



RDCV-Rubber Disc Check Valve

RDCV is a fully encapsulated resilient disc seat, double flange swing check valve for reliable reverse flow prevention, good for both clean water/sewage applications. It is a 40 degree angle declined seat which can help quick closure and minimize the water hammer and slamming.



Features:

- Double flange design, the disc is composed of DI plate, steel bar shaft and nylon reinforced fabric.
- The rubber disc is totally encapsulated in NBR rubber for superior sealing and corrosion resistance.
- Nylon fabric is inserted into the disc for strengthening the disc from cracking and breaking during operations.
- Much shorter stroke to minimize water hammer and water slamming.
- The flap disc rises above the flow profile reducing possible wear and damage.
- All iron parts are coated in fusion bond epoxy resin.
- Simple design, top entry cover allows for access for cleaning, replacement and maintenance easy.
- Meets BS EN 1074-3 and BS EN 558-1 F/F dimensions.

General Applications:

For general water supply, fire fighting, HVAC/cooling & sewage system.

Technical Data:

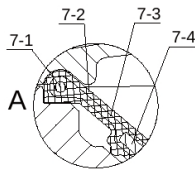
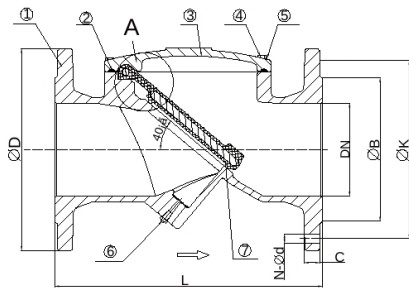
Size Range:

DN 50-300mm

Pressure rating: PN10, PN16

Max. temperature Range: -10°C to 80°C

RDCV-Main Valve



Parts List & Material

No.	Part Name	Material	Standard
1	Body	Ductile Iron	GGG50
2	O-ring	Rubber	NBR
3	Bonnet	Ductile Iron	GGG50
4	Bolt	Carbon Steel	Galvanized
5	Washer	Carbon Steel	Galvanized
6	Plug	Carbon Steel	Galvanized
6	Disc	Steel + Rubber	C45E4 + NBR/EPDM
7-1	Bar	Steel	C45E4
7-2	Lining	Rubber	NBR
7-3	Reinforcement Fabric	Nyoln	Commercial
7-4	Disc Plate	Carbon Steel	C45E4

* Item 5 will be an option upon request.

Dimension

Unit: mm

DN	Model No	L	ØB	ØD	ØK	n- Ød	C
50	RDCV-0050	203	99	165	125	4-Ø19	19
65	RDCV-0065	216	118	185	145	4-Ø19	19
80	RDCV-0080	241	132	200	160	4-Ø19	19
100	RDCV-0100	292	156	220	180	8-Ø19	19
125	RDCV-0125	330	184	250	210	8-Ø19	19
150	RDCV-0150	356	211	285	240	8-Ø23	19
200	RDCV-0200	495	266	340	295	8-Ø23	20
250	RDCV-0250	622	319	395	350	12-Ø23	22
300	RDCV-0300	698	370	445	400	12-Ø23	24.5

* DN80 drilling according to PN6.

Ordering Code

Model:
RDCV: Rubber Disc Check Valve

RDCV - 0150 - 16

End Connection / Rating:
10: PN10
16: PN16

Valve Size:
0080: 80 mm
0150: 150 mm