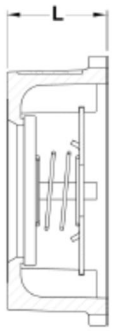
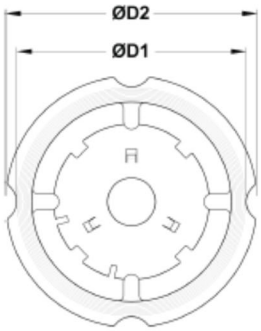




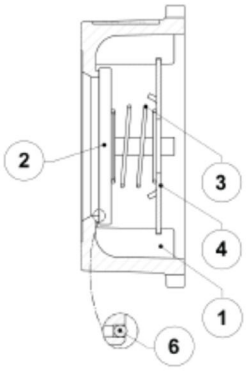
DIMENSIONS				
SIZE	D1	D2	L	WEIGHT (kg)
1/2" – DN 15	43	50	16	0,18
3/4" – DN 20	53	60	19	0,2
1" – DN 25	62	70	22	0,25
11/4" – DN 32	75	81	28	0,5
11/2" – DN 40	86	91	32	0,7
2" – DN 50	96	105	40	1,3
21/2" – DN 65	115	125	46	1,7
3" – DN 80	133	147	50	2,5
4" – DN 100	154	167	60	3,5

MATERIALS		
POS. N°	DESIGNATION	MATERIAL
1	Body	A351 CF8M / 1.4408
2	* Disc	AISI 316 / 1.4401
3	* Spring	AISI 302 / 1.4300
4	Star	AISI 316 / 1.4401
6	* Soft seal	EPDM; NBR; VITON; PTFE

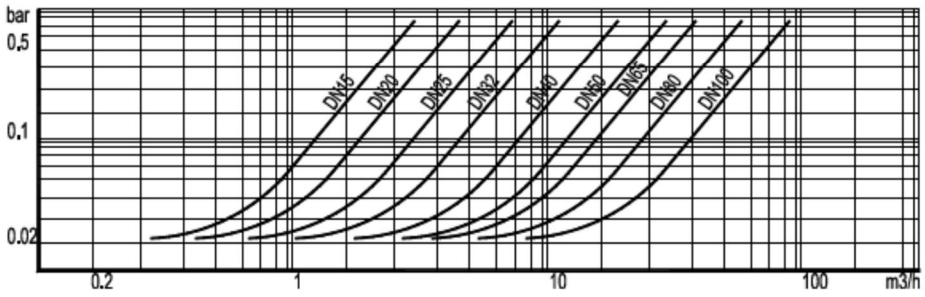
* Available spare parts.

MINIMUM OPENING PRESSURES WITH STANDARD SPRING (mbar)				
SIZE	D.P. ↑	D.P. →	D.P. ↓	D.P. * ↑
1/2" – DN 15	25	23	21	2
3/4" – DN 20	25	23	21	2
1" – DN 25	25	23	21	2
11/4" – DN 32	27	24	21	3
11/2" – DN 40	28	25	21	4
2" – DN 50	29	25	21	4
21/2" – DN 65	30	26	21	5
3" – DN 80	31	26	21	5
4" – DN 100	33	27	21	6

→ : Flow direction.
* Vertical installation without springs (bottom to top).



Pressure drop, horizontal flow, standard spring (water – 20°)



To determine the pressure drop of other mediums the equivalent water flow volume has to be calculated: $V_w = \sqrt{\frac{Q}{1000}} \times V$

Vw = Equivalent water flow volume in m³/h; Q = Density in kg/m³; V = Flow volume in m³/h