

FORGED STEEL OR STAINLESS STEEL LIFT CHECK VALVE BOLTED COVER DESIGN

DESIGN DESCRIPTION:

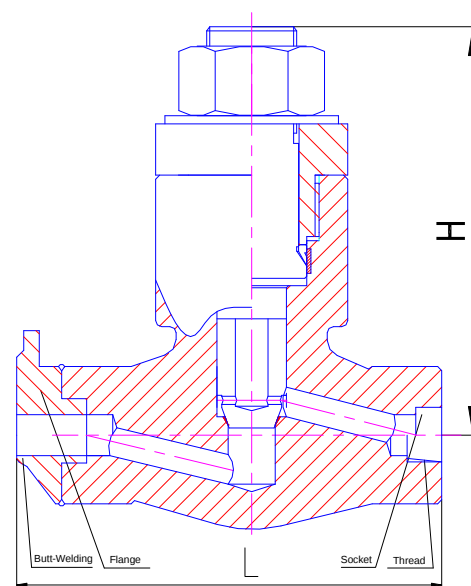
- Design: BS5352, MSS SP-118;
- Manufacture: BS5352, MSS SP-118;
- End To End: B16.10;
- Face To Face: B16.10;
- Flange: ANSI B16.5;
- Butt-Welding: ANSI B16.25;
- Socket Welding: ANSI B16.11;
- Thread: ANSI B1.20.1;
- Test: API598;
- Bolted Cover, Class 800/1500 Body;
- Ball Or Lift Type, Threaded or 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):

DN		15	20	25	32	40	50
SIZE		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Socket/Thread							
d	CL900/1500	12	15	20	28	32	40
	CL2500	11	14	19	25	28	35
L	CL900/1500	140	140	140	178	178	216
	CL2500	186	186	186	232	232	279
W	CL900/1500	200	200	200	280	280	300
	CL2500	200	200	200	280	280	300
H	CL900/1500	320	320	320	440	440	490
	CL2500	375	378	380	490	490	540
Flange/Butt-Welding							
d	CL900/1500	12	15	20	28	32	40
	CL2500	12	15	20	28	32	40
L	RF/BW	216	229	254	280	305	368
	RTJ	216	229	254	280	305	371
L	RF/BW	264	273	308	349	384	450
	RTJ	264	273	308	349	387	454
H	CL900~2500	117	117	117	152	152	195

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.