STAINLESS STEEL WAFER SPRING CHECK VALVE PN40

CERTIFICAT 3.1 sur demande | CE | CE 1935/2004 | ATEX | TÜVRheinland PED/2014/68/UE



1. Standards

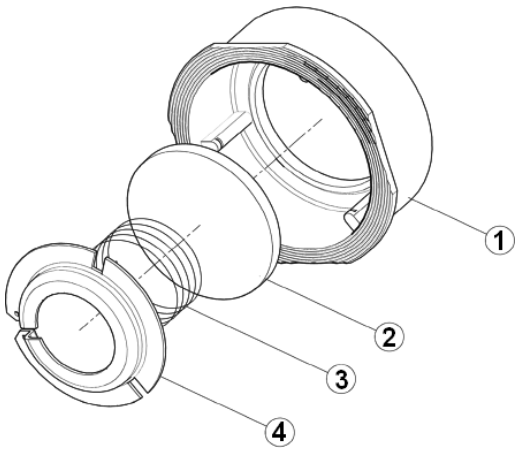
- ✓ Manufacturer certified ISO 9001 : 2015
- ✓ DIRECTIVE 2014/68/EU : CE N° 0035 up to DN100, CE N°0062 from DN125 to 200 Risk Category III Module H
- ✓ Certificate 3.1 on request
- ✓ Designing according to EN 12516-1
- ✓ Pressure tests according to API 598, table 6
- ✓ Length according to EN 558 series 49 (DIN 3202 K4)
- ✓ ATEX Group II Category 2 G/2D Zone 1 & 21 Zone 2 &22 (optional marking)
- ✓ Drinking water compatibility
- ✓ Check valve in accordance with the regulation (EC) N° 1935-2004 on request

2. Features

Use :	Chemical and pharmaceutical industries, petrochemical industries, hydraulic installation, compressed air
Sizes :	DN15 to DN200
Connection :	Between flanges PN10/16/25/40 and Class 150
Min. temperature :	-20°C
Max. temperature :	+400°C
Working pressure max. :	40 Bars
Features :	Spring disc type All positions Metal/metal tightness
Materials	Stainless steel EN 1.4408

Information provided as an indication and subject to possible modification

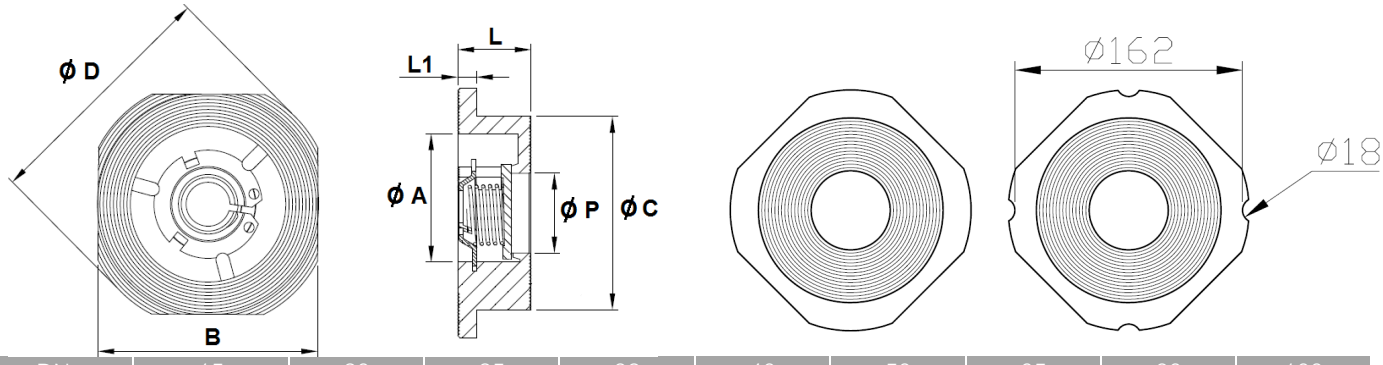
3. Materials



Item	Designation	Materials
1	Body	EN 1.4408
2	Disc	ASTM A240-316
3	Spring	AISI 316
4	Spring holder	ASTM A240-316

