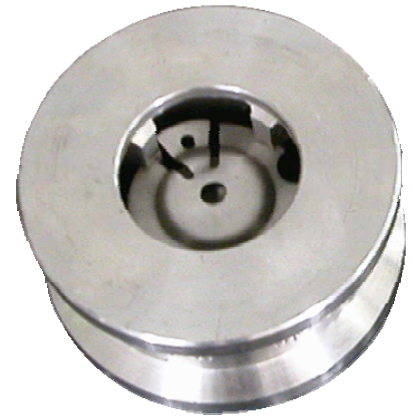


**CARBON STEEL OR STAINLESS STEEL
WAFER TYPE LIFT CHECK VALVE**

DESIGN DESCRIPTION:

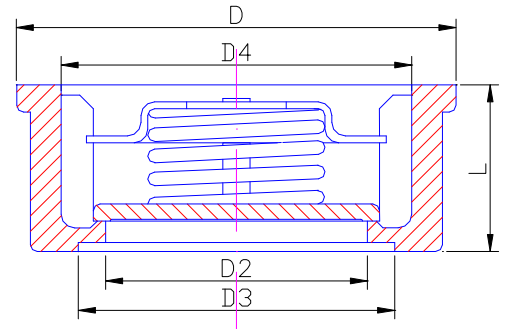
- Manufacture: API594
- Design: API594;
- Face To Face: Factory STD;
- Flange: ANSI B16.5, DIN 2543/2544/2545;
- Test: API598;
- Simple Disc; Lift Type; Wafer Type; Integral Seat;
- Spring Disc For Resistant Leak; Horizontal Or Vertical Service
- Material and Working Temp.:
 - ◆ ASTM A216-WCB: -29 °C-420 °C(60 °F-822 °F)
 - ◆ STAINLESS STEEL: -40 °C-550 °C(15 °F-1047 °F)



PARTS AND MATERIAL:

PARTS NAME	MATERIALS
BODY	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
DISC	ASTM A216-WCB+13CR/STL/A351-CF8/CF8M/CF3/CF3M
SEAT	A105+13CR/STL/SS304/SS316/SS304L/SS316L
SPRING HOLD	A105/SS304/SS316/SS304L/SS316L
SPRING	INCONEL-750, A351 CF8, A351 CFBM

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

NPS	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
DN	15	20	25	32	40	50	65	80	100	125	150	200
CLASS150												
L	25	31.5	35.5	40	45	56	63	71	80	110	125	160
D	46	56	65	74	84	103	122	135	173	195	220	277
D2	15	19	24	31	39	48	62	76	95	110	127	165
D3	25	30	36	43	52	62	75	90	112	125	150	200
D4	25	30	36	43	52	62	75	90	112	132	158	208
CLASS300												
L	25	31.5	35.5	40	45	56	63	71	80	110	125	160
D	52	65	72	81	94	110	128	147	179	214	249	305
D2	15	19	24	31	39	48	62	76	95	110	127	165
D3	25	30	36	43	52	62	75	90	112	125	150	200
D4	25	30	36	43	52	62	75	90	112	132	158	208
CLASS600												
L	25	31.5	35.5	40	45	56	63	71	80	110	125	160
D	52	65	72	81	94	110	128	147	191	239	264	318
D2	15	19	24	31	39	48	62	76	95	110	127	165
D3	25	30	36	43	52	62	75	90	112	125	150	200
D4	25	30	36	43	52	62	75	90	112	132	158	208
CLASS900												
L	25	31.5	35.5	40	45	56	63	71	80	110	125	160
D	62	69	77	87	97	140	162	165	204	245	286	356
D2	15	19	24	31	39	48	62	76	95	110	127	165
D3	25	30	36	43	52	62	75	90	112	125	150	200
D4	25	30	36	43	52	62	75	90	112	132	158	208

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