

FORGED CHECK VALVES CL 1500 #

**CHECK VALVE FORGED STEEL BOLTED COVER  
 CLASS 1500 SW/NPT/BW**

**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)**

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:**  
 not applicable

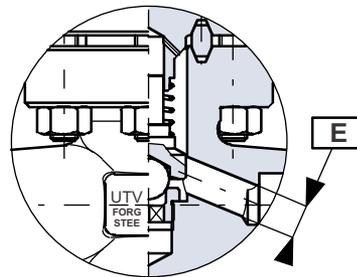
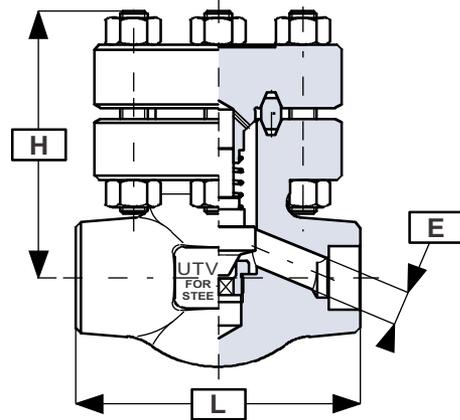
**Standards**

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

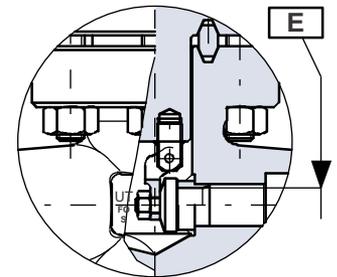
**Connections**

<b>SW</b> Socket weld	<b>B8</b> Butt weld 80
<b>TH</b> Threaded NPT	
<b>TS</b> Sw/NPT	
<b>SE</b> Sw (in)/NPT	
<b>SU</b> Sw (out)/NPT	
<b>B6</b> Butt weld 160	

**Piston (P.../)**



**Ball (B.../)**



**Swing (S.../)**

		STANDARD BORE									
		1/2"		3/4"		1"		1 1/2"		2"	
<b>L (mm/in)</b>		<b>110</b>	4,33	<b>115</b>	4,53	<b>130</b>	5,12	<b>210</b>	8,27	<b>240</b>	9,45
<b>H (mm/in)</b>		<b>93</b>	3,66	<b>109</b>	4,29	<b>122</b>	4,80	<b>158</b>	6,22	<b>171</b>	6,73
<b>E<sup>(4)</sup>(mm/in)</b>		<b>11</b>	0,43	<b>14,5</b>	0,57	<b>19</b>	0,75	<b>31</b>	1,22	<b>37,5</b>	1,48
<b>Wt. (kg/lb)</b>		<b>3,8</b>	8,4	<b>5,9</b>	13,0	<b>6,8</b>	15,0	<b>18,8</b>	41,4	<b>23,7</b>	52,1
<b>Catal. no.</b>											