

ENGINEERING RE-DEFINED



**Forged Steel Gate,  
Globe & Check Valve**

ISO 9001  
BUREAU VERITAS  
Certification



**50**  
Years  
OF SERVICE



# LIFT Check Valve

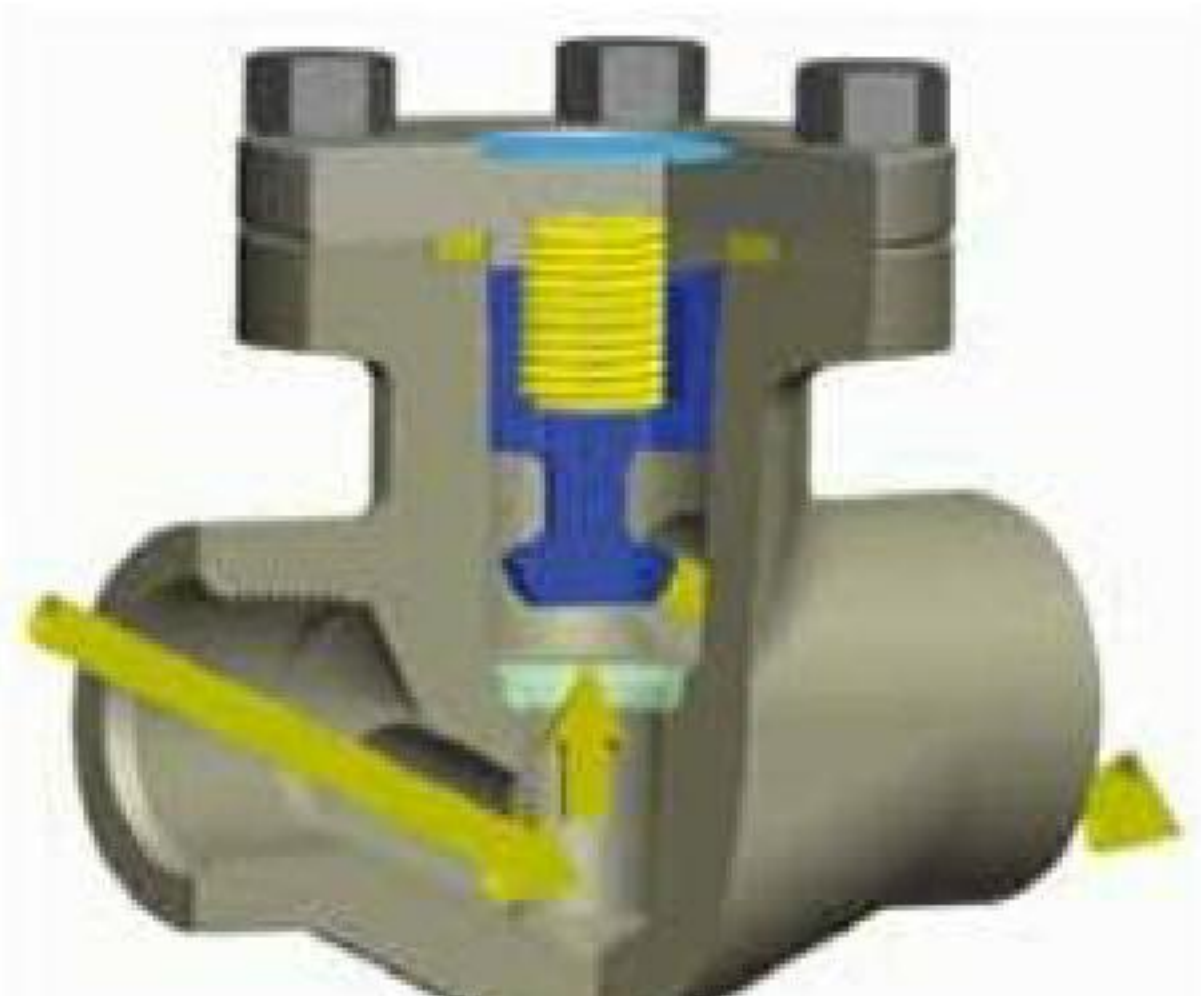


Check valves are Spring-controlled designed for horizontal or vertical (upward) flow applications. Check valves are designed to prevent reverse flow. Leakage rate for check valves with metal-to-metal seats are dependent on the amount of back pressure and the viscosity of the flowing medium. The recommended pressure differential should be 300 to 500 psi minimum for proper seating of the disc. Metal-seated check valves should not be used in gas or low back pressure liquid applications or if zero leakage is desired. Please ask for optional Soft seated plug for such services.

