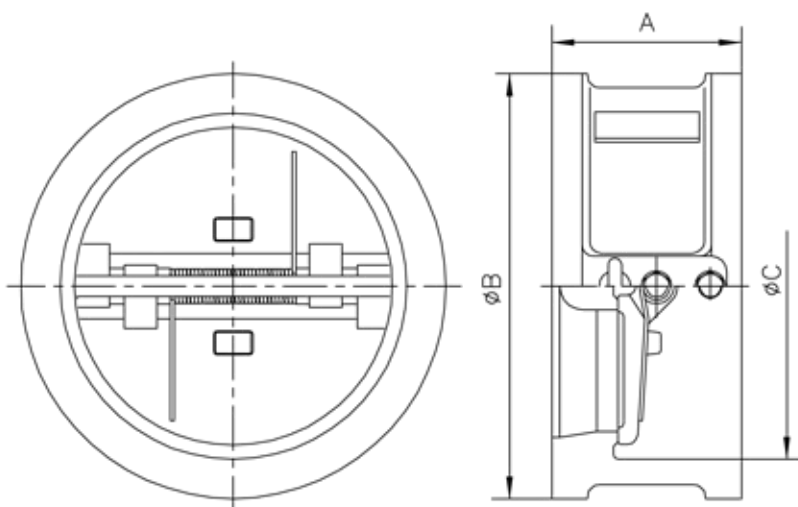




WAFER CHECK VALVES – CLASS 125~2500#

Size range: 2" to 6"



STANDARDS:

Design	API 6D & API 594
Test	API 598
Face to Face Dimensions	API 594
End Flange Dimensions	ANSI B16.5

DIMENSIONS AND WEIGHTS

Size	CLASS	A	B	C	Weight LBS. KGS
2"	125	2.12	4.12	2.37	5
	PN10	53.8	104.6	60	2.3
	150	2.38	4.12	2.37	5.8
	PN20	60.4	104.6	60	2.65
	250	2.12	4.37	2.37	7.7
	PN25	53.8	111	60	3.5
	300	2.38	4.37	2.37	6.2
	PN50	60.4	111	60	2.8
	600	2.38	4.37	2.37	6.2
	PN100	60.4	111	60	2.8
	900	2.75	5.62	2.75	13.2
	PN150	69.8	142.7	70	6
	1500	2.75	5.62	2.75	14.1
	PN250	69.8	142.7	70	6.4
	2500	2.75	5.75	2.75	15.4
	PN420	69.8	146	70	7
2.5"	125	2.38	4.87	2.87	8.4
	PN10	60.4	123.7	73	3.8
	150	2.62	4.87	2.87	8.4
	PN20	66.5	123.7	73	3.8
	250	2.38	5.12	2.87	10
	PN25	60.4	130	73	4.5
	300	2.62	5.12	2.87	10
	PN50	66.5	130	73	4.5
	600	2.62	5.12	2.87	10
	PN100	66.5	130	73	4.5
	900	3.25	6.5	2.87	15
	PN150	82.5	165.1	73	6.8
	1500	3.25	6.5	2.87	15
	PN250	82.5	165.1	73	6.8
	2500	3.25	6.62	2.87	31
	PN420	82.5	168.1	73	14
3"	125	2.62	5.37	3.5	11
	PN10	66.5	136.5	89	5
	150	2.88	5.37	3.5	12
	PN20	73.1	136.5	89	5.5
	250	2.62	5.87	3.5	13
	PN25	66.5	149	89	6
	300	2.88	5.87	3.5	14
	PN50	73.1	149	89	6.3
	600	2.88	5.87	3.5	14
	PN100	73.1	149	89	6.3
	900	3.25	6.62	3.5	28
	PN150	82.5	168	89	12.7
	1500	3.25	6.87	3.5	29
	PN250	82.5	174.5	89	13.1
	2500	3.38	7.75	3.5	45
	PN420	85.8	196.8	89	21

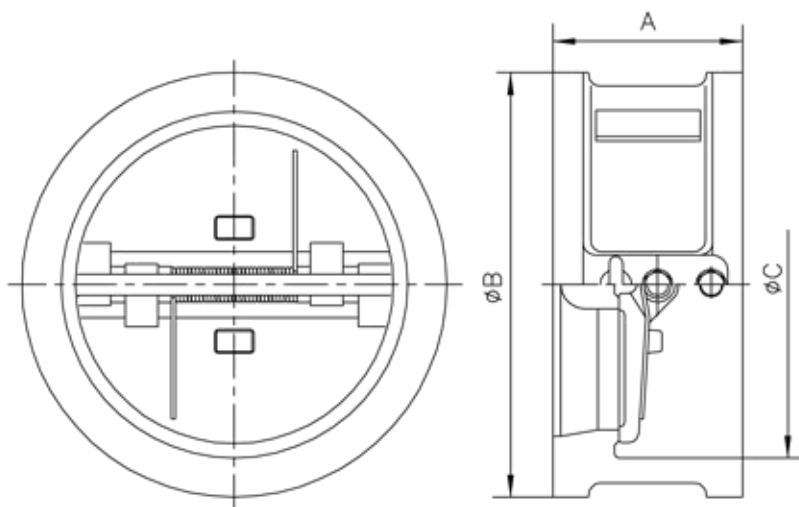
DIMENSIONS AND WEIGHTS

Size	CLASS	A	B	C	Weight LBS. KGS
4"	125	2.62	6.88	4.5	14
	PN10	66.5	174.7	114.3	6.3
	150	2.88	6.88	4.5	16
	PN20	73.1	174.7	114.3	7.3
	250	2.62	7.12	4.5	17.5
	PN25	66.5	180.8	114.3	7.9
	300	2.88	7.12	4.5	17
	PN50	73.1	180.8	114.3	7.7
	600	3.12	7.62	4.5	24
	PN100	79.2	193.5	114.3	10.9
	900	4	8.12	4.5	36
	PN150	101.6	206.2	114.3	16.3
	1500	4	8.25	4.5	42
	PN250	101.6	209.5	114.3	19
	2500	4.12	9.25	4.5	90
	PN420	104.6	234.9	114.3	41
5"	125	3.25	7.75	5.56	19
	PN10	82.5	196.8	141.2	8.6
	150	3.37	7.75	5.56	20.5
	PN20	85.6	196.8	141.2	9.3
	250	3.25	8.5	5.56	29
	PN25	82.5	215.9	141.2	13.2
	300	3.37	8.5	5.56	29
	PN50	85.6	215.9	141.2	13.2
	600	4.12	9.5	5.56	49
	PN100	104.6	241.3	141.2	22.2
	125	3.75	8.75	6.62	27
	PN10	95.2	222.2	168.1	12.2
	150	3.88	8.75	6.62	29
	PN20	98.5	222.2	168.1	13.1
	250	3.75	9.88	6.62	40
	PN25	95.2	250.9	168.1	18.1
6"	300	3.88	9.88	6.62	42
	PN50	98.5	250.9	168.1	19
	600	5.38	10.5	6.62	70
	PN100	136.8	266.7	168.1	31.8
	900	6.25	11.37	6.62	115
	PN150	158.7	288.8	168.1	52.2
	1500	6.25	11.12	6.62	125
	PN250	158.7	282.4	168.1	57
	2500	6.25	12.5	6.62	180
	PN420	158.7	317.5	168.1	82



WAFER CHECK VALVES – CLASS 125~2500#

Size range: 8" to 18"



STANDARDS:

Design	API 6D & API 594
Test	API 598
Face to Face Dimensions	API 594
End Flange Dimensions	ANSI B16.5

DIMENSIONS AND WEIGHTS

Size	CLASS	A	B	C	Weight LBS. KGS
8"	125	5	11	8.62	65.4
	PN10	127	279.4	218.9	29.7
	150	5	11	8.62	65.4
	PN20	127	279.4	218.9	29.7
	250	5	12.12	8.62	74.2
	PN25	127	307.8	218.9	33.7
	300	5	12.12	8.62	74.2
	PN50	127	307.8	218.9	33.7
	600	6.5	12.62	8.62	112
	PN100	165.1	320.5	218.9	50.8
	900	8.12	14.12	8.62	180
	PN150	206.2	358.6	218.9	81.8
	1500	8.12	13.88	8.62	229
	PN250	206.2	352.5	218.9	104
	2500	8.12	15.25	8.62	319
	PN420	206.2	387.3	218.9	145
10"	125	5.5	13.38	10.75	86
	PN10	139.7	339.8	273	39
	150	5.75	13.37	10.75	90
	PN20	146	339.6	273	41
	250	5.5	14.25	10.75	108
	PN25	139.7	361.9	273	49
	300	5.75	14.25	10.75	112
	PN50	146	361.9	273	51
	600	8.38	15.75	10.75	230
	PN100	212.8	400	273	104
	900	9.5	17.12	10.75	288
	PN150	241.3	434.8	273	131
	1500	9.75	17.12	10.75	414
	PN250	247.6	434.8	273	188
	2500	10	18.75	10.78	360
	PN420	254	476.2	273.8	163
12"	125	7.12	16.12	12.75	163
	PN10	180.8	409.4	323.8	74
	150	7.12	16.12	12.75	157
	PN20	180.8	409.4	323.8	71.3
	250	7.12	16.62	12.75	175
	PN25	180.8	422.1	323.8	79.5
	300	7.12	16.62	12.75	175
	PN50	180.8	422.1	323.8	79.5
	600	9	18	12.75	310
	PN100	228.6	457.2	323.8	141
	900	11.5	19.62	12.75	370
	PN150	292.1	498.3	323.8	168
	1500	12	20.5	12.75	650
	PN250	304.8	520.7	323.8	295
	2500	12	21.62	12.75	470
	PN420	304.8	549.1	323.8	213

