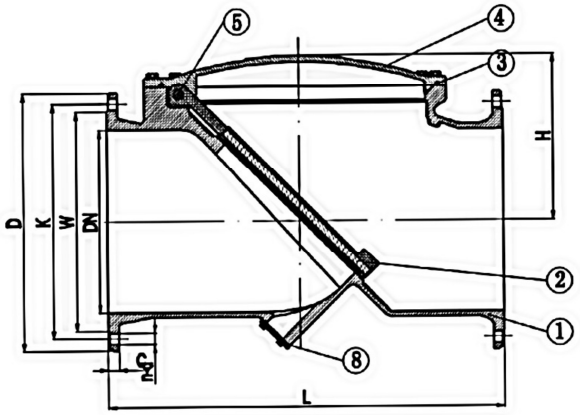
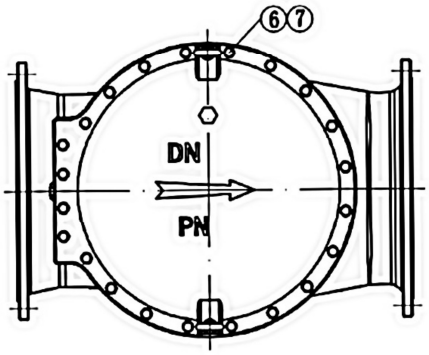
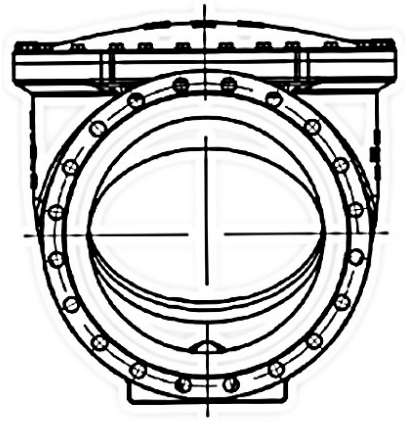
Flexible Check Valve (CVC 106)





REFERENCE STANDARD	
Design	BS EN 5153
Flange	EN 1092-2 ASME B16.1/B16.42
Face to face	BS 5153/ASME B16.1/B16.10/F6
Tests	EN 12266-1

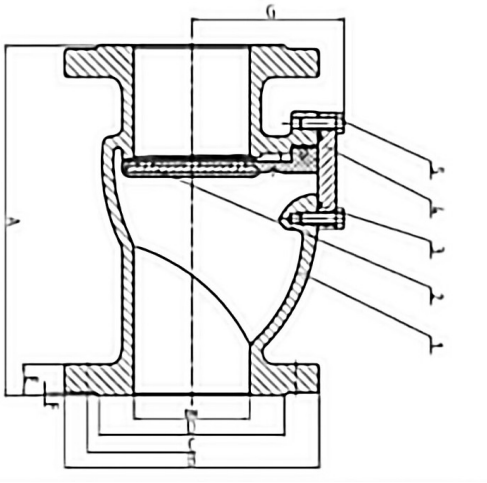


Item	NAME	Material	Standard
1	BODY	GGG50	DIN 1693
2	FLAPPER	WCB+EPDM	ASTM A216/ISO 4633
3	BONNET GASKET	EPDM	IOS 4633
4	BONNET	GGG50	DIN1693
5	PIN	X20Cr13/420	ASTM A969
6	BOLT	SS304	ASTM A969
7	WASHERS	SS304	ASTM A969
8	PLUG	GGG50	DIN 1693

