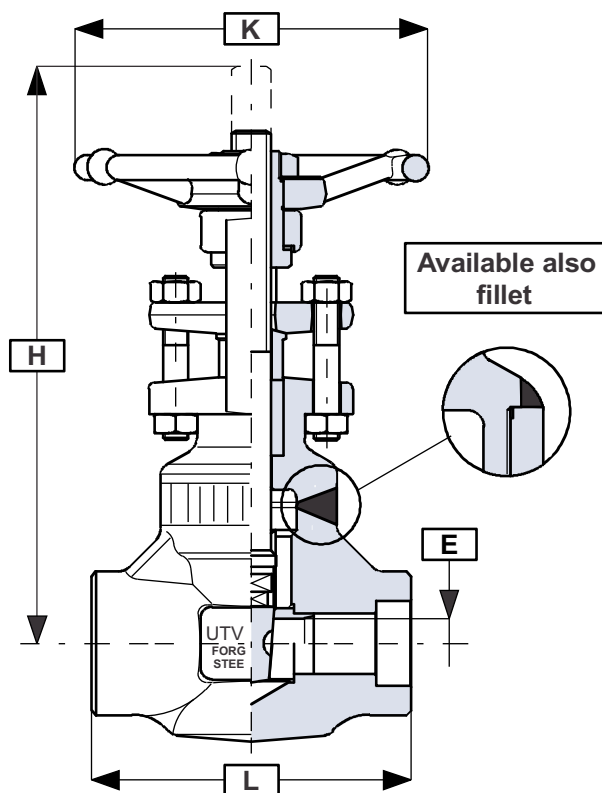
Seat - 85 p.s.i.

Standards

Construction	BS 5352
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	BS 6755 (Pt.1)

Connections

SW	Socket weld	B8	Butt weld 80
TH	threaded NPT		
TS	Sw/NPT		
SE	Sw(e)/NPT		
SU	Sw(u)/NPT		
B6	Butt weld 160		



STANDARD BORE									
			1/2"		3/4"		1"		
L (mm/in)			90 3,54		110 4,33		127 5,00		
H (mm/in)			175 6,88		217 8,54		234 9,54		
K (mm/in)			120 4,72		175 6,89		175 6,89		
E (mm/in)			11,5 0,45		15 0,59		19,5 0,77		
1 1/2"									
2"									
L (mm/in)			130 5,12		150 5,90				
H (mm/in)			295 11,61		375 14,76				
K (mm/in)			200 7,87		260 10,24				
E (mm/in)			32 1,26		40 1,57				
Wt.(kg/lb)			2,0 4,4		3,2 7,0		4,9 10,8		
Catal.no.									