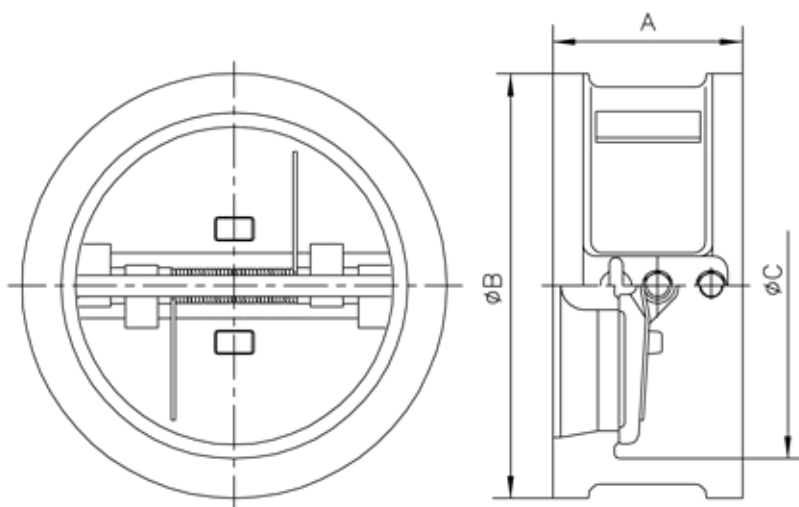
DIMENSIONS AND WEIGHTS

Size	CLASS	A	B	C	Weight LBS. KGS
14"	125	7.25	17.75	14	185
	PN10	184.1	450.8	355.6	84
	150	7.25	17.75	14	178
	PN20	184.1	450.8	355.6	81
	250	8.75	19.12	14	280
	PN25	222.2	485.6	355.6	127
	300	8.75	19.12	14	280
	PN50	222.2	485.6	355.6	127
	600	10.75	19.38	14	400
	PN100	273	492.2	355.6	182
	900	14	20.5	14	793
	PN150	355.6	520.7	355.6	360
	1500	14	22.75	14	978
	PN250	355.6	577.8	355.6	444
	125	7.5	20.25	16	229
	PN10	190.5	514.3	406.5	104
16"	150	7.5	20.25	16	221
	PN20	190.5	514.3	406.5	100
	250	9.12	21.25	16	421
	PN25	231.6	539.7	406.5	191
	300	9.12	21.25	16	390
	PN50	231.6	539.7	406.5	177
	600	12	22.25	16	650
	PN100	304.8	565.1	406.5	295
	900	15.12	22.62	16	1010
	PN100	384	574.5	406.5	458
	1500	15.12	25.25	16	1398
	PN100	384	641.3	406.5	635
	125	8	21.62	18	308
	PN10	203.2	549.1	457.2	140
	150	8	21.62	18	275
	PN20	203.2	549.1	457.2	125
18"	250	10.38	23.5	18	535
	PN25	263.6	596.9	457.2	243
	300	10.38	23.5	18	490
	PN50	263.6	596.9	457.2	223
	600	14.25	24.12	18	870
	PN100	361.9	612.6	457.2	395
	900	17.75	25.12	18	1350
	PN150	450.8	638	457.2	613
	1500	18.44	27.75	18	1955
	PN250	468.3	704.8	457.2	888



WAFER CHECK VALVES – CLASS 125~900#

Size range: 20" to 54"



STANDARDS:

Design	API 6D & API 594
Test	API 598
Face to Face Dimensions	API 594
End Flange Dimensions	ANSI B16.5

DIMENSIONS AND WEIGHTS

Size	CLASS	A	B	C	Weight LBS. KGS
20"	125	8.38	23.87	20	383
	PN10	212.8	606.4	508	174
	150	8.62	23.87	20	342
	PN20	218.9	606.4	508	155
	250	11.5	25.75	20	771
	PN25	292.1	654	508	350
	300	11.5	25.75	20	710
	PN50	292.1	654	508	322
	600	14.5	26.87	20	1255
	PN100	368.3	682.5	508	570
	900	17.75	27.5	20	1525
	PN150	450.8	698.5	508	692
24"	125	8.75	28.25	24	529
	PN10	222.2	717.5	610	240
	150	8.75	28.25	24	502
	PN20	222.2	717.5	610	228
	250	12.5	30.5	24	1209
	PN25	317.5	774.7	610	549
	300	12.5	30.5	24	1110
	PN50	317.5	774.7	610	504
	600	17.25	31.12	24	1658
	PN100	438.1	790.4	610	757
	900	19.5	33	24	2750
	PN150	495.3	838.2	610	1249
30"	125	12	34.75	30	1130
	PN10	304.8	882.6	762	513
	150	12	34.75	30	1046
	PN20	304.8	882.6	762	475
	250	14.5	37.5	30	2220
	PN25	368.3	952.5	762	1008
	300	14.5	37.5	30	2037
	PN50	368.3	952.5	762	925
	600	19.88	38.25	30	3280
	PN100	504.9	971.5	762	1490

DIMENSIONS AND WEIGHTS

Size	CLASS	A	B	C	Weight LBS. KGS
36"	125	14.5	41.25	36	1672
	PN10	368.3	1047.7	914	759
	150	14.5	41.25	36	1553
	PN20	368.3	1047.7	914	705
	250	19	44	36	3685
	PN25	482.6	1117.6	914	1673
	300	19	44	36	3350
	PN50	482.6	1117.6	914	1521
	600	25	44.6	36	6210
	PN100	635	1132.8	914	2820
	125	17	48	42	2709
	PN10	431.8	1219.2	1067	1230
42"	150	17	48	42	2533
	PN20	431.8	1219.2	1067	1150
	250	22.38	50.75	42	6013
	PN25	568.4	1289	1067	2730
	300	22.38	(1) 50.75	42	5462
	PN50	568.4	(1) 1289	1067	2480
	600	27.61	(1) 52.75	42	9030
	PN100	701.3	(1) 1339.8	1067	4100
	125	20.62	54.5	48	3987
	PN10	523.7	1384.3	1219.2	1810
	150	20.62	54.5	48	3745
	PN20	523.7	1384.3	1219.2	1700
48"	250	24.75	58.75	48	7150
	PN25	628.6	1492.2	1219.2	3246
	300	24.75	(1) 53.88	48	6500
	PN50	628.6	(1) 1368.5	1219.2	2951
	125	23	61	54	5286
	PN10	584	1549	1372	2400
	150	23	(1) 57.5	54	4987
	PN20	584	(1) 1460	1372	2264

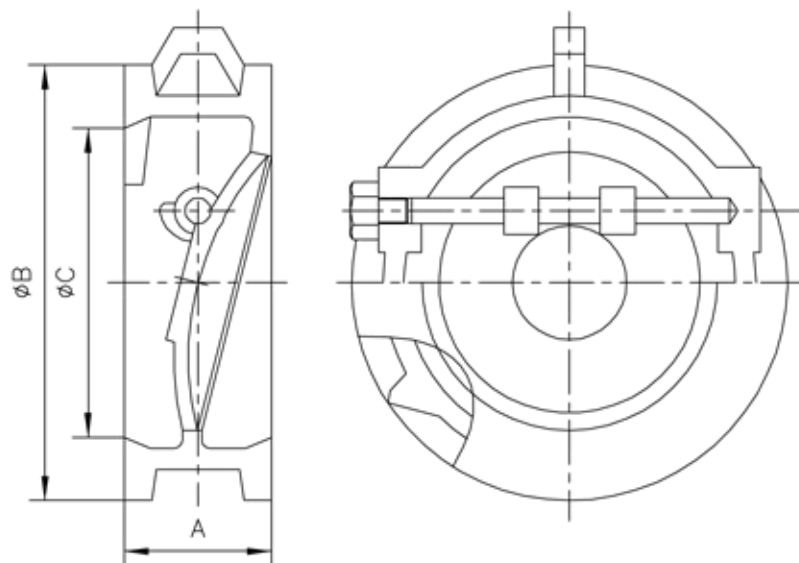
NOTE:

- 一、Data on other sizes and classes available under request.
- 二、(1)Dimensions to fit between flanges acc. to API 605.
- 三、Dimensions shown under class 125 are only for cast iron valves,
for any other material take dimensions and data as shown under class 150.



WAFER TILTING CHECK VALVES – CLASS 150~300#

Size range: 2" to 54"



STANDARDS:

Design	API 6D & API 594
Test	API 598
Face to Face Dimensions	API 594
End Flange Dimensions	ANSI B16.5

DIMENSIONS AND WEIGHTS

Size	CLASS	A	B	C	Weight LBS. KGS
2"	150	2.38	4.12	2.37	5.8
	PN20	60.4	104.6	60	2.65
	300	2.38	4.37	2.37	6.2
	PN50	60.4	111	60	2.8
2.5"	150	2.62	4.87	2.87	8.4
	PN20	66.5	123.7	73	3.8
	300	2.62	5.12	2.87	10
	PN50	66.5	130	73	4.5
3"	150	2.88	5.37	3.5	12
	PN20	73.1	136.5	89	5.5
	300	2.88	5.87	3.5	14
	PN50	73.1	149	89	6.3
4"	150	2.88	6.88	4.5	16
	PN20	73.1	174.7	114.3	7.3
	300	2.88	7.12	4.5	17
	PN50	73.1	180.8	114.3	7.7
5"	150	3.37	7.75	5.56	20.5
	PN20	85.6	196.8	141.2	9.3
	300	3.37	8.5	5.56	29
	PN50	85.6	215.9	141.2	13.2
6"	150	3.88	8.75	6.62	29
	PN20	98.5	222.2	168.1	13.1
	300	3.88	9.88	6.62	42
	PN50	98.5	250.9	168.1	19
8"	150	5	11	8.62	65.4
	PN20	127	279.4	218.9	29.7
	300	5	12.12	8.62	74.2
	PN50	127	307.8	218.9	33.7
10"	150	5.75	13.37	10.75	90
	PN20	146	339.6	273	41
	300	5.75	14.25	10.75	112
	PN50	146	361.9	273	51
12"	150	7.12	16.12	12.75	157
	PN20	180.8	409.4	323.8	71.3
	300	7.12	16.62	12.75	175
	PN50	180.8	422.1	323.8	79.5
14"	150	7.25	17.75	14	178
	PN20	184.1	450.8	355.6	81
	300	8.75	19.12	14	280
	PN50	222.2	485.6	355.6	127

DIMENSIONS AND WEIGHTS

Size	CLASS	A	B	C	Weight LBS. KGS
16"	150	7.5	20.25	16	221
	PN20	190.5	514.3	406.5	100
	300	9.12	21.25	16	390
	PN50	231.6	539.7	406.5	177
18"	150	8	21.62	18	275
	PN20	203.2	549.1	457.2	125
	300	10.38	23.5	18	490
	PN50	263.6	596.9	457.2	223
20"	150	8.62	23.87	20	342
	PN20	218.9	606.4	508	155
	300	11.5	25.75	20	710
	PN50	292.1	654	508	322
24"	150	8.75	28.25	24	502
	PN20	222.2	717.5	610	228
	300	12.5	30.5	24	1110
	PN50	317.5	774.7	610	504
30"	150	12	34.75	30	1046
	PN20	304.8	882.6	762	475
	300	14.5	37.5	30	2037
	PN50	368.3	952.5	762	925
36"	150	14.5	41.25	36	1553
	PN20	368.3	1047.7	914	705
	300	19	44	36	3350
	PN50	482.6	1117.6	914	1521
42"	150	17	48	42	2533
	PN20	431.8	1219.2	1067	1150
	300	22.38	(1) 50.75	42	5462
	PN50	568.4	(1) 1289	1067	2480
48"	150	20.62	54.5	48	3745
	PN20	523.7	1384.3	1219.2	1700
	300	24.75	(1) 53.88	48	6500
	PN50	628.6	(1) 1368.5	1219.2	2951
54"	150	23	(1) 57.5	54	4987
	PN20	584	(1) 1460	1372	2264

NOTE:

- 一、Data on other sizes and classes available under request.
- 二、(1)Dimensions to fit between flanges acc. to API 605.

