

WAFER TYPE DUAL PLATE CHECK VALVE



FEATURES

150LB / 300LB / 600LB

Size: 2"~60" (50~1500mm)

Materials: A216 WCB, S.S.304(CF8), S.S.316(CF8M)

Small in size, light weight, compact structure, easy maintenance

The quick action prevents of medium back flow

Short face to face and good rigidity

Easy installation, can be mounted horizontally and vertically

This valve is tightly sealed, without leakage

Safe and reliable operation, high interference-resistance

Matching flanges: ANSI B16.5 RF

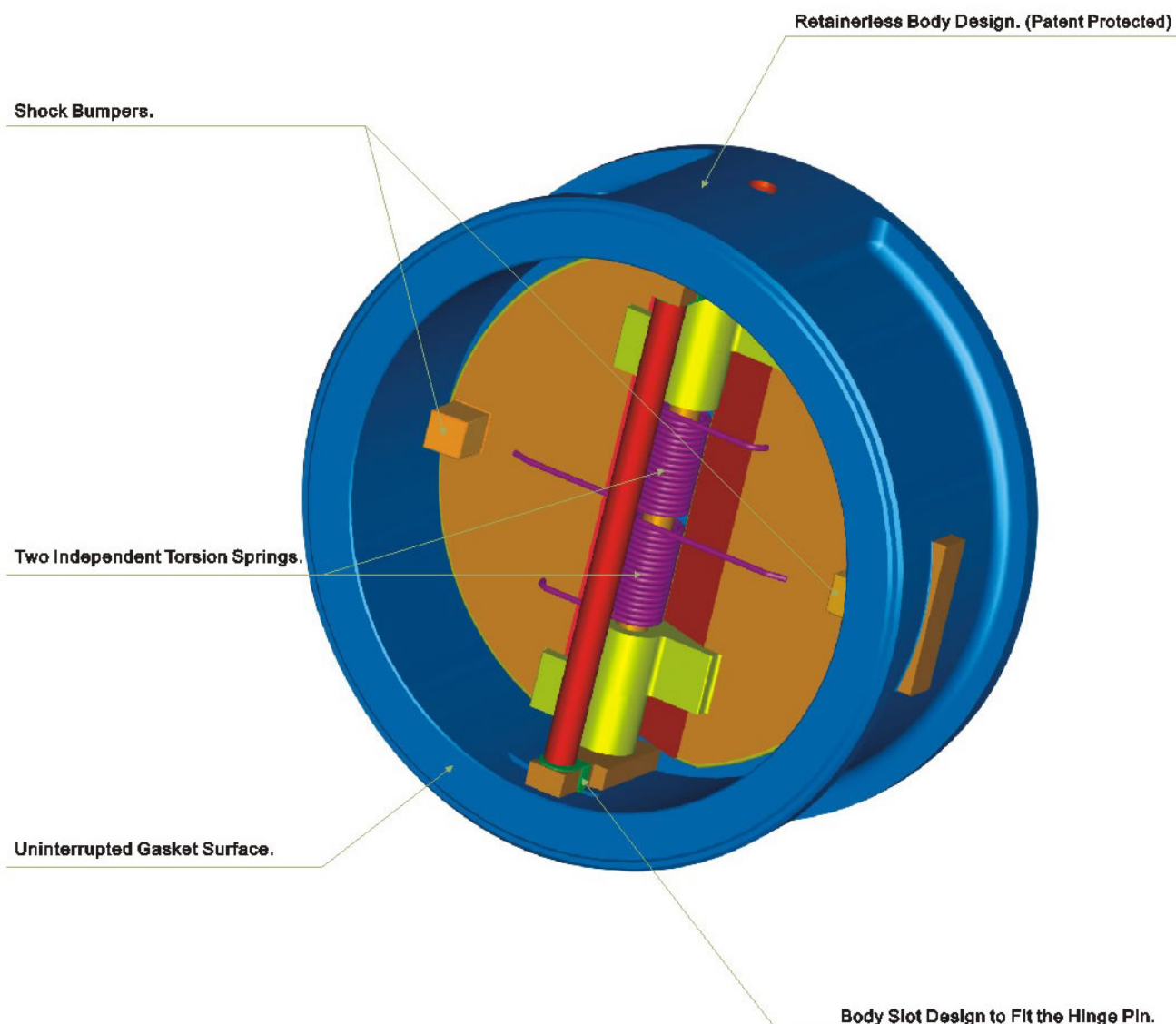
Face to face: API594

Inspection & testing: API598

Design: ASME B16.34 / API594

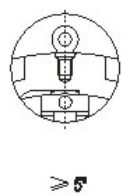
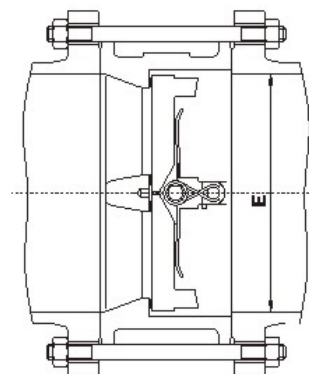
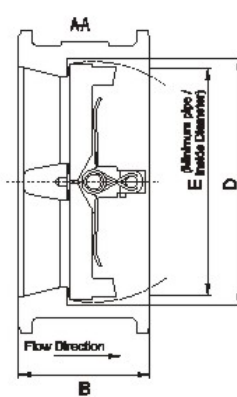
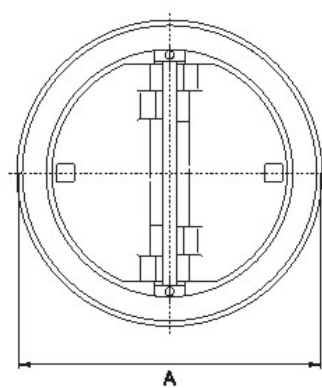
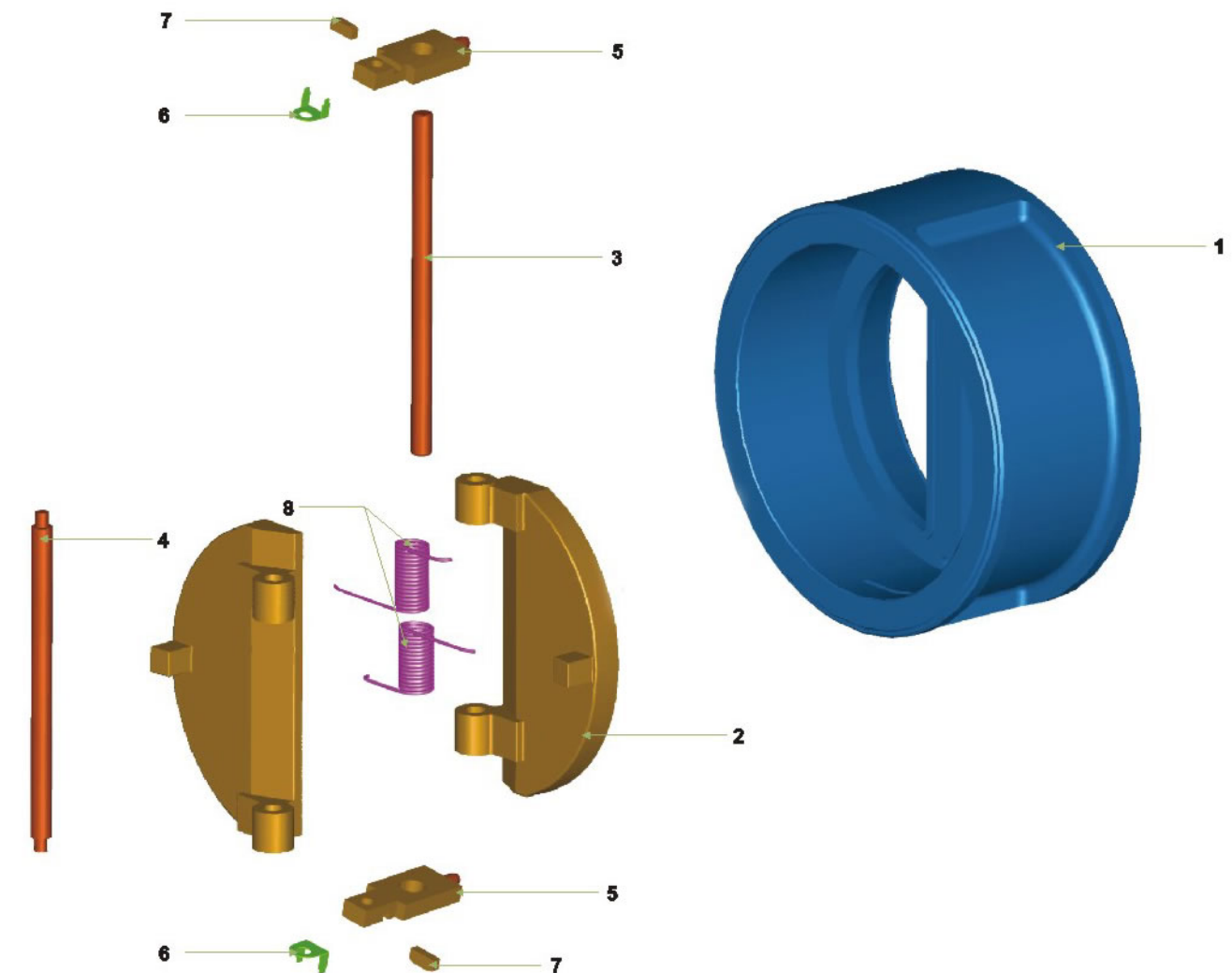
Applicable medium: water, sewage, sea water, air, steam, oils, food, corrosive liquids