DN	OUTLINE mm			H	END Flange PN10/16-CL125/150m								
	DIN-F6	BS5153	ASMS B16.10		EN 1092-2			ASME B16.1/B16.42			AS4087		
	L				D	k	n-d	D	k	n-d	D	K	n-d
50	200	203	203	90	165	125	4-Ø19	152	120.5	4-Ø19	-	-	-
65	240	216	216	100	185	145	4-Ø19	178	139.5	4-Ø19	-	-	-
80	260	241	241	115	200	160	8-Ø19	191	152.5	4-Ø19	185	146	4-Ø18
100	300	392	392	110	220	180	8-Ø19	229	190.5	8-Ø19	215	178	4-Ø18
125	350	330	330	140	250	210	8-Ø19	254	216	8-Ø22	-	-	-
150	400	356	356	150	285	240	8-Ø23	279	241.5	8-Ø22	280	235	8-Ø18
200	500	495	495	220	340	295	8-Ø23/ 12-Ø23	343	298.5	8-Ø22	335	292	8-Ø18
250	600	622	622	260	395/405	350/355	12-Ø23/ 12-Ø28	406	362	12-Ø25	405	356	8-Ø22
300	700	698	698	300	445/460	400/410	12-Ø23/ 12-Ø28	483	432	12-Ø25	455	406	12-Ø22
350	800	787	787	375	505/520	460/470	12-Ø23/ 16-Ø28	533	476	12-Ø28	525	470	12-Ø26
400	900	914	914	400	565/580	515/525	16-Ø28/ 16-Ø31	597	540	16-Ø28	580	521	12-Ø26
450	1000	965	-	430	615/640	565/585	20-Ø28/ 20-Ø31	635	578	16-Ø32	640	584	12-Ø26
500	1100	1087	-	470	670/715	620/650	20-Ø28/ 20-Ø34	699	635	20-Ø32	705	641	16-Ø26
600	1300	1219	-	550	780/840	725/770	20-Ø31/ 20-Ø37	813	749	20-Ø35	825	756	16-Ø30
700	-	1448	-	600	895/910	840	24-Ø31/ 24-Ø37	-	-	-	910	845	20-Ø30

Swing Check Valve (CVC 105)

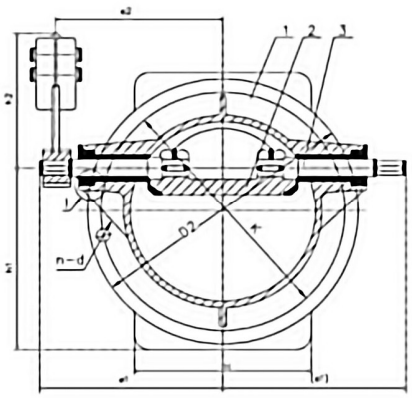
- BS EN1092-2
- DIN3202.F5
- Flange comply with BS EN1092-2
- Face to face: DIN 3202.F5

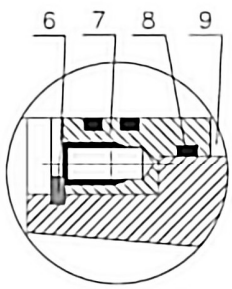


No.	Part	Material
1	Body	Ductile Iron GGG 50/40
2	Wedge	Ductile Iron GGG 50/40 + EPDM
3	Seal Gasket	EPDM
4	Cover board	Ductile Iron GGG 50/40
5	Bolt	Carbon Steel

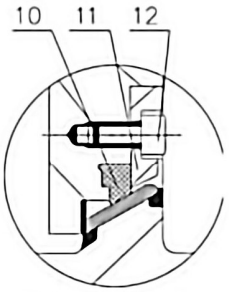
DN	PN	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	n-Ød	WEIHT KG
50	10	250	165	125	99	19	3	120	4-Ø19	12
	16									
65	10	270	185	145	118	19	3	130	4-Ø19	14
	16									
80	10	280	200	160	132	19	3	140	8-Ø19	17
	16									
100	10	300	220	180	156	19	3	150	8-Ø19	23.7
	16									
125	10	325	250	210	184	19	3	180	8-Ø19	28
	16									
150	10	360	285	240	211	19	3	200	8-Ø23	42
	16									
200	10	400	340	295	266	20	3	240	8-Ø23	64
	16								12-Ø23	
250	10	450	400	350	319	22	3	300	12-Ø23	97
	16			355					12-Ø28	
300	10	500	455	400	370	24.5	4	320	12-Ø23	142
	16			410					12-Ø28	

Tilting Disc Check Valve (TCV200)