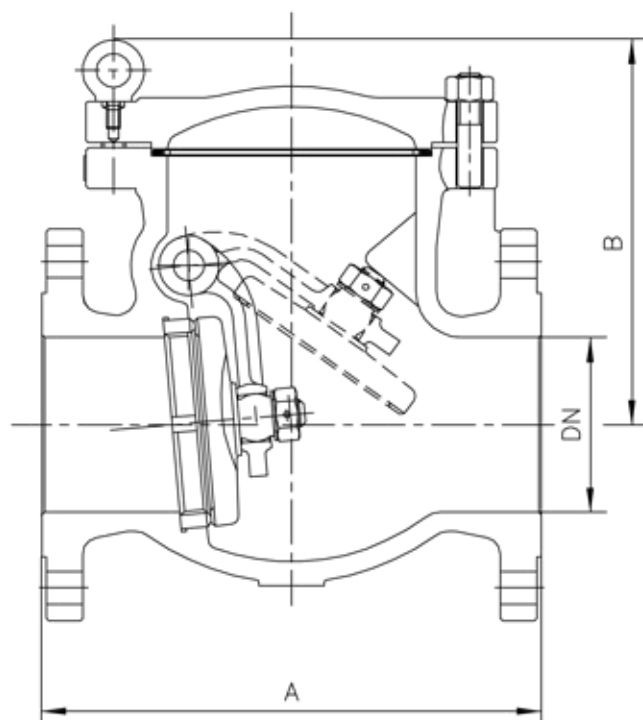


CAST IRON SWING CHECK VALVES—PN16

Size range: DN50 to DN200

STANDARDS:

Design	DIN 3202
Test	DIN 3230
Face to Face Dimensions	DIN 3202 F6
End Flange Dimensions	DIN 2533



PN 16 Fig No.50316
DIMENSIONS AND WEIGHTS

Size DN	A (RF)	B	Weight (Kg)
50	200	150	15
65	240	160	21
80	260	170	27
100	300	180	42
125	350	215	61
150	400	260	72
200	500	294	132

Other Sizes: On request

RF: Flanged

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face...	
	Seat Rings:	Threaded (Renewable)
MATERIALS	Body:	Gray Cast Iron, Ductile Iron...
	Trims:	Stainless Steel, Brass, Bronze...

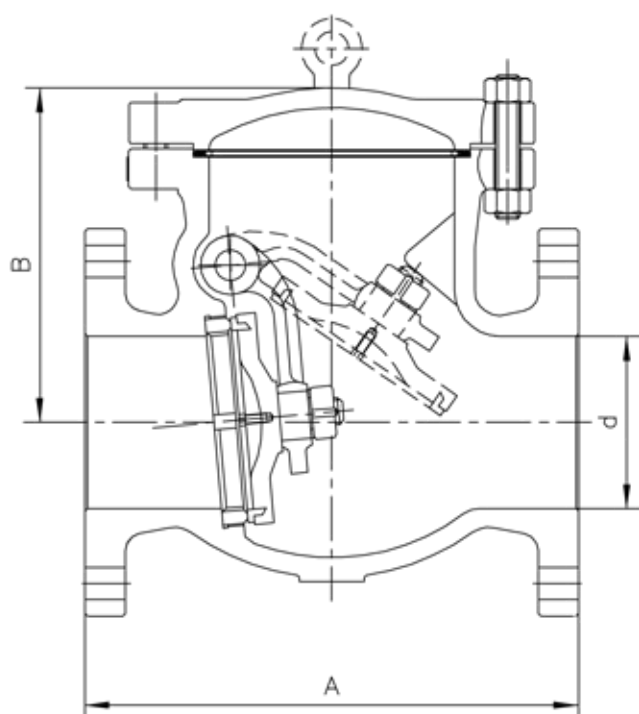


CAST IRON SWING CHECK VALVES—CLASS 125#

Size range: 2" to 24"

STANDARDS:

Design	MSS SP-71
Test	MSS SP-71
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.1



CLASS 125# Fig No.503125
DIMENSIONS AND WEIGHTS

Size inch	d	A (FF)	B	Weight (Kg)
2"	51	203	153	13.5
2½"	64	216	161	19.5
3"	76	241	175	25
4"	102	292	219	39
5"	127	330	225	59
6"	152	356	256	70
8"	203	495	298	127
10"	254	622	376	185
12"	305	699	410	270
14"	337	787	444	377
16"	387	914	501	522
18"	438	914	437	785
20"	489	1016	489	1180
24"	591	1219	657	1600

Other Sizes:On request

FF:Flat Flanged

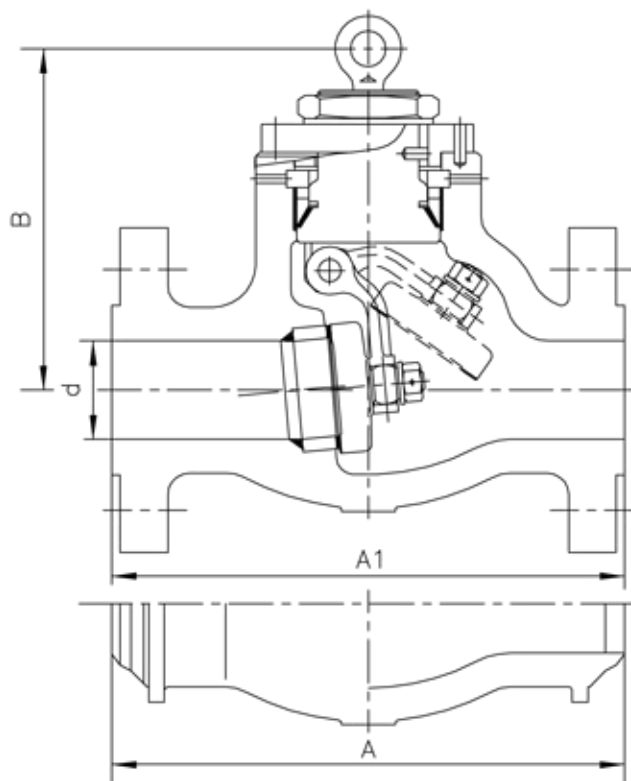
AVAILABLE OPTIONS:

STRUCTURE	End,Connection: Flange Flat Face...
	Seat Rings: Threaded(Renewable)
MATERIALS	Body: Gray Cast Iron, Ductile Iron...
	Trims: Stainless Steel, Brass, Bronze...



SWING CHECK VALVES—CLASS 600~ 900#

Size range: 2" to 30"



STANDARDS:

Design	ANSI B16.34&BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Class 600# FIG 7600 PS
DIMENSIONS AND WEIGHTS

Size inch	d	A1 (RF)	A (BW)	B	Weight (Kg)(BW)
2"	51	292	178	190	24
3"	76	356	254	215	39
4"	102	432	305	220	48
6"	152	559	457	300	105
8"	200	660	584	375	200
10"	248	787	711	445	320
12"	298	838	813	540	480
14"	327	889	889	600	670
16"	375	991	991	670	870
18"	419	1092	1092	735	1250
20"	464	1194	1194	800	1650
24"	559	1397	1397	930	2500
30"	695	1651	1651	1180	4150

Class 900# FIG 7900 PS
DIMENSIONS AND WEIGHTS

Size inch	d	A1 (RF)	A (BW)	B	Weight (Kg)(BW)
2"	47	368	216	207	27
3"	73	381	305	260	42
4"	98	457	356	290	57
6"	146	610	508	340	110
8"	191	737	660	360	210
10"	238	838	787	450	400
12"	282	965	914	520	690
14"	311	1029	991	600	1100
16"	356	1130	1092	680	1700
18"	400	1219	1219	760	2200
20"	445	1321	1321	830	2800
24"	533	1549	1549	965	4250

Other Sizes: On request

BW: Butt Weld

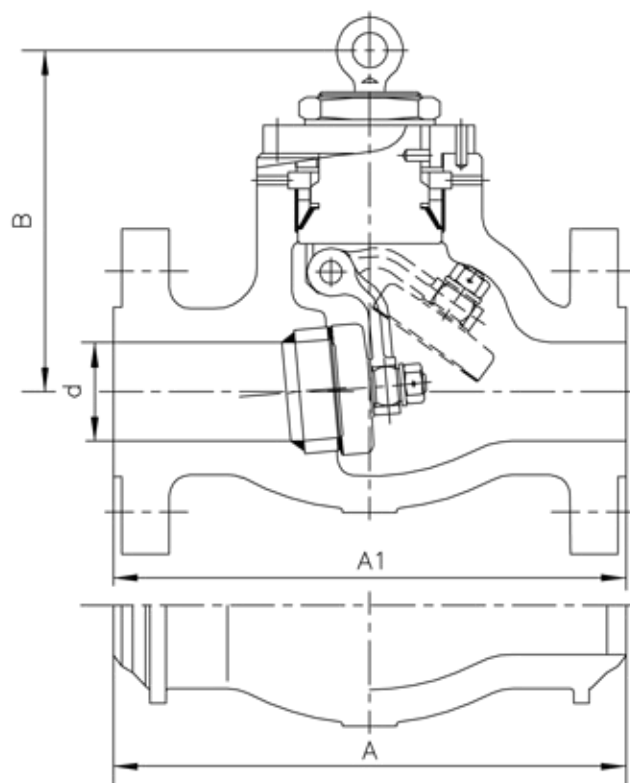
AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...



