

FORGED STEEL OR STAINLESS STEEL Y-PATTERN LIFT CHECK VALVE BOLTED COVER DESIGN

DESIGN DESCRIPTION:

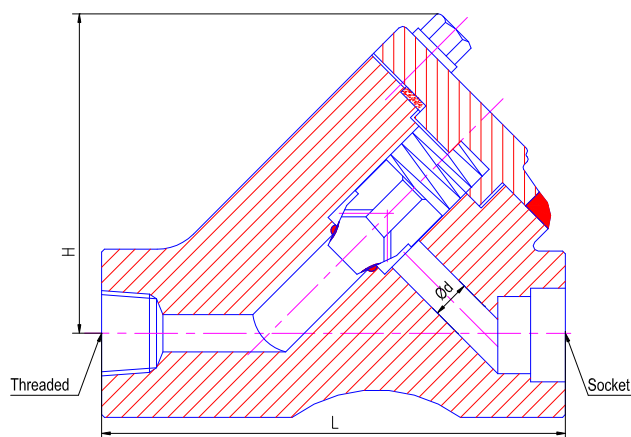
- Design: BS5352, MSS SP-118;
- Manufacture: BS5352, MSS SP-118;
- End To End: B16.10;
- Socket Welding: ANSI B16.11;
- Thread: ANSI B1.20.1;
- Test: API598;
- Bolted Cover, Class 800/1500 Body;
- Y-Pattern, Lift Type, Threaded or Socket Welding Ends;
- Full Bore Or Standard Port;
- Material and Working Temp.:
 - ◆ A105: -29 °C-420 °C(-20 °F-822 °F)
 - ◆ LF2: -46 °C-345 °C(-50 °F-653 °F)
 - ◆ F304: -196 °C-649 °C(-320 °F-1200 °F)
 - ◆ F316: -196 °C-816 °C(-320 °F-1500 °F)
 - ◆ F11/F22: -29 °C-595 °C(-20 °F-1100 °F)
 - ◆ F5: -29 °C-649 °C(-20 °F-1200 °F)



PARTS AND MATERIAL:

PARTS NAME	MATERIALS
CAP	ASTM A105/F304/F316/F304L/F316L
GASKET	GRAPHITE+304/GRAPHITE+316
BODY	ASTM A105/F304/F316/F304L/F316L
SEAT	13CR/SS304/SS316/SS304L/SS613L
DISC/BALL	ASTM A182 F6/F304/F316/F304L/F316L
SPRING	SS304/SS316/SS304L/SS613L
BOLT	ASTM A194 2H/A194 8/A194 8M

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

CLASS 600/800						
DN		SIZE		d	H	L
STD	FULL	STD	FULL			
15	10	1/2"	3/8"	10	70	98
20	15	3/4"	1/2"	13	70	98
25	20	1"	3/4"	17.5	100	111
32	25	1-1/4"	1"	23	110	140
40	32	1-1/2"	1-1/4"	30	120	140
50	40	2"	1-1/2"	35	120	155
	50	2-1/2"	2"	46	150	170
CLASS 900/1500						
DN		SIZE		d	H	L
STD	FULL	STD	FULL			
15	10	1/2"	3/8"	9	70	98
20	15	3/4"	1/2"	12	70	111
25	20	1"	3/4"	15	100	111
32	25	1-1/4"	1"	20	110	140
40	32	1-1/2"	1-1/4"	28	110	140
50	40	2"	1-1/2"	32	120	155
			2"	40	150	170

Remark: Our design can be suitable for all standard (BS, DIN, ANSI, JIS standard etc.)

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.