

FORGED STEEL OR STAINLESS STEEL PISTON CHECK VALVE RESILIENT DESIGN

DESIGN DESCRIPTION:

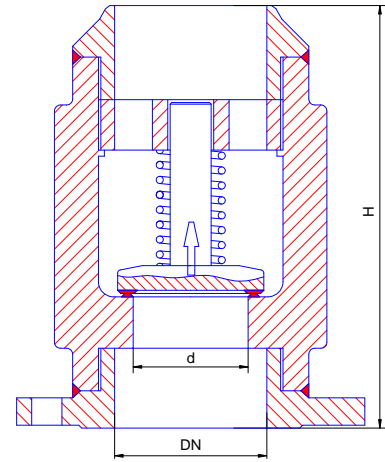
- Design: API594;
- Manufacture: Factory STD;
- Face To Face: factory STD
- Flange: ANSI B16.5(Class150~1500),
DIN 2543/2544/2545/2546, EN1092-1;
- Test: API598, DIN3230, EN 12266-1;
- Bars Body, Simple Disc, Resilient Type;
- Piston Type, (Welding) Flanged/Butt-Welding Ends;
- Standard Port;
- Material and Working Temp.:
 - ◆ A105: -29℃-420℃(-20℉-822℉)
 - ◆ LF2: -46℃-345℃(-50℉-653℉)
 - ◆ F304: -196℃-649℃(-320℉-1200℉)
 - ◆ F316: -196℃-816℃(-320℉-1500℉)
 - ◆ F11/F22: -29℃-595℃(-20℉-1100℉)
 - ◆ F5: -29℃-649℃(-20℉-1200℉)



PARTS AND MATERIAL:

PARTS NAME	MATERIALS
CAP	ASTM A105/SS304/SS316/SS304L/SS316L
BODY	ASTM A105/F304/F316/F304L/F316L
SEAT	13CR/SS304/SS316/SS304L/SS613L
DISC	ASTM A105+13CR/F304/F316/F304L/F316L
SPRING	SS304/SS316/SS304L/SS613L

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

DN	NPS	d	L
15	1/2"	8	105
20	3/4"	14	105
25	1"	18	105
32	1-1/4"	23	150
40	1-1/2"	29	160
50	2"	38	170
65	2-1/2"	48	180
80	3"	63	200
100	4"	80	210
125	5"	102	275
150	6"	125	300
200	8"	148	380

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.