SWING CHECK VALVES—CLASS 1500~ 2500#

Size range: 2" to 24"



STANDARDS:

Design	ANSI B16.34&BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Class 1500# FIG 71500 PS
DIMENSIONS AND WEIGHTS

Size inch	d	A1 (RF)	A (BW)	B	Weight (Kg)(BW)
2"	47	368	216	207	24
3"	70	470	305	255	44
4"	92	546	406	270	80
6"	136	705	559	345	230
8"	178	832	711	400	343
10"	222	991	864	495	620
12"	263	1130	991	605	950
14"	289	1257	1067	650	1675
16"	330		1194	715	2570
18"	371		1537	785	3800
20"	476		1664	870	5400

Class 2500# FIG 72500 PS
DIMENSIONS AND WEIGHTS

Size inch	d	A1 (RF)	A (BW)	B	Weight (Kg)(BW)
2"	38	451	279	275	41
3"	57	578	368	295	75
4"	73	673	457	336	150
6"	111	914	610	420	305
8"	146	1022	762	490	570
10"	184	1270	914	585	734
12"	219	1422	1041	700	1250
14"	241		1118	785	1950
16"	276		1245	887	3200
18"	311		1397	1050	5500
20"	343		1575	1200	8920

Other Sizes: On request

BW: Butt Weld

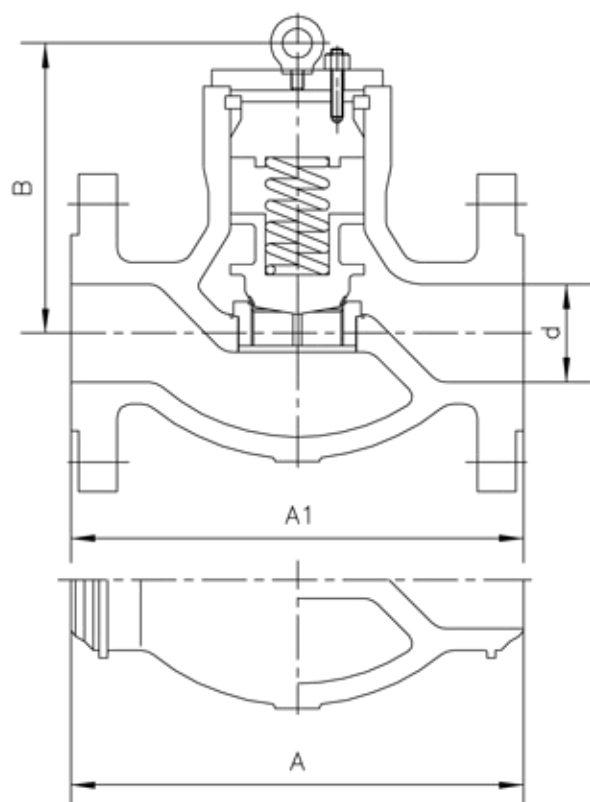
AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...



PISTON CHECK VALVES—CLASS 600~ 900#

Size range: 2" to 14"



STANDARDS:

Design	ANSI B16.34&BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Class 600# FIG 7600 PS-PL
DIMENSIONS AND WEIGHTS

Size inch	d	A1 (RF)	A (BW)	B	Weight (Kg)(BW)
2"	51	292	178	175	12
3"	76	356	254	210	20
4"	102	432	305	248	38
6"	152	559	457	355	97
8"	200	660	584	396	192
10"	248	787	711	475	315
12"	298	838	813	555	475
14"	327		889	647	660

Class 900# FIG 7900 PS-PL
DIMENSIONS AND WEIGHTS

Size inch	d	A1 (RF)	A (BW)	B	Weight (Kg)(BW)
2"	47	368	216	205	15
3"	73	381	305	233	26
4"	98	457	356	270	44
6"	146	610	508	352	125
8"	191	737	660	426	255
10"	238	838	787	534	406
12"	282	965	914	645	612
14"	311	1029	991	764	850

Other Sizes: On request

BW: Butt Weld

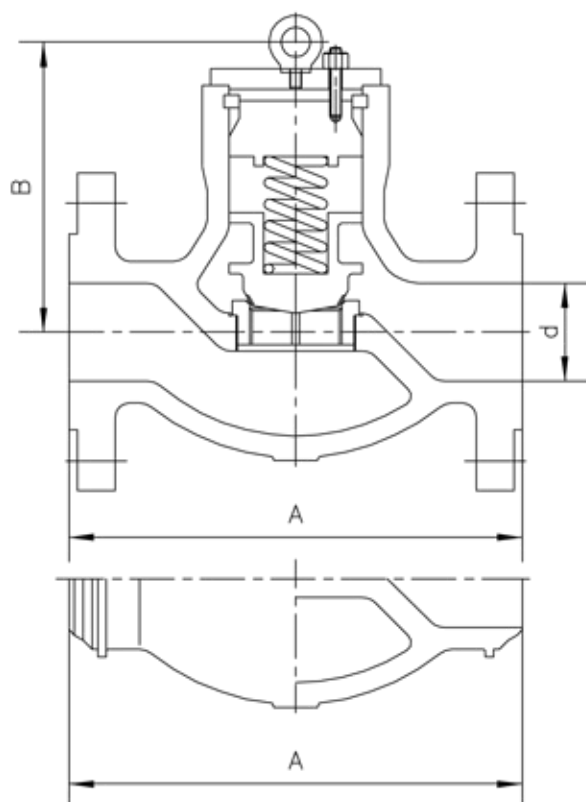
AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...



PISTON CHECK VALVES—CLASS 1500~ 2500#

Size range: 2" to 12"



STANDARDS:

Design	ANSI B16.34&BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Class 1500# FIG 71500 PS-PL
DIMENSIONS AND WEIGHTS

Size inch	d	A (RF/BW)	B	Weight (Kg)(BW)
2"	47	216	205	15
3"	70	305	243	33
4"	92	406	250	64
6"	136	559	355	160
8"	178	711	513	327
10"	222	864	655	551
12"	263	991	810	815

Class 2500# FIG 72500 PS-PL
DIMENSIONS AND WEIGHTS

Size inch	d	A (RF/BW)	B	Weight (Kg)(BW)
2"	38	279	224	20
3"	57	368	250	40
4"	73	457	264	83
6"	111	610	383	210
8"	146	762	470	425
10"	184	914	596	716
12"	219	1041	735	1060

Other Sizes: On request

BW: Butt Weld

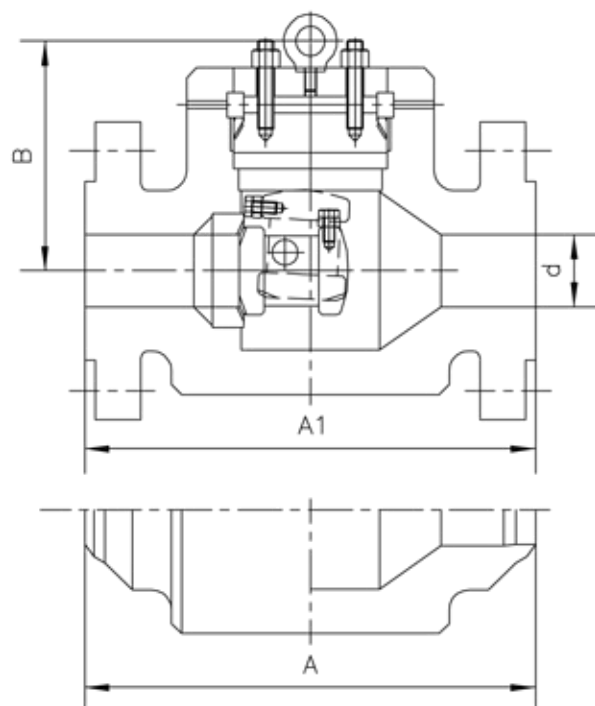
AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...



TILTING DISC CHECK VALVES—CLASS 600~ 900#

Size range: 2" to 30"



STANDARDS:

Design	ANSI B16.34&BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Class 600# FIG 7600 PS-TL
DIMENSIONS AND WEIGHTS

Size inch	d	A (RF)	A (BW)	B	Weight (Kg)(BW)
2"	51	292	178	120	25
3"	76	356	254	148	45
4"	102	432	305	175	60
6"	152	559	457	202	102
8"	200	660	584	229	190
10"	248	787	711	280	280
12"	298	838	813	356	400
14"	327	889	889	397	577
16"	375	991	991	448	710
18"	419	1092	1092	505	987
20"	464	1194	1194	560	1210
24"	559	1397	1397	660	1800
30"	695	1651	1651	810	2850

Class 900# FIG 7900 PS-TL
DIMENSIONS AND WEIGHTS

Size inch	d	A (RF)	A (BW)	B	Weight (Kg)(BW)
2"	47	368	216	132	35
3"	73	381	305	153	60
4"	98	457	356	186	85
6"	146	610	508	221	125
8"	191	737	660	259	245
10"	238	838	787	315	347
12"	282	965	914	386	453
14"	311	1029	991	427	708
16"	356		1092	485	1020
18"	400		1219	542	1315
20"	445		1321	598	1723
24"	533		1549	705	2560

Other Sizes: On request

BW: Butt Weld

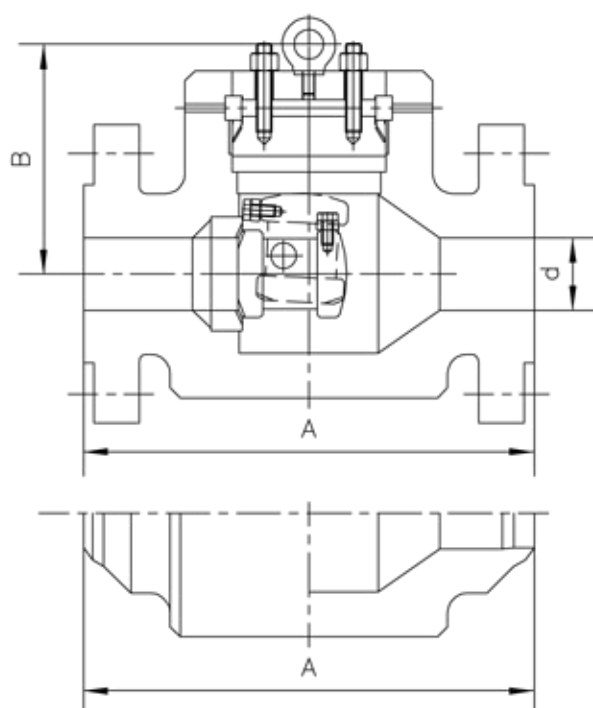
AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...



TILTING DISC CHECK VALVES—CLASS 1500~ 2500#

Size range: 2" to 20"



STANDARDS:

Design	ANSI B16.34&BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Class 1500# FIG 71500 PS-TL
DIMENSIONS AND WEIGHTS

Size inch	d	A (RF/BW)	B	Weight (Kg)(BW)
2"	47	216	140	35
3"	70	305	158	60
4"	92	406	191	120
6"	136	559	247	135
8"	178	711	305	242
10"	222	864	360	450
12"	263	991	423	720
14"	289	1067	480	1100
16"	330	1194	540	1450
18"	371	1537	598	1905
20"	416	1664	657	2418

Class 2500# FIG 72500 PS-TL
DIMENSIONS AND WEIGHTS

Size inch	d	A (RF/BW)	B	Weight (Kg)(BW)
2"	38	279	162	45
3"	57	368	184	68
4"	73	457	220	145
6"	111	610	283	177
8"	146	762	353	400
10"	184	914	417	740
12"	219	1041	489	1170
14"	241	1118	566	1650
16"	276	1245	670	2200

Other Sizes: On request

BW: Butt Weld

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...