Applicable temperature: -196°C~+540°C (higher temperature is available upon request)



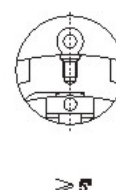
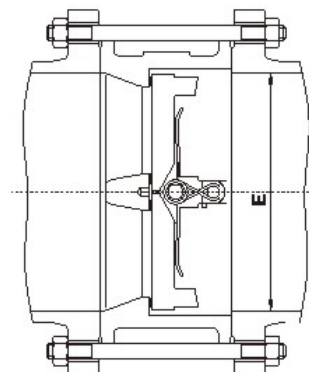
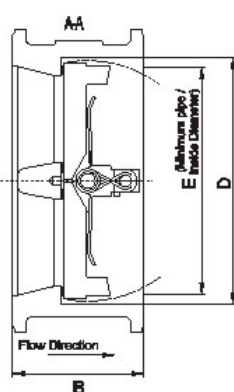
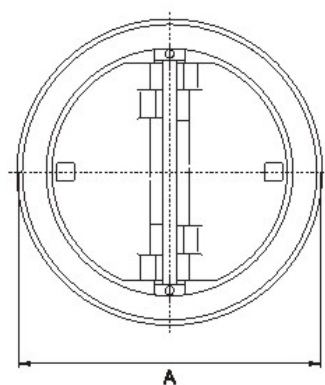
PARTS AND MATERIALS

NO.	PARTS	MATERIALS
1	Body	ASTMA216 WCB, ASTM A351 CF8 (S.S.304), CF8M (S.S.316)
2	Disc	ASTMA216 WCB, ASTM A351 CF8 (S.S.304), CF8M (S.S.316)
3	Hinge pin	ASTM A276-410, ASTM A276 304, ASTM A276 316
4	Stop pin	ASTM A276-410, ASTM A276 304, ASTM A276 316
5	Holder	ASTM A276-420, ASTM A276 304, ASTM A276 316
6	Clip	S.S.304, S.S.316
7	Key	ASTM A182 F304, ASTM A182 F316
8	Spring	SUS304, SUS316, INCONEL X-750
9	Hook screw (5" & larger)	AISI 1025, S.S.304



