



Shield - Check Valve

▲ Model: SD-CV125 CLASS 125LB FLANGE

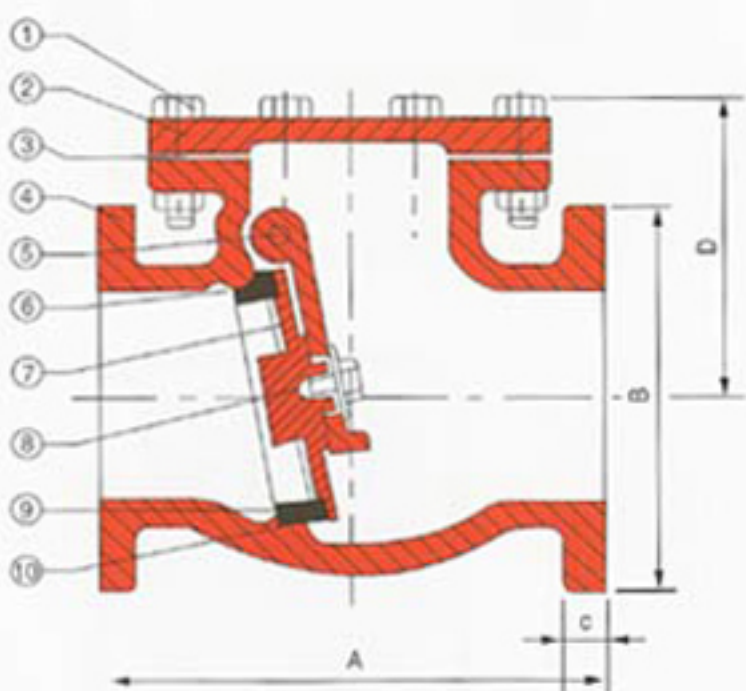


Dimensions (mm)

Size	A	B	C	D
2"	203	152	16	116
2 1/2"	216	178	17	136
3"	241	191	19	141
4"	292	229	24	170
5"	330	254	24	197
6"	356	279	25	241
8"	495	343	29	263
10"	622	406	30	305
12"	699	483	32	343

Flanged to	Class 125	Class 150	Class 250-300	Class 600
Working Pressure (psi)	175	-	-	-
Shell Test Pressure (psi) water	200	-	-	-
Shell Test Pressure (psi) air	80	-	-	-

No	Part	Material	Standard
1	Bolt	Steel	ASTM A307 GRB
2	Cover	Cast Iron	ASTM A126 CLASS B
3	Cover Gasket	Non Asbestos	Commercial
4	Body	Cast Iron	ASTM A126 CLASS B
5	Hinge pin	Stainless Steel	ASTM A276-303
6	Clapper arm	Bronze	ASTM B132
7	Clapper	Cast Iron	ASTM A126 CLASS B
8	Cap screw bolt	Bronze	ASTM B21
9	Body ring	Bronze	ASTM B62
10	Clapper ring	Bronze	ASTM B62



- ▲ The Valves are designed and manufactured according to AWWA standards and other international standards.
- ▲ Flange shape and drilling to specification ANSI B16.10
- ▲ Face to face dimensions confirm to ANSI B16.10
- ▲ Suitable media: Water, Oil, Gas, Fire Fighting
- ▲ Available in all Iron - upon request
- ▲ Working temperature : <425 C

Shield - Check Valve

▲ Model: SD-CV150 CLASS 150LB FLANGE

▲ Model: SD-CV300 CLASS 300LB FLANGE

▲ Model: SD-CV600 CLASS 600LB FLANGE

Dimensions (mm)

Class	Size	L	D	t	G	C	nφ-d	H	Wt (kg)
150LBS	2"	203	152	16	92	120.7	4-19	135	18
	2 1/2"	216	178	18	105	139.7	4-19	147	23
	3"	241	190	19	127	152.4	4-19	178	30
	4"	292	229	24	157	190.5	8-19	222	45
	6"	356	279	26	216	241.3	8-22	314	75
	8"	495	343	29	270	298.5	8-22	350	135
300LBS	2"	267	165	23	92	127.0	8-19	160	25
	2 1/2"	292	190	26	105	149.2	8-22	172	32
	3"	318	210	29	127	168.3	8-22	189	44
	4"	356	254	32	157	200.0	8-22	210	68
	6"	445	318	37	216	269.9	12-22	330	126
	8"	559	381	42	270	330.2	12-25	418	197
600LBS	2"	292	165	26	92	127.0	8-19	200	33
	2 1/2"	330	190	29	105	149.2	8-22	236	46
	3"	356	210	32	127	168.3	8-22	269	65
	4"	432	273	38	157	215.9	8-25	310	110
	6"	559	356	48	216	292.1	12-29	407	260
	8"	660	419	56	270	349.3	12-32	422	410
	10"	787	508	64	324	431.8	16-35	546	476
	12"	838	559	67	381	489.0	20-35	584	771

Flanged to	Class 125	Class 150	Class 250-300	Class 600
Working Pressure (psi)	-	250	600	1000
Shell Test Pressure (psi) water	-	315	815	1630
Shell Test Pressure (psi) air	-	80	80	80

Materials for Main Parts

No	Part	Material	Standard
1	Cover	Cast Steel	ASTM A216 GR WCB
2	Disc	Cast Steel	ASTM A216 GR WCB
3	Hanger	Cast Steel	ASTM A216 GR WCB
4	Seat Sealing Face	Stellite	CO-CR-W
5	Disc Sealing Face	Stainless Steel	13% CR
6	Hanger Pin	Stainless Steel	13% CR
7	Body	Cast Steel	ASTM A216 GR WCB



- ▲ The Valves are designed and manufactured according to AWWA standards and other international standards.
- ▲ Flange shape and drilling to specification ANSI B16.5
- ▲ Face to face dimensions confirm to ANSI B16.5
- ▲ Suitable media: Water, Oil, Gas, Fire Fighting
- ▲ Available in all Iron - upon request
- ▲ Working temperature : <425 C

