

CHECK VALVE WITH SPRING & SOFT SEAL

TYPE 6120



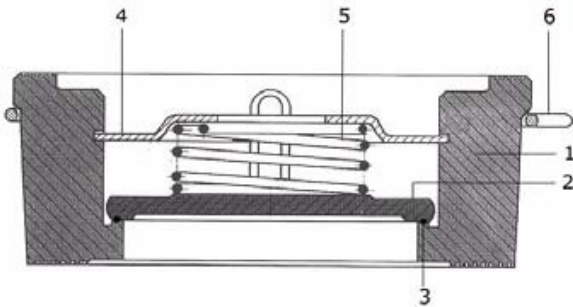
GENERELT

DIMENSION:	DN15 - DN100
PRESSURE:	40 BAR
MATERIAL:	STAINLESS STEEL CF8M
O-RING:	EPDM / FPM
TEMPERATURE:	EPDM - MAX. 120°C FPM - MAX. 170°C
FLANGE TCONNECTION:	DIN 2501 (PN6/10/16/25/40) BS 10 TABLE D, E, F ANSI B 16.1 CLASS 125 FF

OPTION

DIMENSION:	DN125 - DN200
MATERIAL:	BRASS, AISI 304, GG25
O-RING:	NBR

MATERIAL

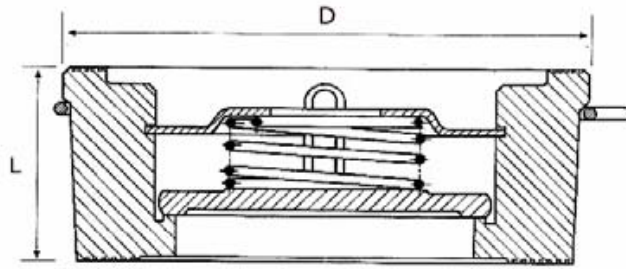


POS	DESCRIPTION	MATERIAL
1	BODY	STAINLESS STEEL CF8M
2	DISC	STAINLESS STEEL AISI 316
3	O-RING	EPDM / FPM
4	SPRINGHOLDER	STAINLESS STEEL AISI 316
5	SPRING	STAINLESS STEEL AISI 316
6	HANGER	STAINLESS STEEL AISI 304

DESCRIPTION

- **Wax Cast check valve** in stainless acid-proof steel. Wax casting provides a very clean surface structure.
- **O-ring seal in the effluent generates** close to 100% counter function.
- **Check valve the overall length** is the same as the most common on the market and can therefore be fitted existing between the flanges.
- **Spring impact flap** allows installation in all directions.

DIMENSION



MM	L [MM]	D [MM]
15	16.0	40.0
20	19.0	47.0
25	22.0	56.0
32	28.0	72.0
40	31.5	82.0
50	40.0	95.0
65	46.0	115.0
80	50.0	132.0
100	60.0	152.0

OPENING PRESSURE/PRESSURE DROP

DN [MM]	OPENING PRESSURE [mbar]			
	FLOW DIRECTION			
	WITHOUT SPRING	WITH SPRING		
	↑	↑	→	↓
15	2,5	25	22,5	20
20	2,5	25	22,5	20
25	2,5	25	22,5	20
32	3,5	27	23,5	20
40	4,0	28	24,0	20
50	4,5	29	24,5	20
65	5,0	30	25,0	20
80	5,5	31	25,5	20
100	6,5	33	26,5	20
125	10,5	31	20,5	10
150	11,5	33	21,5	10
200	11,5	32,4	21,2	10

