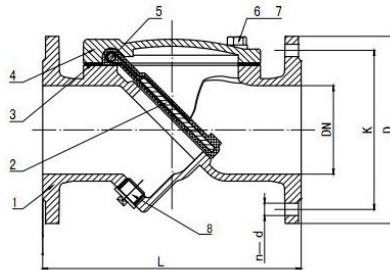


## Flexible Check Valve



### APPLICATION

SIZE	DN50-800
CLASS	PN10/16/CL125/150
DESIGN	BS5153, MSS SP-71
FACE TO FACE	BS5153, ASME B16.10, DIN F6
END FLANGE	EN1092-2, ASME B16.1/16.42, AS4087
TESTS	EN12266

### MATERIAL LIST & DIMENSIONS.

STANDARD MATERIALS OF MAIN PARTS			
ITEM	PART NAME	MATERIAL	STANDARD
1	Body	GGG50/GJS500	DIN 1693/BS EN1563
2	Flapper	WCB+EPDM	ASTMA216/ISO 4633
3	Bonnet Gasket	EPDM	ISO4633
4	Bonnet	GG250/GG50/GJL250/GJS500	DIN 1691/1693; BS EN 1561/1563
5	Pin	X20Cr13/420	EN10088-1/ASTMA959
6	Bolt	C45E/1045	EN 10083-2/ASTMA29
7	Washers	C45E/1045	EN 10083-2/ASTMA29
8	Nuts	CS/GGS500	EN10083-2/DIN1693

DN	OUTLINE mm			END FLANGE PN10/16-CL 125/150 mm								
	BS5153	ASME B16.10	DIN-F6	EN1092-2			ASME B16.1/B16.42			AS4087		
	L	L	D	K	n-d	D	K	n-d	D	K	n-d	
50	203	203	200	165	125	4-Φ19	152	120.5	4-Φ19	-	-	-
65	216	216	240	185	145	4-Φ19	178	139.5	4-Φ19	-	-	-
80	241	241	260	200	160	8-Φ19	191	152.5	4-Φ19	185	146	4-Φ18
100	292	292	300	220	180	8-Φ19	229	190.5	8-Φ19	215	178	4-Φ18
125	330	330	350	250	210	8-Φ19	254	216	8-Φ22	-	-	-
150	356	356	400	285	240	8-Φ23	279	241.5	8-Φ22	280	235	8-Φ18
200	495	495	500	340	295	8-Φ23/12-Φ23	343	298.5	8-Φ22	335	292	8-Φ18
250	622	622	600	395/405	350/355	12-Φ23/12-Φ28	406	362	12-Φ25	405	356	8-Φ22
300	698	698	700	445/460	400/410	12-Φ23/12-Φ28	483	432	12-Φ25	455	406	12-Φ22
350	787	787	800	505/520	460/470	16-Φ23/16-Φ28	533	476	12-Φ28	525	470	12-Φ26
400	914	914	900	565/580	515/525	16-Φ28/16-Φ31	597	540	16-Φ28	580	521	12-Φ26
450	965	-	1000	615/640	565/585	20-Φ28/20-Φ31	635	578	16-Φ32	640	584	12-Φ26
500	1067	-	1100	670/715	620/650	20-Φ28/20-Φ34	699	635	20-Φ32	705	641	16-Φ26
600	1219	-	1300	780/840	725/770	20-Φ31/20-Φ37	813	749	20-Φ35	825	756	16-Φ30
700	1448	-	-	895/910	840	24-Φ31/24-Φ37	-	-	-	910	845	20-Φ30
800	1956	-	-	1015/1025	950	24-Φ34/24-Φ41	-	-	-	1060	984	20-Φ36