Size	Class	Ends	Model No.
8-50 mm 1/4" to 2"	800	Threaded to BSP "II"	CH-1-R-P-A4
		Threaded to NPT	CH-1-R-N-A4
		Socketweld	CH-1-R-W-A4
		Buttweld	CH-1-R-B-A4
20-40 mm 3/4" to 1 1/2"	1500	Threaded to BSP "II"	CH-1-R-P-A6
		Threaded to NPT	CH-1-R-N-A6
		Socketweld	CH-1-R-W-A6
		Buttweld	CH-1-R-B-A6
15-50 mm 1/2" to 2"	150	Welded Flange, Raised face	CH-1-R-F-A1
	300		CH-1-R-F-A2
	600		CH-1-R-F-A3



WITHOUT SPRING SUPPORT



WITH SPRING SUPPORT

**FEATURES**

- Reduced or Full Port
- Spiral Wound Gasket of Stainless Steel
- Bolted Cap
- Socket Weld or Threaded Ends
- Replaceable or Integral Hardfaced Seat

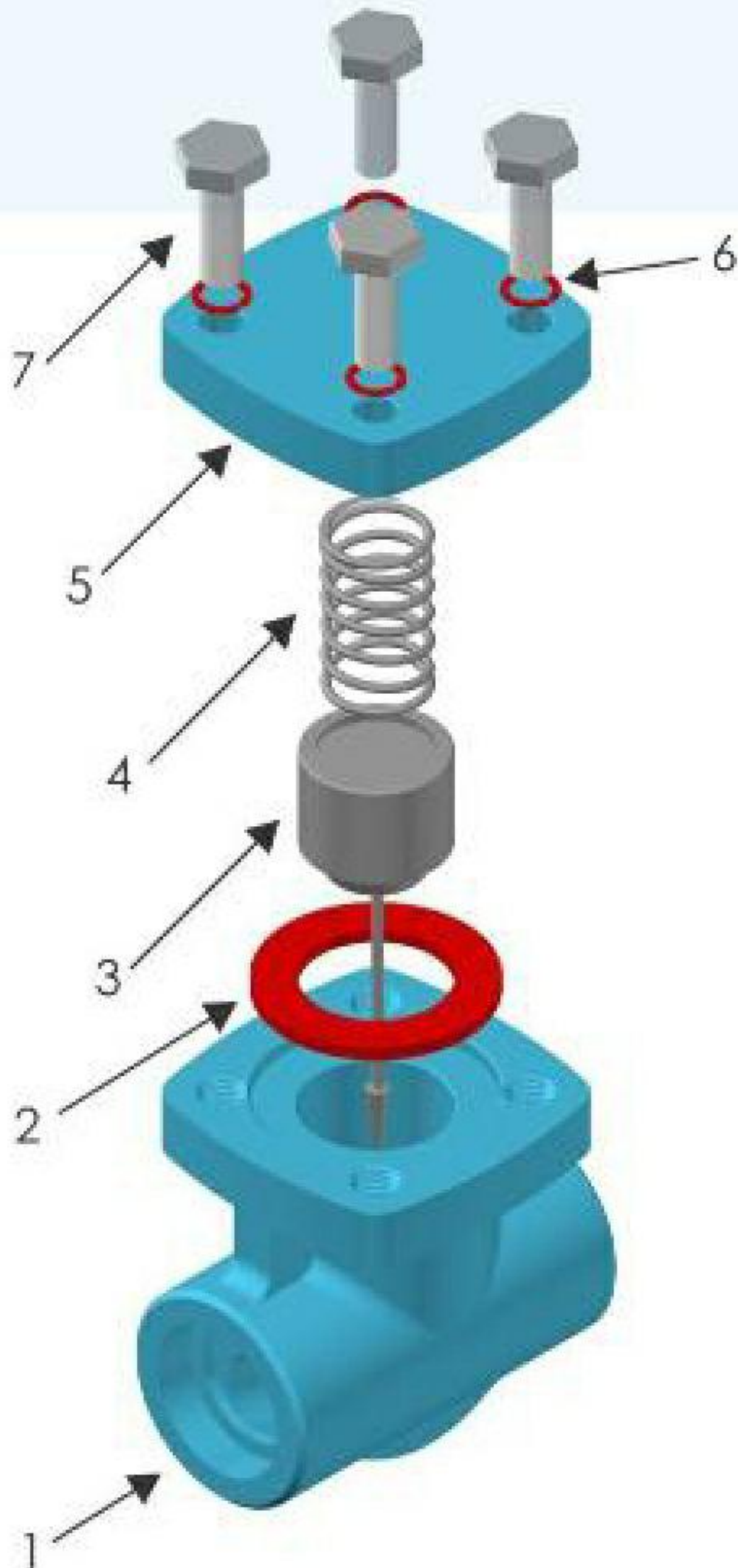
**STANDARDS COMPLIANCE**

- Valve Design EN ISO 15761 & ASME B16.34
- End to End ASME B16.10 for flanged valves & MEWPL Std. for threaded / socket & Buttweld ends
- Threaded as per BSP II - IS 554 & NPT as per ANSI B 1.20.1
- Socket weld as per ANSI B 16.11
- Buttweld Dimensions ASME B16.25
- Flanged Dimensions ASME B16.5 & ISO 7005-1 Part.