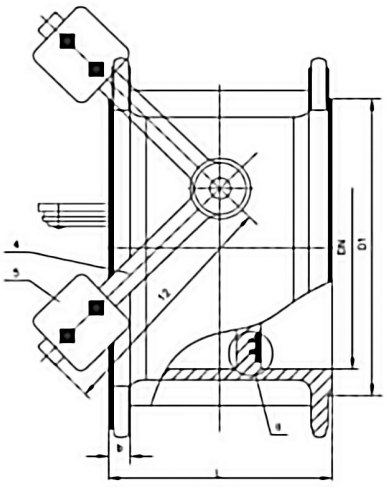


I enlarged view



II enlarged view

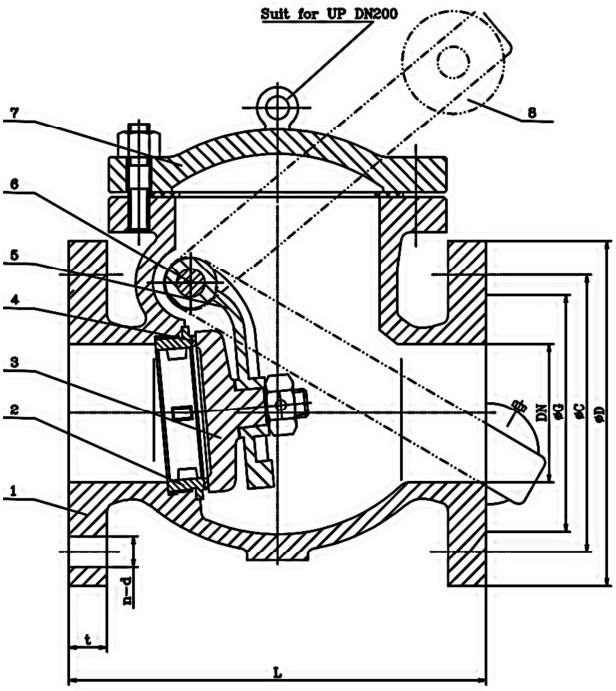
Component list		
NO	Name	Material
1	Body	Ductile Iron
2	Disc	Ductile Iron
3	Shaft	SS420
4	Lever	Ductile Iron
5	Counterweight	GGG50
6	Resilient Ring	65Mn
7	Seal Cover	SS316
8	O-ring	EPDM
9	Shaft Bearing	Al-bronze
10	Disc Seal Ring	EPDM
11	Resilient Ring	SS316
12	Hex. Bolt	SS316



Suitable medium:
Water and low-corrosive liquid etc:
Suitable temperature: -10~120°C.

Dimensions / PN10												
DN	L	11	12	e1	e2	h1	h2	D2	b	D1	K	n-d
100	190	-	200	192	160	135	189	220	19	156	180	8-Ø19
150	210	-	200	238	206	180	189	285	19	211	240	8-Ø23
200	230	-	200	263	231	220	189	340	20	266	295	8-Ø23
250	250	-	300	313	276	265	280	400	22	319	350	12-Ø23
300	270	-	300	326	289	305	280	455	24.5	370	400	12-Ø23
350	290	250	400	388	346	357	372	505	24.5	429	460	16-Ø23
400	310	370	400	418	376	395	372	565	24.5	480	515	16-Ø28
450	330	430	450	470	420	440	405	615	25.5	530	565	20-Ø28
500	350	475	500	495	453	490	460	670	26.5	582	620	20-Ø28
600	390	570	600	592	540	580	555	780	30	682	725	20-Ø31
700	430	590	700	688	623	635	642	895	32.5	794	840	24-Ø31
800	470	660	800	715	656	713	735	1015	35	901	950	24-Ø34
900	510	680	900	825	740	795	830	1115	37.5	1001	1050	28-Ø34
1000	550	700	1000	832	764	890	920	1230	40	1112	1160	28-Ø37
1200	630	850	1200	1000	900	1042	1087	1455	45	1328	1380	32-Ø41
1400	710	1000	1400	1246	1100	1200	1280	1675	46	1530	1590	36-Ø44

Swing Check Valve with Counter Weight (CVLW 201)