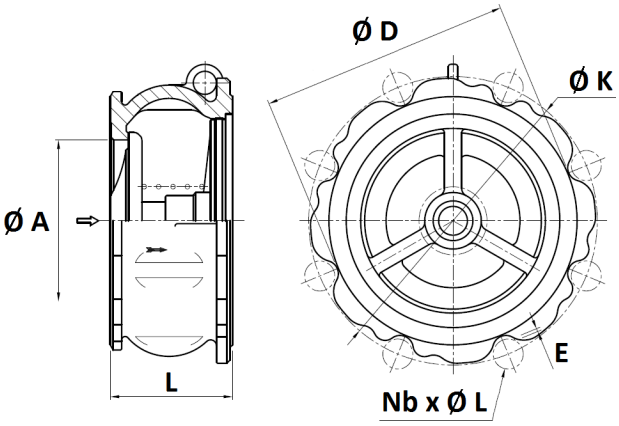
4. Sizes (in mm)

SIZES DN15-100 (in mm)



DN	15	20	25	32	40	50	65	80	100
Ø A	34	39	46	60	70	79	101	109	134
B	44.6	54	65	78	88	101.6	120.4	133	164
Ø C	40.5	47	56	70	80	90	113	123	150
Ø D	54	62	73	83	93	107	126.5	141.2	171.4
L	16	19	22	28	31.5	40	46	49	60
L1	3.5	3.5	4	5	5	5	5.5	5.5	6.5
Ø P	12.5	20	25	32	38	49	64	78	98
weight (Kg)	0.1	0.2	0.3	0.5	0.6	0.9	1.4	2	3

SIZES DN125-200 (in mm) :



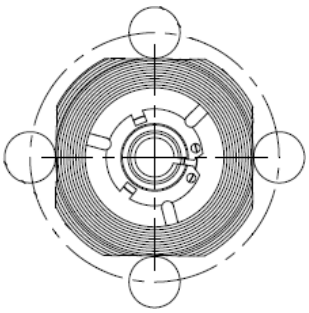
DN	125	150	200
L	90	106	140
Ø A	120	140	184
Ø D	186	216	267
Ø K	220	250	320
Nb x Ø L	8 x 26	8 x 26	12 x 30
E	3	2.7	10
weight (Kg)	8.34	13.4	24.2

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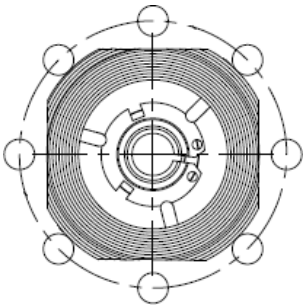
5. BOLTING POSITIONS :

BETWEEN PN10/16 FLANGES

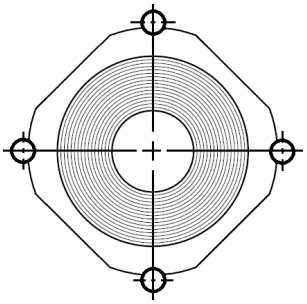
DN 15 – 50



DN 65 – 80

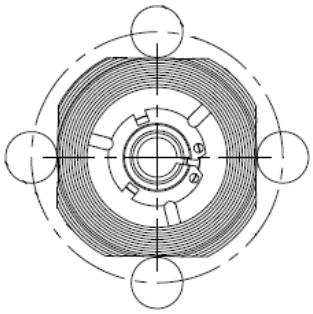


DN 100

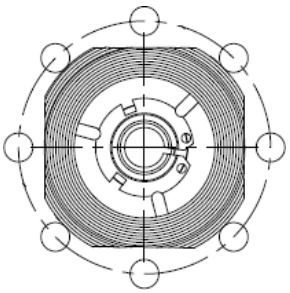


BETWEEN PN25/40 FLANGES

DN 15 – 50

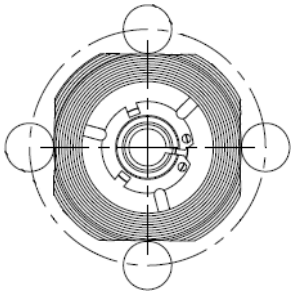


DN 65 – 100

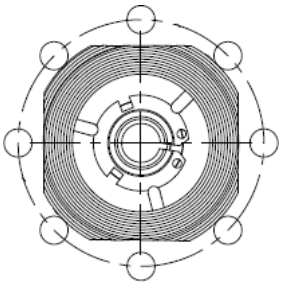


BETWEEN Class 150 PN20 FLANGES:

DN 15 – 80



DN 100



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