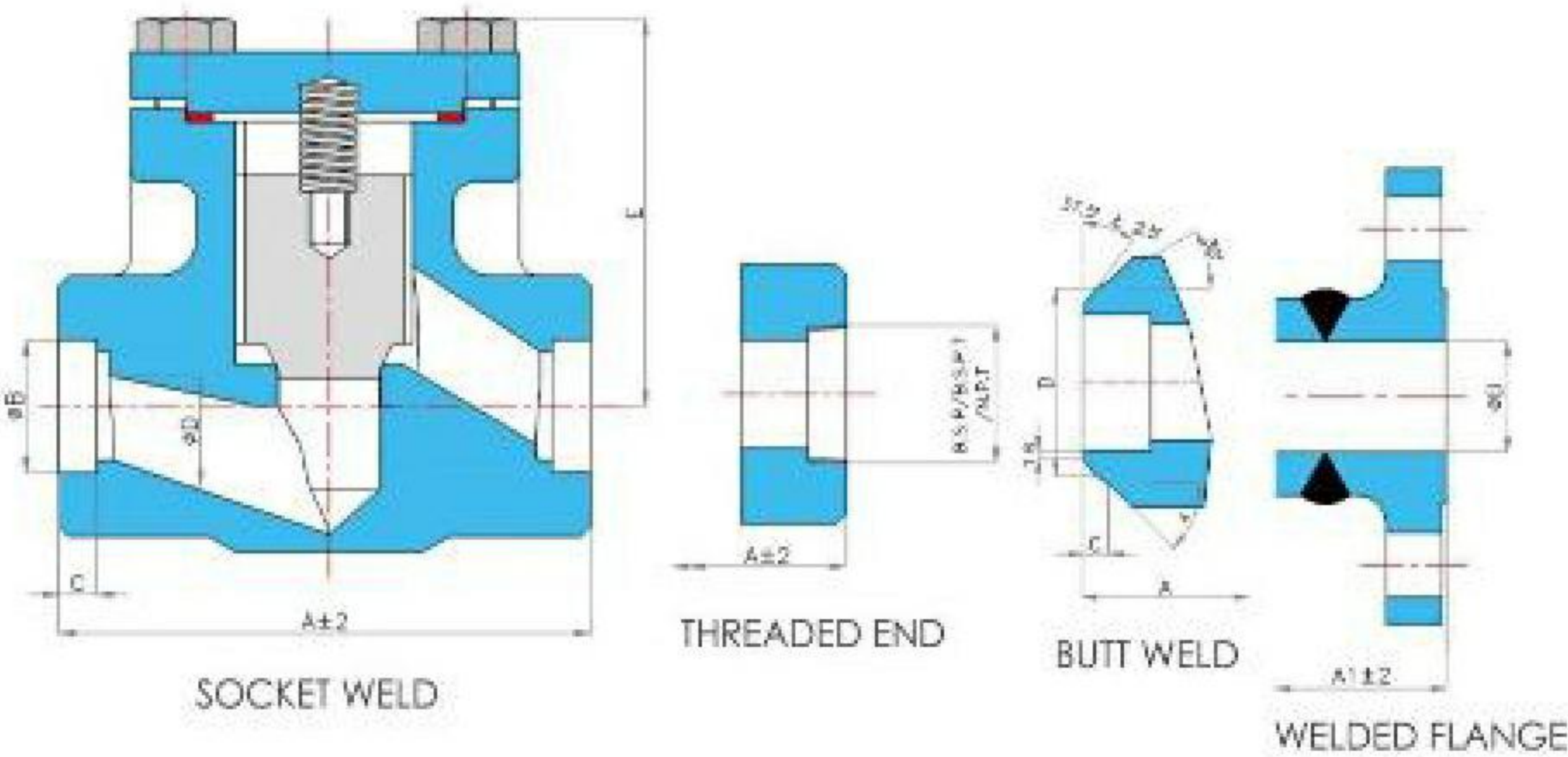
**TESTS AND CERTIFICATES**

- Pressure testing API 598
- Other ISO 9001:2008

No.	DESCRIPTION	MATERIAL				
		A 105N	A182 F 304	A182 F 304 L	A182 F 316	A182 F 316 L
1	BODY	A 105N	A182 F 304	A182 F 304 L	A182 F 316	A182 F 316 L
2	BODY JOINT GASKET	SS 304 SPW + GRAPHITE				
3	PLUG	A276-420 OR WITH STL.	304/304 STL.	304 L/304L STL.	316/316 STL.	316 L /316 L STL.
4	SPRING	SPRING STEEL	SS 304	SS 304 L	SS 316	SS 316 L
5	COVER	A 105N	A182 F 304	A182 F 304 L	A182 F 316	A182 F 316 L
6	SPRING WASHER	SPRING STEEL	SS 304			
7	COVER BOLT	A 193 GR.B7	A 193 GR.B7 OR B8			



SIZE	B	H	SCREWED, BUTTWELD & SOCKET 800#			CLASS 150	CLASS 300	CLASS 600
			A	B1	C		A1	
15	12.7	54	87	21.7	9.5	108	140	165.1
20	19	63	90	27.1	12.7	117.58	152	190.5
25	25.4	77	105	33.8	12.7	127	165	215.9
32	32	98	128	42.5	12.7	140	178	229
40	38	98	128	48.6	12.7	165	190.5	241
50	50.8	105	142	61.1	16	203	216	292



ALL DIMENSIONS ARE IN MM

Design and dimensions are subject to change without prior notice



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