SWING CHECK VALVES—Class 150#, 300#

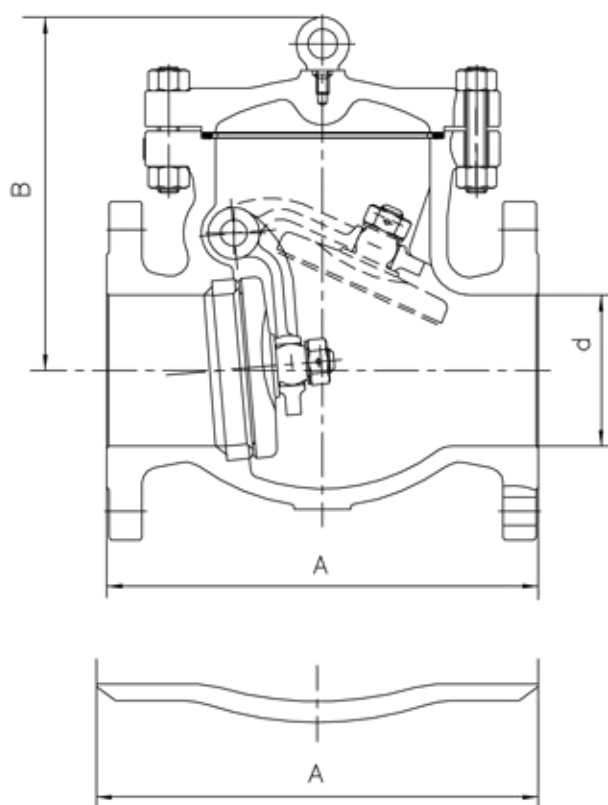
Size range: 2" to 64"

Size range: 2" to 54"

Class 150# Fig NO. 247(RF/RTJ)
247 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	51	203	140	17	13
3"	76	241	178	29	24
4"	102	292	196	42	36
6"	152	356	244	74	62
8"	203	495	305	108	96
10"	254	622	401	177	158
12"	305	699	361	282	238
14"	337	787	406	372	324
16"	387	864	488	570	483
18"	438	978	566	665	548
20"	489	978	625	900	782
24"	591	1295	744	1359	1150
30"	743	1524	902	2390	2014
36"	878	1956	1050	4160	3896



Class 300# Fig NO. 259(RF/RTJ)
259 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	51	267	158	21	16
3"	76	318	203	43	35
4"	102	356	234	61	44
6"	152	445	280	131	105
8"	203	533	350	213	167
10"	254	622	406	384	272
12"	305	711	467	449	375
14"	337	838	457	680	560
16"	387	864	554	840	710
18"	432	978	597	1025	828
20"	483	1016	630	1320	1070
24"	584	1346	749	1960	1586
30"	737	1594	958	2787	2298

STANDARDS:

Design	ANSI B16.34&BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5(2" ~ 24") ANSI B16.47(30" ~ 36")
Butt-Weld Ends	ANSI B16.25

Other Sizes and materials: On request
RF: Flanged BW: Butt Weld

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
*MATERIAL	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...
Accessories	Hydraulic Damper, Counter Weight (Lever + Weight)

*Please refer to page of "Build Material"



SWING CHECK VALVES—Class 600#, 900#

Size range: 2" to 54"

Size range: 2" to 36"

Class 600# Fig NO. 275(RF/RTJ)
275 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	51	292	200	36	28
3"	76	356	226	68	57
4"	102	432	261	111	83
6"	152	559	340	230	191
8"	200	660	443	416	361
10"	248	787	490	673	543
12"	298	838	495	875	770
14"	327	889	546	944	773
16"	387	991	612	1220	1015
18"	419	1092	686	1620	1350
20"	464	1194	753	2120	1750
24"	559	1397	890	3100	2520
30"	695	1651	1100	3859	3158

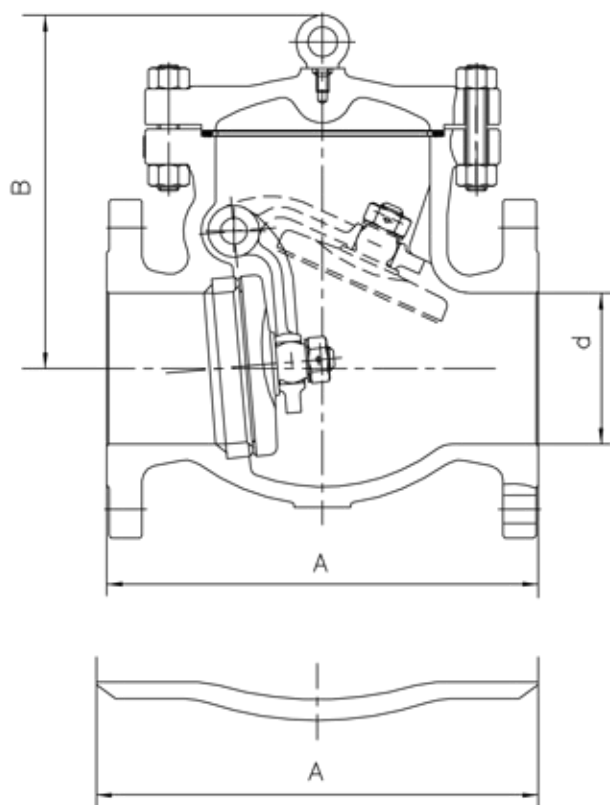
Class 900# Fig NO. 287(RF/RTJ)
287 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	47	368	241	69	52
3"	73	381	241	91	70
4"	98	457	267	145	112
6"	146	610	394	259	218
8"	191	737	406	565	448
10"	238	838	500	900	733
12"	282	965	572	1200	975
14"	311	1029	630	1500	1240
16"	356	1130	720	2130	1760
18"	400	1219	800	2500	2105
20"	445	1321	870	3200	2895
24"	533	1549	1000	4700	4025

Other Sizes: On request

RF: Flanged BW: Butt Weld



STANDARDS:

Design	ANSI B16.34 & BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5 (2" ~ 24")
	ANSI B16.47 (30" ~ 54")
Butt-Weld Ends	ANSI B16.25

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
*MATERIAL	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...
Accessories	Hydraulic Damper, Counter Weight (Lever + Weight)

*Please refer to page of "Build Material"



SWING CHECK VALVES—Class 1500#, 2500#

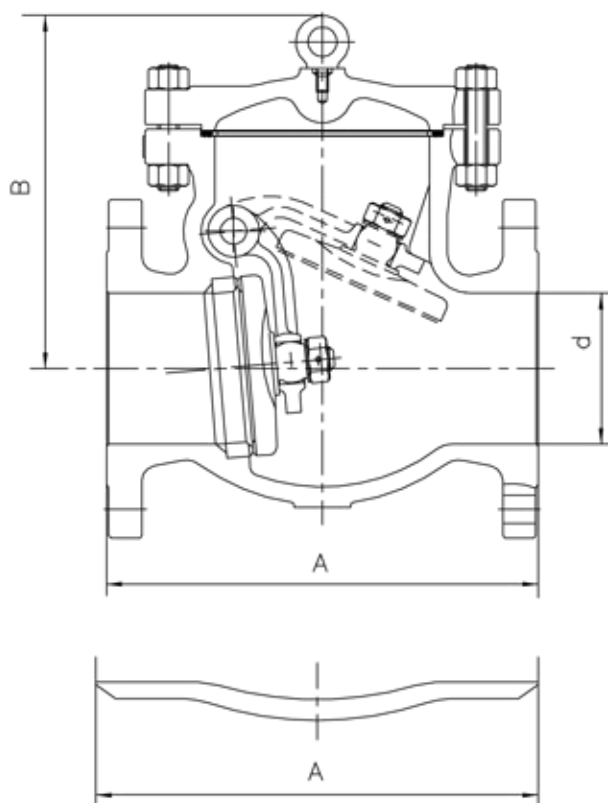
Size range: 2" to 24"

Size range: 2" to 20"

Class 1500# Fig NO. 299(RF/RTJ)
299 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	47	368	241	69	49
3"	70	470	280	140	111
4"	92	546	340	232	185
6"	136	705	424	490	375
8"	178	832	475	990	803
10"	222	991	559	1490	1250
12"	263	1130	660	1970	1625
14"	289	1257	780	2860	2489
16"	330	1384	843	4050	3526
18"	371	1537	914	5600	5085
20"	416	1664	1030	7000	6258



Class 2500# Fig NO. 267(RF/RTJ)
267 1/2 (BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	38	451	302	120	101
3"	57	578	363	210	168
4"	73	673	381	345	278
6"	111	914	432	740	654
8"	146	1022	605	1230	1105
10"	184	1270	800	2100	1796
12"	219	1422	1100	3500	3125

STANDARDS:

Design	ANSI B16.34&BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Other Sizes: On request

RF: Flanged BW: Butt Weld

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
* MATERIAL	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...
Accessories	Hydraulic Damper, Counter Weight (Lever + Weight)

* Please refer to page of "Build Material"



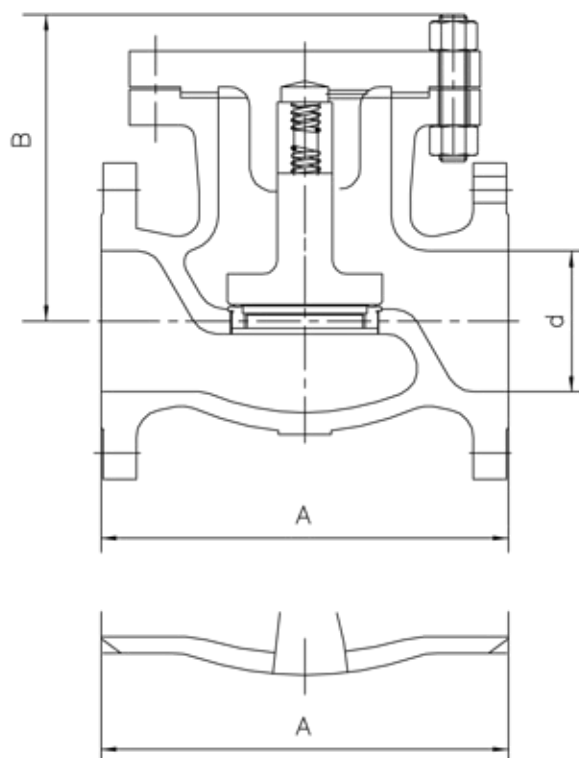
PISTON CHECK VALVES—Class 150#, 300#, 600#

Size range: 2" to 10"

Class 150# Fig NO.7150-PL(RF/RTJ)

7150 1/2-PL(BW)

DIMENSIONS AND WEIGHTS



Size Inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	51	203	131	14	11
3"	76	241	163	28	21
4"	102	292	188	45	38
6"	152	406	235	81	69
8"	203	495	277	136	111
10"	254	622	337	244	195

Class 300# Fig NO.7300-PL(RF/RTJ)

7300 1/2-PL(BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	51	267	142	24	19
3"	76	318	175	47	35
4"	102	356	217	76	65
6"	152	445	252	133	116
8"	203	559	305	255	216
10"	254	622	352	361	298