MAIN CONNECTION DIMENSIONS (150LB)

Size		Dimensions				Stud Details			End	Hook	Weight
NPS	DN	A	B	D	E	No.	Dia	RF Stud Length	Facing	Screw Hole Size	Kgs
		mm	mm	mm	mm		mm	mm		mm	
2"	50	104	60	60	51	4	16	146	RF		3
2-1/2"	65	123	67	73	60	4	16	159	RF		5
3"	80	136	73	73	74	4	16	171	RF		5
4"	100	174	73	114	97	8	16	171	RF		8
5"	125	196	86	141	122	8	19	191	RF		13
6"	150	221	98	168	146	8	19	203	RF	13	14
8"	200	278	127	219	194	8	19	241	RF	13	26
10"	250	339	146	273	243	12	22	267	RF	13	45
12"	350	408	181	324	289	12	22	311	RF	19	64
14"	400	449	184	356	318	12	25	324	RF	19	77
16"	450	511	191	406	381	16	29	337	RF	25	104
18"	500	549	203	457	429	16	29	362	RF	25	123
20"	600	606	219	608	478	20	32	387	RF	25	163
24"	600	718	222	610	575	20	32	406	RF	25	218
26"	650	775	222	660	616	24	32	591	RF	25	454
28"	700	832	305	711		28	32	622	RF	25	544
32"	800	940	356	813		28	38	629	RF	25	635
36"	900	1048	368	914	869	32	38	660	RF	25	794
40"	1000	1162	432	1016		36	38	724	RF	38	1179
48"	1200	1384	524	1219	1194	44	38	787	RF	38	1996
54"	1350	1549	591	1372	1308	44	44	908	RF	38	2495
60"	1500	1715	660	1524	1422	52	44	984	RF	38	3266



MAIN CONNECTION DIMENSIONS (300LB)

Size		Dimensions				Stud Details			End	Hook	Weight
NPS	DN	A	B	D	E	No.	Dia	RF Stud Length	Facing	Screw Hole Size	Kgs
		mm	mm	mm	mm		mm	mm		mm	
2"	50	111	60	64	51	8	16	152	RF		3
2-1/2"	65	129	67	73	60	8	19	171	RF		6
3"	80	149	73	94	74	8	19	184	RF		6
4"	100	180	73	116	97	8	19	191	RF		8
5"	125	215	86	141	122	8	19	210	RF		13
6"	150	250	98	172	146	12	19	229	RF	13	16
8"	200	308	127	222	194	12	22	273	RF	13	31
10"	250	360	146	275	243	16	25	311	RF	13	50
12"	350	421	181	328	289	16	29	362	RF	19	77
14"	400	484	222	358	318	20	29	406	RF	19	132
16"	450	538	232	408	364	20	32	432	RF	25	181
18"	500	597	264	457	429	24	32	470	RF	25	236
20"	600	654	292	508	456	24	32	508	RF	25	318
24"	600	775	318	610	548	24	38	559	RF	25	476
26"	650	835	356	660	619	28	41	635	RF	25	567
28"	700	899	361	711		28	41	673	RF	25	680
30"	750	953	368	762	730	28	44	679	RF	25	748
32"	800	1006	406	813		28	48	737	RF	25	907
36"	900	1118	483	914	869	32	51	832	RF	25	1225
40"	1000	1114	546	914		32	51	895	RF	38	1542
42"	1050	1165	568	1016	1041	32	51	927	RF	38	1905
48"	1200	1324	629	1118	1194	32	54	1029	RF	38	3334

NOTES:

As we are constant endeavoring to improve the performance of our equipment.

The company reserves the right to make alteration from time to time and equipment differ from that detailed in this brochure.