

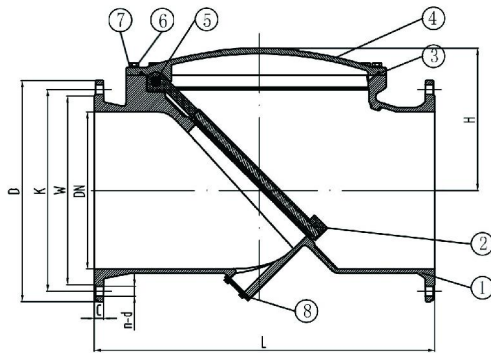
45°Flap Check Valve

Features:

- Bolted Bonnet
- 45°Flap Type
- Suitable Medium: Clear water, sewage, air
- Surface treatment: RAL5017 FBE Coated

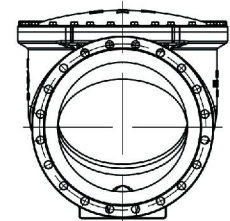
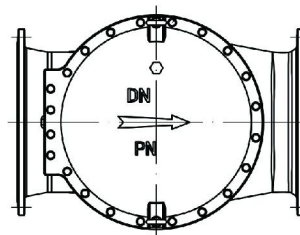
Technical Specification:

- Design: BS EN5153
- Face to Face: BS5153/ASME B16.10/DIN F6
- Flanges: EN1092-2/ ASME B16.1/B16.42
- Hydraulic test: EN12266-1
Seat Test: 11/17.6bar
Shell Test: 15/24bar



MATERIAL LIST

Item No.	Part Name	Specification
1	Body	Ductile Iron GGG50
2	Flapper	WCB+EPDM
3	Bonnet Gasket	EPDM
4	Bonnet	Ductile Iron GGG50
5	Pin	SS X20Cr13/420
6	Bolt	C45E/1045
7	Washers	C45E/1045
8	Nuts	C45E/1045



Dimensions (mm)

Size	L			H	EN 1092-2 PN10/16			ASME B16.1/B16.42			AS4087		
	DIN-F6	BS5153	ASME B16.10		D	K	n-d	D	K	n-d	D	K	n-d
DN50	200	203	203	90	165	125	4-19	152	120.5	4-19	-	-	-
DN65	240	216	216	100	185	145	4-19	178	139.5	4-19	-	-	-
DN80	260	241	241	115	200	160	8-19	191	152.5	4-19	185	146	4-18
DN100	300	292	292	120	220	180	8-19	229	190.5	8-19	215	178	4-18
DN125	350	330	330	140	250	210	8-19	254	216	8-19	-	-	-
DN150	400	356	356	150	285	240	8-23	279	241.5	8-22	280	235	8-18
DN200	500	495	495	220	340	295	8-23/12-23	343	298.5	8-22	335	292	8-18
DN250	600	622	622	260	395/405	350/355	12-23/12-28	406	362	8-22	405	356	8-22
DN300	700	698	698	300	445/460	400/410	12-23/12-28	483	432	12-25	455	406	12-22
DN350	800	787	787	375	505/520	460/470	16-23/16-28	533	476	12-25	525	470	12-26
DN400	900	914	914	400	565/580	515/525	16-28/16-31	597	540	12-28	580	521	12-26
DN450	1000	965	-	430	615/640	565/585	20-28/20-31	635	578	16-28	640	584	12-26
DN500	1100	1067	-	470	670/715	620/650	20-28/20-34	699	635	16-32	705	641	16-26
DN600	1300	1219	-	550	780/840	725/770	20-31/20-37	813	749	20-32	825	756	16-30
DN700	-	1448	-	600	895/910	840	24-31/24-37	-	-	20-35	910	845	20-30