Class 600# Fig NO.7600-PL(RF/RTJ)

7600 1/2-PL(BW)

DIMENSIONS AND WEIGHTS

Size Inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	51	292	166	33	29
3"	76	356	185	58	51
4"	102	432	240	104	95
6"	152	559	345	254	209
8"	200	660	425	405	335
10"	248	787	480	635	578

STANDARDS:

Design	ANSI B16.34&BS 1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Other Sizes: On request

RF: Flanged BW: Butt Weld

AVAILABLE OPTIONS:

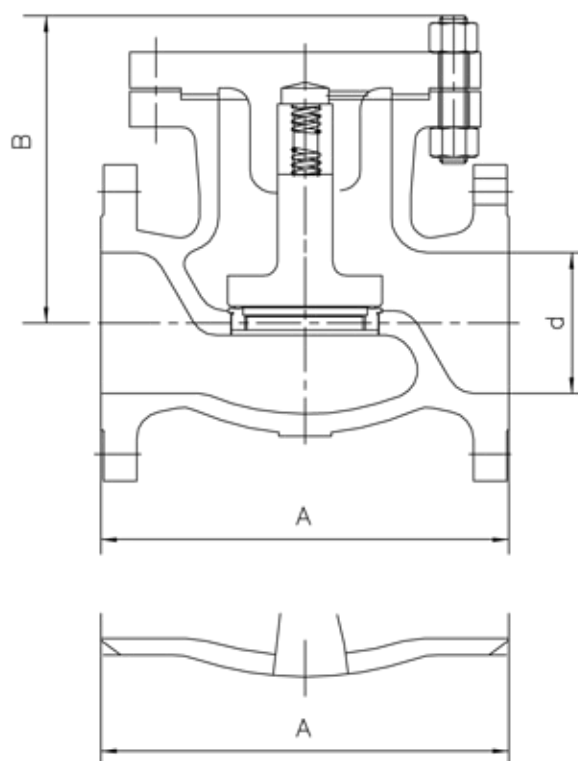
STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...		
	Seat Rings:	Threaded (Renewable), Welded	
* MATERIALS	Body:	WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...	
	Trims:	13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...	

*Please refer to page of "Build Material"



PISTON CHECK VALVES—Class 900#, 1500#, 2500#

Size range: 2" to 10"



Class 900# Fig NO.7900-PL(RF/RTJ)

7900 1/2-PL(BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	47	368	230	73	62
3"	73	381	255	95	81
4"	98	457	290	145	111
6"	146	610	393	320	298
8"	191	737	487	600	525
10"	238	838	535	940	812

Class 1500# Fig NO.71500-PL(RF/RTJ)

71500 1/2-PL(BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	47	368	230	73	51
3"	70	470	305	139	105
4"	92	546	326	240	186
6"	136	705	461	500	385
8"	178	832	610	940	816
10"	222	991	725	1700	1582

Class 2500# Fig NO.72500-PL(RF/RTJ)

72500 1/2-PL(BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	B	Weight(kg) RF & BW	
2"	38	451	275	120	101
3"	57	578	345	225	198
4"	73	673	377	425	378
6"	111	914	492	800	718
8"	146	1022	650	1800	1616
10"	184	1270	840	3200	2875

Other Sizes: On request

RF: Flanged BW: Butt Weld

STANDARDS:

Design	ANSI B16.34&BS1868
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

AVAILABLE OPTIONS:

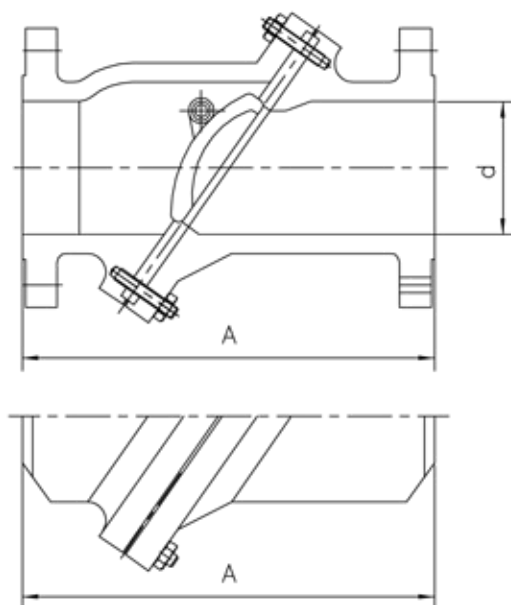
STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable), Welded
* MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...

*Please refer to page of "Build Material"



TILTING DISC CHECK VALVE—Class 150#, 300#, 600#

Size range: 2" to 24"



STANDARDS:

Design	ANSI B16.34
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Class 150# Fig NO. 7150—TD(RF/RTJ)
7150 ½—TD(BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	Weight (kg)/(RF)
2"	51	203	16
3"	76	241	26
4"	102	292	46
6"	152	356	75
8"	203	495	124
10"	254	622	210
12"	305	699	335
14"	337	787	460
16"	387	864	690
18"	438	978	940
20"	489	978	1230
24"	591	1295	2010

Class 300# Fig NO. 7300—TD(RF/RTJ)
7300 ½—TD(BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	Weight (kg)/(RF)
2"	51	267	22
3"	76	318	41
4"	102	356	66
6"	152	445	122
8"	203	533	209
10"	254	622	350
12"	305	711	520
14"	337	838	760
16"	387	864	1080
18"	432	978	1570
20"	483	1016	1950
24"	584	1346	3220

Class 600# Fig NO. 7600—TD(RF/RTJ)
7600 ½—TD(BW)

DIMENSIONS AND WEIGHTS

Size inch	d	A RF & BW	Weight (kg)/(RF)
2"	51	292	26
3"	76	356	51
4"	102	432	95
6"	152	559	190
8"	200	660	315
10"	248	787	500
12"	298	838	750
14"	327	889	1060
16"	375	991	1420
18"	419	1092	1910
20"	464	1194	2480
24"	559	1397	3960

Other Sizes: On request

RF: Flanged BW: Butt Weld

AVAILABLE OPTIONS:

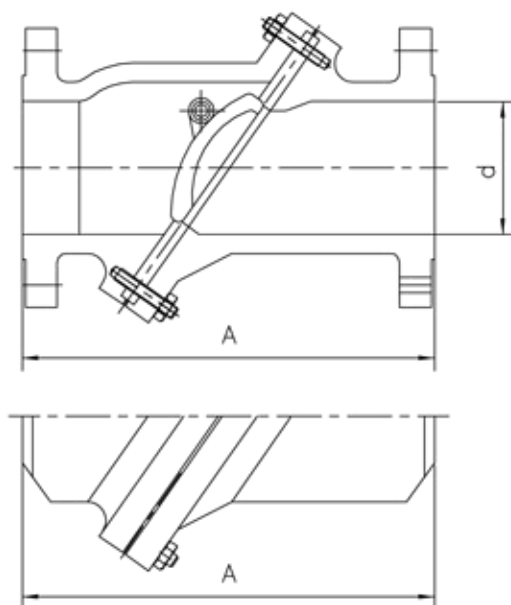
STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable)
* MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...

*Please refer to page of "Build Material"



TILTING DISC VALVES—Class 900#, 1500#, 2500#

Size range: 2" to 10"



STANDARDS:

Design	ANSI B16.34
Test	API 598
Face to Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.5
Butt-Weld Ends	ANSI B16.25

Class 900# Fig NO. 7900—TD(RF/RTJ)
7900 1/2 —TD(BW)

DIMENSIONS

Size inch	d	A RF & BW
2"	47	368
3"	73	381
4"	98	457
6"	146	610
8"	191	737
10"	238	838
12"	282	965
14"	311	1029
16"	356	1130
18"	400	1219
20"	445	1321

Class 1500# Fig NO. 71500—TD(RF/RTJ)
71500 1/2 —TD(BW)

DIMENSIONS

Size inch	d	A RF & BW
2"	47	368
3"	70	470
4"	92	546
6"	136	705
8"	178	832
10"	222	991
12"	263	1130
14"	289	1257
16"	330	1384
18"	371	1537

Class 2500# Fig NO. 72500—TD(RF/RTJ)
72500 1/2 —TD(BW)

DIMENSIONS

Size inch	d	A RF & BW
2"	38	451
3"	57	578
4"	73	673
6"	111	914
8"	146	1022
10"	184	1270
12"	219	1422

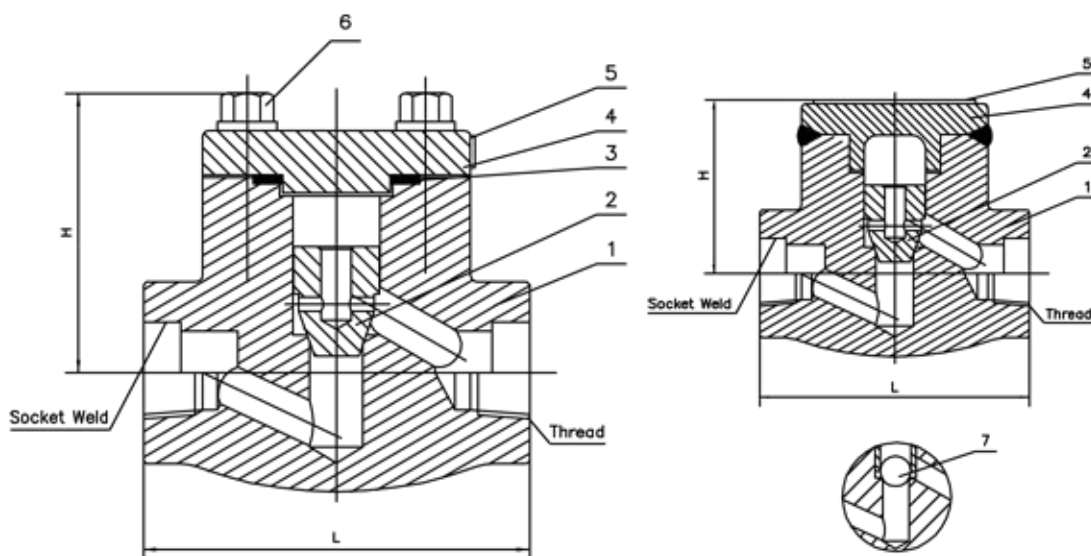
Other Sizes: On request
RF: Flanged BW: Butt Weld

AVAILABLE OPTIONS:

STRUCTURE	End, Connection: Flange Raised Face, Butt Weld, RTJ...
	Seat Rings: Threaded (Renewable)
* MATERIALS	Body: WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C...
	Trims: 13%Cr, 304, 304L, 316, 316L, 321, 347, F-51, Monel...