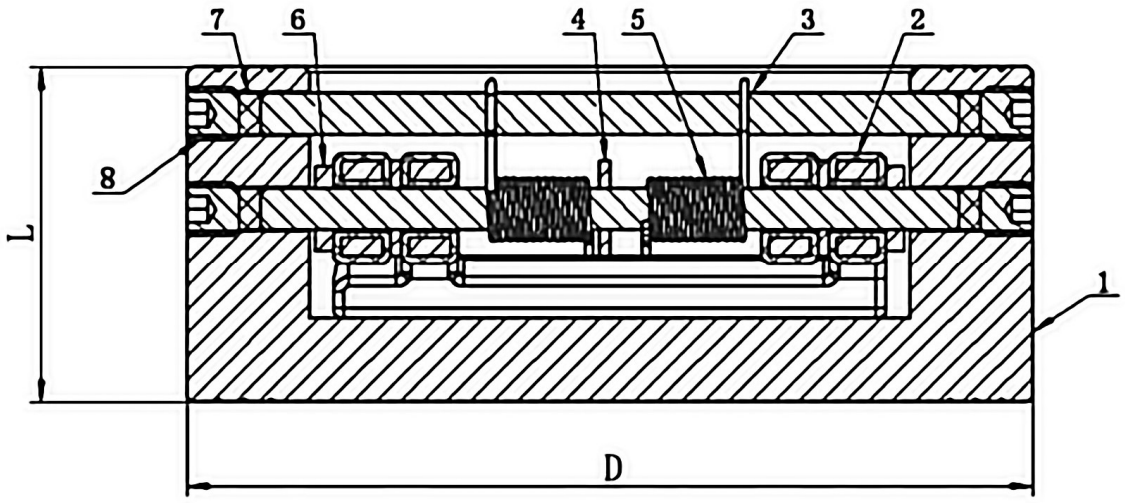


SWING CHECK VALVE WITH COUNTER WEIGHT DN 100- 1000		
NO	**Name**	**Material**
1	Body	Ductile Iron
2	Body seat	Brass
3	Disc	Ductile Iron
4	Sealing face of disc	Brass
5	Arm	Ductile Iron
6	Hinge Pin	Stainless steel
7	Cover	Ductile Iron
8	Balance weight	Cast iron

Model Drawing No. CVLW201			
Flow Medium		Water	
Working Pressure		10	bar
Test Pressure	Body	15	
	Seat	11	

DN	L	ØD	ØC	ØG	n-d	t (DI)	f
50	200	165	125	102	4 - 18	19	3
65	240	185	145	122	4 - 18	19	3
80	260	200	160	138	8 - 18	19	3
100	300	220	180	158	8 - 18	19	3
125	350	250	210	188	8 - 18	19	3
150	400	285	240	212	8 - 23	19	3
200	500	340	295	268	8 - 23	20	3
250	600	395	350	320	12 - 23	22	3
300	700	445	400	378	12 - 23	24.5	4
350	800	505	460	438	16 - 23	24.5	4
400	900	565	515	490	16 - 28	24.5	4
500	1100	670	620	609	20 - 28	26.5	4
600	1300	780	725	720	20 - 31	30	4
700	1500	895	840	800	24 - 31	32.5	4
800	1700	1015	950	900	24 - 34	35	4
900	1900	1115	1050	1000	28 - 34	37.5	5
1000	2100	1230	1160	1115	28 - 37	40	5

Wafer Twin Check Valve (WCV201)



- GB17241.6/EN 1092-2, Flange Accord to GB17241.6 / EN 1092-2
- Face to face accord to GB12221
- PN10/PN16 Working Pressure
- Its easy to install on pipline which is laid horizontaly or verticaly.

Material list		
NO	Name	Material
1	Body	DI.ASTM A536
2	Wedge	Ductile Iron GGG50/40 + EPDM
3	Stem	Stainless Steel 316
4	Thin friction pad	PTFE
5	Spring	SS316 Stainless Steel
6	Thick friction pad	PTFE
7	Gasket	EPDM Rubber
8	Flat point set screw	Carbon Steel

DN	L	D
40	43	92
50	43	107
65	46	127
80	64	142
100	64	162
125	70	192
150	76	218
200	89	273
250	114	328
300	114	378