CLAPET CHECK VALVE “CROV”



TECHNICAL FEATURES

CLAPET CHECK VALVE

- The CROV is a clapet check valve, designed to be installed between collars and flanges, which allows the flow only in one direction.
- Connection with pipes with maximum pressure rating PN 10



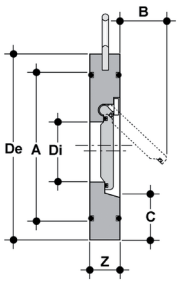
DN 40 ÷ 300

TECHNICAL SPECIFICATIONS

Construction	Grey PVC clapet check valve
Size range	DN 40 ÷ 300
Nominal pressure	PN5 bar with water at 20 °C
Temperature range	0 °C ÷ 60 °C
Coupling standards	**Flanging system:** DIN 2501 PN 10, EN ISO 1452,EN ISO 15493
Reference standards	**Construction criteria:** EN ISO 16137 EN ISO 1452, EN ISO 15493 **Test methods and requirements:** ISO 9393 **Installation criteria:** DVS 2204, DVS 2221, UNI 11242
Body and disc material	PVC-U
Seal material	EPDM

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DIMENSIONS



CROV

PVC-U/EPDM clapet check valve

D	PN	DN	De	Z	Di	A	B	C	g	A(hor) Bar	A(vert) Bar	B Bar	Code
50	5	40	95	16	22	72	25	28	160	0,001	0,002	0,3	CROV050E
63	5	50	109	18	32	86	37	29	260	0,001	0,003	0,3	CROV063E
75	5	65	129	20	40	105	50	31	330	0,001	0,003	0,3	CROV075E
90	5	80	144	20	54	119	61	32	400	0,001	0,003	0,2	CROV090E
110	5	100	164	23	70	146	77	31	560	0,001	0,003	0,2	CROV110E
140	5	125	195	23	92	173	94	35	760	0,001	0,003	0,2	CROV140E
160	5	150	220	26	105	197	100	40	1120	0,001	0,005	0,2	CROV160E
225	5	200	275	34	154	225	152	38	2130	0,001	0,005	0,2	CROV225E
280	5	250	330	40	192	312	180	41	3540	0,001	0,008	0,2	CROV280E
315	5	300	380	45	227	363	215	41	5350	0,001	0,008	0,2	CROV315E

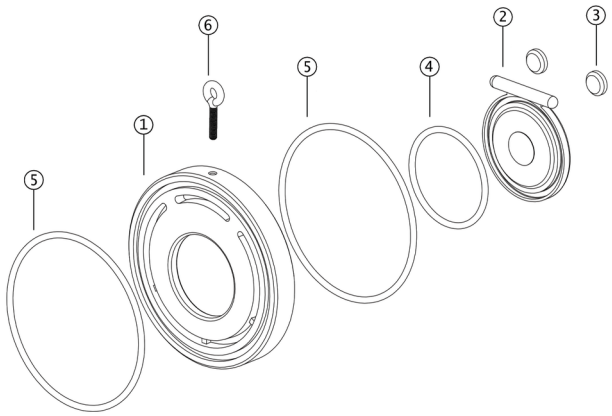
A - Minimum pressure for valve opening

B - Minimum ppressure for valve sealing

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COMPONENTS

EXPLODED VIEW



No.	COMPONENT	No.	COMPONENT	No.	COMPONENT
1	Body (PVC-U - 1)	3	Disc holder (PVC-U - 2)	5	O-ring body (EPDM - 2)
2	Disc (PVC-U - 1)	4	O-ring disc (EPDM - 1)	6	Eyelet (Zinc plated carbon steel- 1)

Inside brackets are indicated the material and the quantity supplied for each component.

Dimensions in mm; g = weight in grams. Specifications are subject to change without notice.