*Please refer to page of "Build Material"

Piston Check Valve 800Lb



Standard Material Specifications

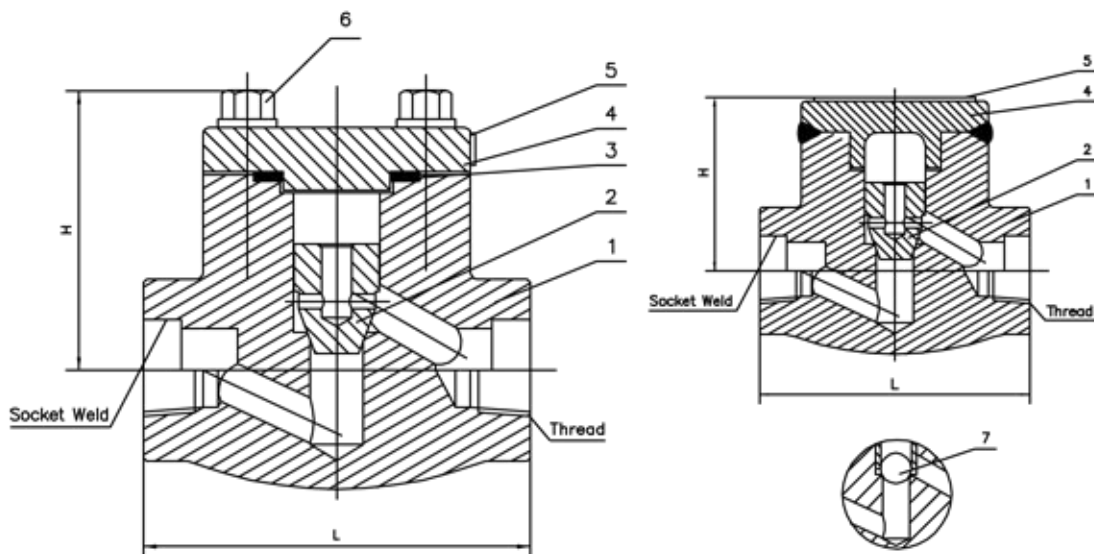
NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Piston Disc	A276 410	A276 304	A276 304(L)	A276 316(L)
3	Gasket	Corrugated SS+graphite		SS+PTFE	
4	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
5	Nameplate	SS			
6	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
7	Ball	A182 F304	A182 F304	A182 F304	A182 F304
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		Conv.	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
		Full		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"
L			79	79	92	111	120	152	172
H(OPEN)			61	61	65	79	95	103	118
Weights	Bolted		1.4	1.2	1.5	3.1	3.9	5.6	8.9
	Welded		1.1	1.0	1.2	2.9	3.3	4.9	8.1

Piston Check Valve 900Lb~1500Lb



Standard Material Specifications

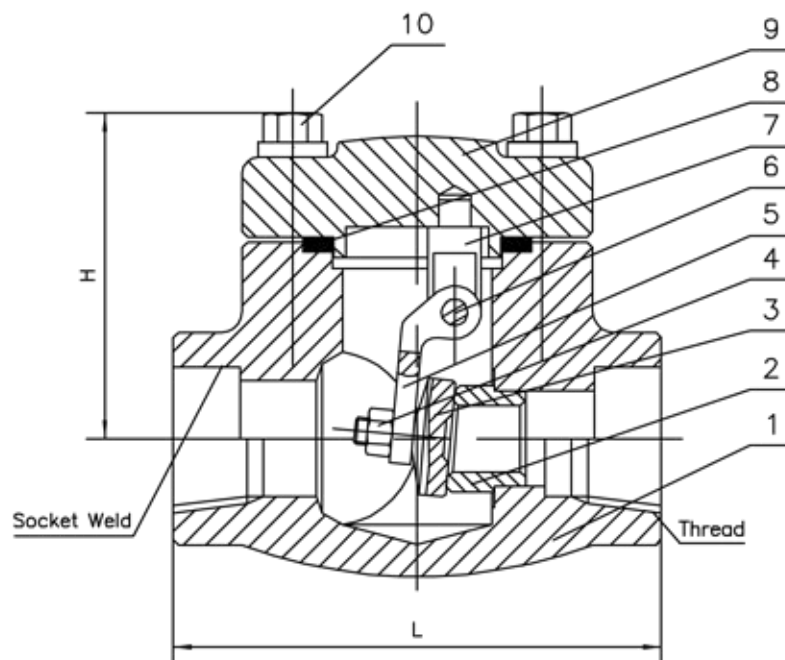
NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Piston Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Gasket	Corrugated SS+graphite		SS+PTFE	
4	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
5	Nameplate	SS			
6	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
7	Ball	A182 F304	A182 F304	A182 F304	A182 F304
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		Conv.	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
		Full		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"
L			92	111	111	120	152	172	200
H(OPEN)			65	79	79	97	104	120	139
Weights	Bolted		1.6	3.4	3.3	5.5	6.0	9.2	12.9
	Welded		1.3	3.2	3.1	4.8	5.4	8.5	11.2

Swing Check Valve 800Lb,900Lb~1500Lb



Standard Material Specifications

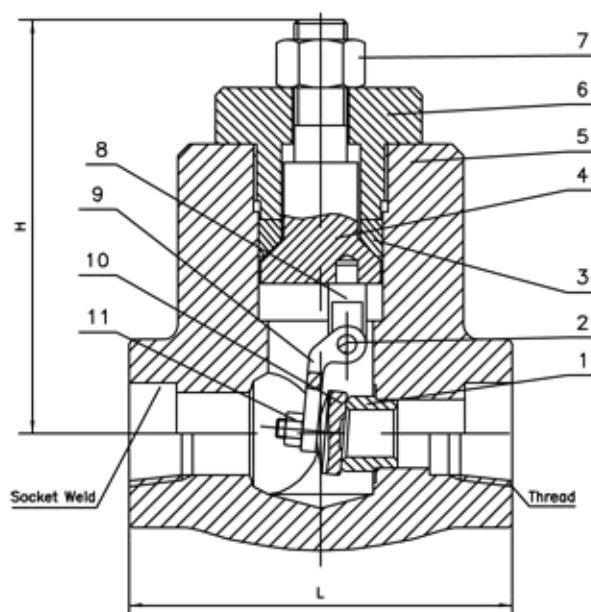
NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Seat	A276 410	A276 304	A276 304(L)	A276 316(L)
3	Swing Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
4	Nut	A194 2H	A194 4	A194 8	A194 8M
5	Hinge	A105	A182 LF2	A182 F304(L)	A182 F316(L)
6	Pin	A276 420		A182 F304	A182 F316
7	Pontlevis	A105	A182 LF2	A182 F304(L)	A182 F316(L)
8	Gasket	Corrugated SS+graphite		SS+PTFE	
9	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
10	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	800Lb	79	79	92	111	120	120	140
	900~1500Lb	92	111	111	120	120	140	178
H	800Lb	61	61	78	84	101	120	133
	900~1500Lb	79	79	79	97	105	120	140
Weights	800Lb	1.1	1.0	1.9	3.9	4.5	7.3	10.0
	900~1500Lb	3.1	3.0	3.6	4.3	6.1	8.8	12.6

Pressure-seal Swing Check Valve 900Lb~2500Lb



Standard Material Specifications

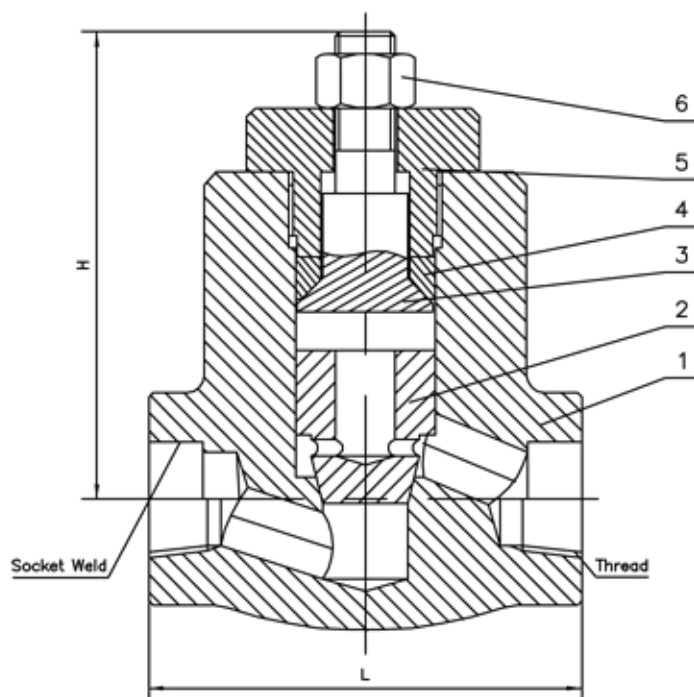
NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Seat Ring	A276 410	A276 304	A276 304(L)	A276 316(L)
2	Pin	A276 420		A182 F304	A182 F316
3	Pressure Ring	A276 304L			A276 316(L)
4	Pressure Seat	A105	A182 LF2	A182 F304(L)	A182 F316(L)
5	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
6	Bonnet	A105	A182 LF2	A182 F304 L	A182 F316(L)
7	Bolt	A193 B7	A193 B16	A193 B8	A193 B8M
8	Pontlevis	A105	A182 LF2	A182 F304 L	A182 F316(L)
9	Hinge	A105	A182 LF2	A182 F304 L	A182 F316(L)
10	Disc	A276 420	F304	A182 F304(L)	F316(L)
11	Nut	A194 2H	A194 4	A194 8	A194 8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	900~1500Lb	140	140	140	178	178	216
	2500Lb	186	186	186	232	232	279
H		117	117	117	152	152	195
Weights	900~1500Lb	8.2	7.8	7.7	19.8	19.2	21.3
	2500Lb	10.0	9.6	9.4	21.5	21.1	22.8

