

DUAL-PLATE WAFER CHECK VALVE

DN50-DN600

MODEL NUMBER: DPCV



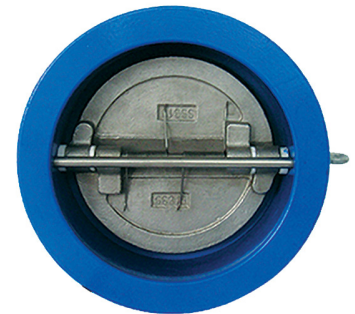
Temp. Range[°C]	Flange Drilling	Design Standard	Testing
-10°C to +120°C	EN1092-2 PN16	Manufacturers Standard	EN12266-1

Application

- Designed for pumping and distribution of water with flow rates up to 5 m/s.

Features

- Spring assisted for better dynamic behaviour
- Compact design
- Soft seated for bubble tight seal at low differential pressures
- Internally and externally liquid epoxy painted or fusion bonded powder coated (FBE)



Options

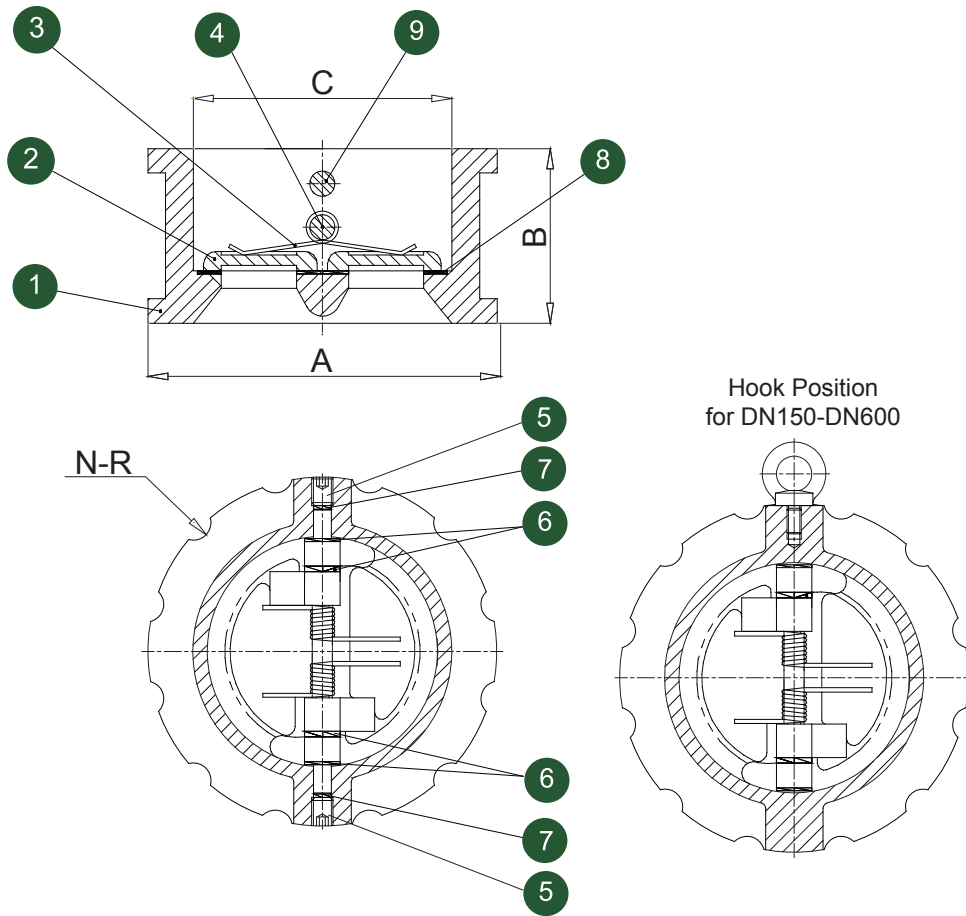
- Various seats available
- Various body and Disc materials available
- PN25 rating

Accessories

- Lifting eye bolts

Materials

No.	Part Name	Material	EN Specification	ASTM Specification
1	Body	Grey Cast Iron	EN1561 EN-GJL-250	A126 Class B
2	Disc	Stainless Steel	EN 10088 X5CrNi18-10	A351 Grade CF8
3	Seat	Rubber	EN681.EPDMorNBR	D2000
4	Hinge Pin	Stainless Steel	EN10088. X20Cr13	A276 Type 420
5	Stop Pin	Stainless Steel	EN10088, X20Cr13	A276 Type 420
6	Pin Retainer	Stainless Steel	EN 10088 X5CrNi18-10	A276 Type 304
7	Spring	Stainless Steel	EN10088 X5CrNi18-10	A276 Type 304
8	Washer	Plastic	Commercial . PTFE	Commercial. PTFE
9	Gasket	Rubber	WRAS EPDM EN681	Commercial



Dimensions

DN	A			B	N-R
	Table D/ E Flange	ANSI 125#/ 150# Flange	EN1092-2 PN16 Flange		
50	96	102	106	54	–
65	109	121	126	54	–
80	126	134	141	57	–
100	158	172	161	64	–
125	190	194	191	70	–
150	210	220	217	76	–
200	267	277	272	95	12-R12.5
250	331	337	327	108	12-R15
300	379	407	382	143	12-R15
350	445	447	442	184	16-R15
400	493	511	494	191	16-R16.5
450	559	546	554	203	–
500	616	602	616	213	–
600	723	715	733	222	–