

CHECK VALVE CLASS 800/600 FORGED STEEL SCREW / SOCKET WELD / BUTT WELD

Material of Construction

Body	: ASTM A105 N, CF8, CF8M, 316/316L NACE, F11, F22, LF2
Cover	: ASTM A105 N, CF8, CF8M, 316/316L NACE, F11, F22, LF2
Plug	: ASTM A105 N, CF8, CF8M, 316/316L NACE, F11, F22, LF2
Seat	: HF Stellite SS/304/316/Cr. 13%
Bolt + Nut	: B7/2H - B8/8 or B7/2H
Gasket	: SPW SS304/316 with CAF/Grafoil

Ratings (ASTM A105)

800 p.s.i. @ 850°F
1975 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic: (minimum)
Body - 3000 p.s.i.
Seat - 2175 p.s.i.
Air under water:
not applicable

Standards

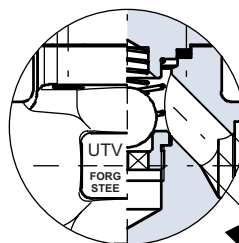
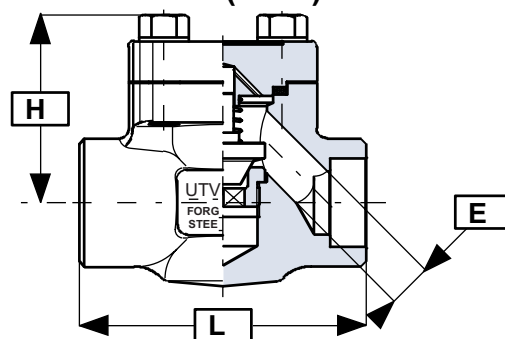
Construction	BS 5352
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	BS 6755 (Pt.1)

Connections

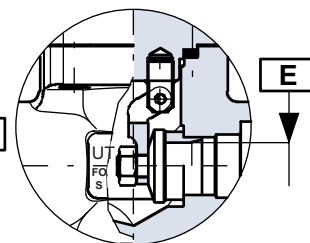
SW	Socket weld	B8	Butt weld 80
TH	Threaded NPT		
TS	Sw/NPT		
SE	Sw (in)/NPT		
SU	Sw (out)/NPT		
B4	Butt weld 40		



Piston (.P4../)



Ball (.B4../)



Swing (.S5../)

REDUCED BORE								
			1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
L (mm/in)			80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69
H (mm/in)			50 1,97	56 2,20	74 2,91	79 3,11	100 3,94	109 4,29
E (7)(mm/in)			9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt.(kg/lb)			1,1 2,4	1,8 4,0	2,6 5,7	3,6 7,9	5,5 12,1	8,4 18,5
Catal. no.								

FULL BORE								
	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
L (mm/in)	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
H (mm/in)	50 1,97	50 1,97	56 2,20	74 2,91	79 3,11	100 3,94	109 4,29	135 5,31
E (7)(mm/in)	6,5 0,26	9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26	38 ⁽⁶⁾ 1,50
Wt.(kg/lb)	1,1 2,4	1,1 2,4	1,8 4,0	2,6 5,7	3,6 7,9	5,5 12,1	8,4 18,5	11,8 26,0
Catal. no.								