Pressure-seal Piston Check Valve 900Lb~2500Lb



Standard Material Specifications

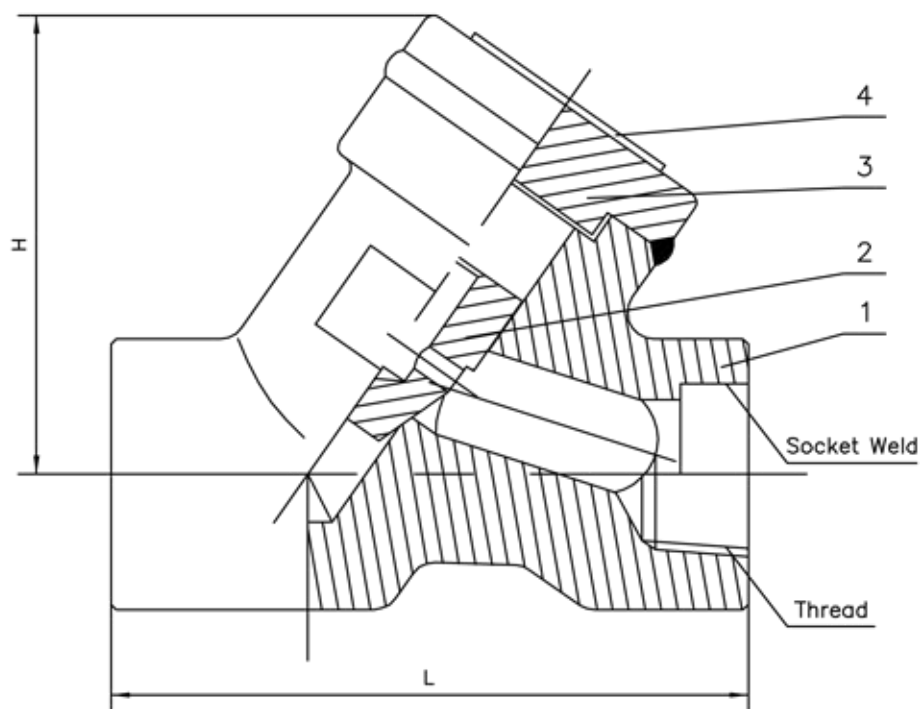
NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Life Disc	A276 410	A276 304	A276 304(L)	A276 316(L)
3	Sealing Seat	A105	LF2	A182 F304 L	F316(L)
4	Pressure Ring	08F	08F	A276 304(L)	A276 316(L)
5	Bonnet	A105	A182 LF2	A182 F304 L	A182 F316(L)
6	P.S.Lock Nut	A194 2H	A194 4	A194 8	A194 8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	900~1500Lb	140	140	140	178	178	216
	2500Lb	186	186	186	232	232	279
H		117	117	117	152	152	195
Weights	900~1500Lb	7.5	7.0	6.8	18.5	18.1	20.3
	2500Lb	9.0	7.6	8.4	19.5	20.1	21.8

Y-Pattern Piston Check Valve 800Lb



Standard Material Specifications

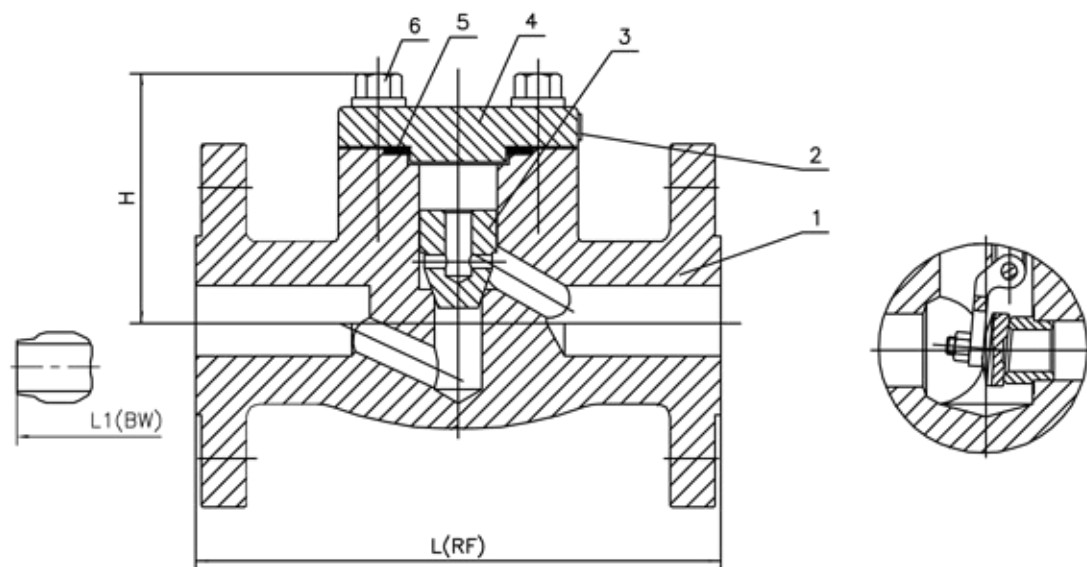
NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Piston Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
4	Nameplate		SS		
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS	Conv.	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
	Full	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
L		98	98	110	120	140	140	170	200
H(OPEN)		85	85	95	105	114	114	132	145
Weights		3.1	3.0	3.7	6.5	8.5	8.0	10.9	12.5

Flanged End Check Valve 150Lb~600Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Nameplate	SS			
3	Piston Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
4	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
5	Gasket	Corrugated SS+graphite		SS+PTFE	
6	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

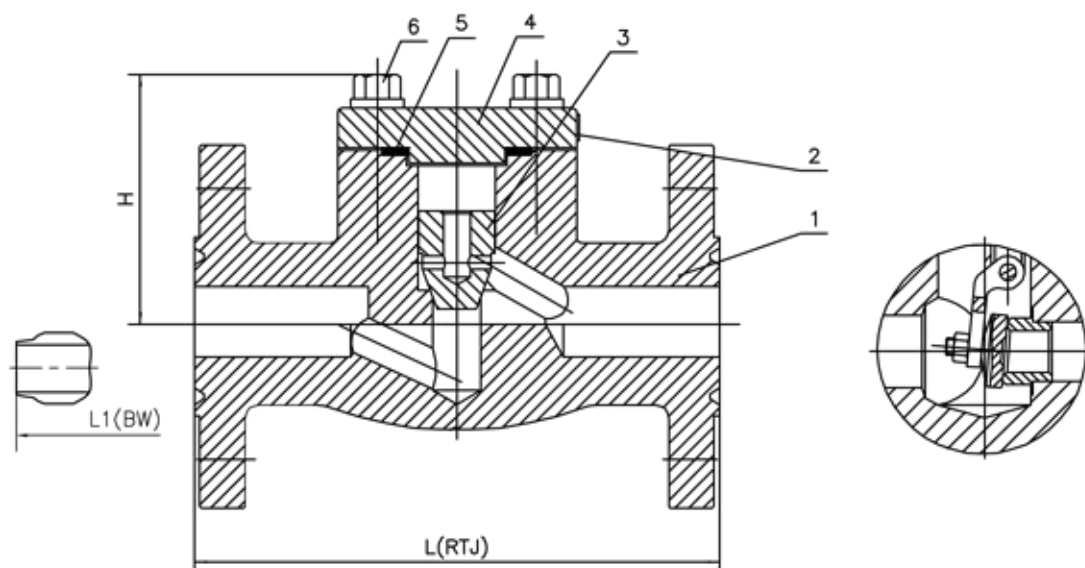
Note: Other materials are available upon request.

CS=Carbon Steel;AS=Alloy Steel;SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS			1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L(RF) L1(BW)	150		108	117	127	140	165	203
	300		152	178	203	216	229	267
	600		165	190	216	229	241	292
H	150,300		61	61	79	95	103	118
	600		61	79	95	103	118	135
Weights	150	RF	2.56	3.37	4.37	8.17	8.94	12.64
		BW	1.70	1.90	2.10	5.12	5.50	7.89
	300	RF	2.73	3.65	4.74	8.77	9.60	13.7
		BW	1.90	2.10	3.00	5.12	6.60	7.85
	600	RF	3.00	4.00	5.83	9.47	10.1	15.6
		BW	2.00	3.12	4.25	7.25	8.56	13.6

Flanged End Check Valve 900Lb~1500Lb



Standard Material Specifications

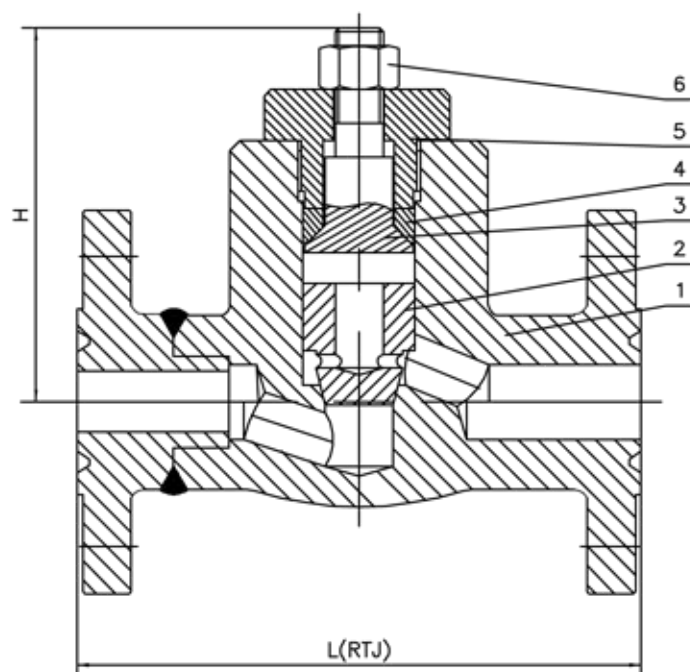
NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Nameplate	SS			
3	Piston Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
4	Bonnet	A105	A182 LF2	A182 F304(L)	A182 F316(L)
5	Gasket	Corrugated SS+graphite			
6	Bolt	A193 B7	A193 B16	A193 B8M	A193 B8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L(RTJ)		216	229	254	279	305	371
L1(BW)		216	229	254	279	305	368
H		79	79	95	104	120	139
Weights	RTJ	8.5	10.5	15.7	20.8	27.2	33.0
	BW	6.4	8.0	13.2	17.8	24.2	29.7

Flanged End Pressure-seal Piston Check Valve 900Lb~2500Lb



Standard Material Specifications

NO.	Part Name	CS To ASTM	AS To ASTM	SS To ASTM	
		Type A105	Type LF2	Type F304(L)	Type F316(L)
1	Body	A105	A182 LF2	A182 F304(L)	A182 F316(L)
2	Life Disc	A276 420	A276 304	A276 304(L)	A276 316(L)
3	Sealing Seat	A105	LF2	A182 F304 L	F316(L)
4	Pressure Ring	A276 304(L)			A276 316(L)
5	Bonnet	A105	A182 LF2	A182 F304 L	A182 F316(L)
6	P.S.Lock Nut	A194 2H	A194 4	A194 8	A194 8M
Suitable Medium		W.O.G.etc	W.O.G.etc	HNO ₃ ,CH ₃ OOH etc	
Suitable Temperature		-29°C~425°C	-29°C~550°C	-29°C~180°C	

Note: Other materials are available upon request.
CS=Carbon Steel; AS=Alloy Steel; SS=Stainless Steel;

Dimensions(mm) and Weights(Kg)

NPS		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	900~1500Lb	216	229	254	279	305	368
	2500Lb	264	273	308	349	384	451
H	900~1500Lb	117	117	117	152	152	195
	2500Lb	117	117	117	152	152	195
Weights	900~1500Lb	10.5	11.9	13.9	19.9	26.9	32.5
	2500Lb	12.6	14.9	16.5	24.8	30.0	35.0