

STAINLESS STEEL 2 PIECES DISC CHECK VALVE FEMALE BSP METAL SEAT

2 pieces stainless steel disc check valve female BSP for chemical and pharmaceutical industries, petrochemical industries, hydraulic installation, compressed air and water.

Disc type with spring for all positions.

Stainless steel EN 1.4408 body and disc, metal seat.

Compatible with explosive atmosphere, ATEX Zone 1&21 and Zone 2&22.



Certificate

3.1



PED 2014/68/UE



Size : DN1/4" to DN4"

Connection : Female BSP

Min Temperature : -20°C

Max Temperature : +180°C

Max Pressure : 63 Bars

Specifications : Disc with spring type

All positions

Metal seat

Materials : Stainless steel EN 1.4408

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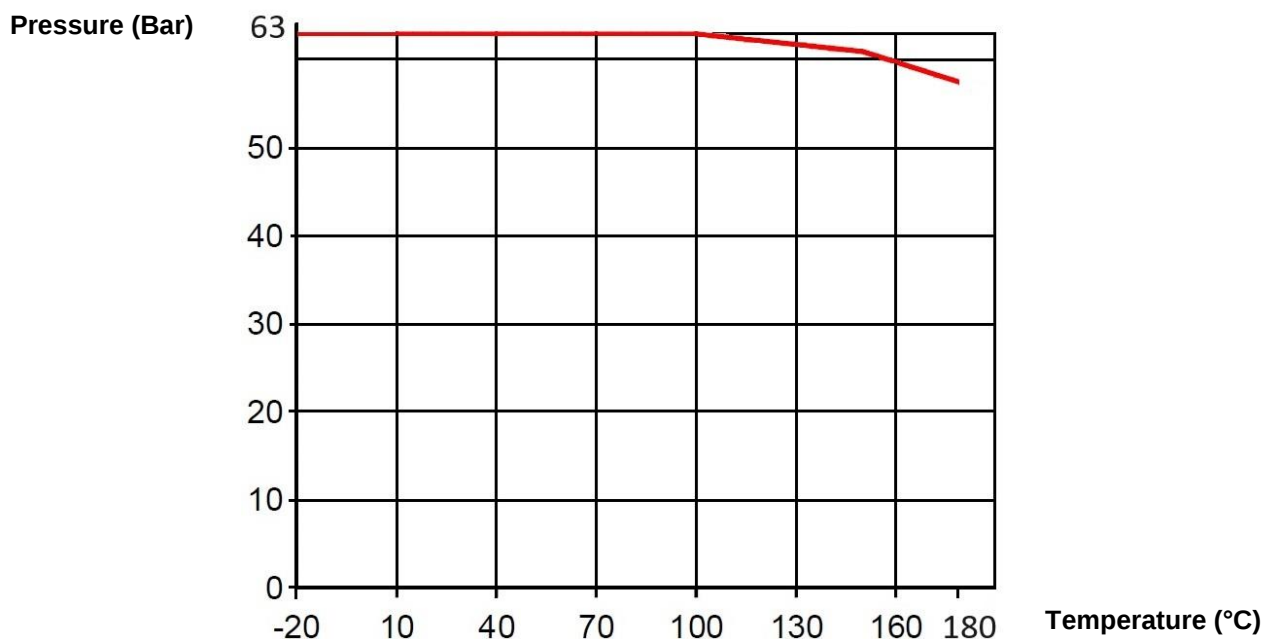
SPECIFICATIONS :

- 2 pieces disc with spring check valve
- All positions (respect the flow direction indicated by the arrow)
- Short length
- Metal seat

USE :

- Chemical and pharmaceutical industries, petrochemical industries, hydraulic installation, compressed air, water
- Steam : 10 bars max at 180°C
- Min Temperature Ts : - 20°C
- Max Temperature Ts : + 180°C
- Max Pressure Ps : 63 bars (see graph under)

PRESSURE / TEMPERATURE GRAPH :



FLOW COEFFICIENT Kvs (M3 / h) :

DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Kvs (m3/h)	0.18	1.11	3.3	7.1	12.7	14.1	22.5	31.5	54	75	110

OPENING PRESSURE (in mbar) :

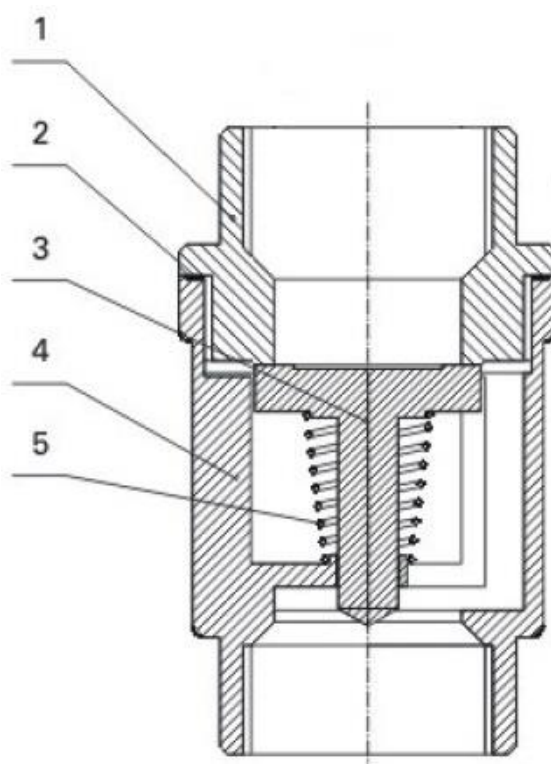
DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Opening pressure (mbar)	80/90	60/70	55/65	50/60	45/50	35/40	25/30			20/25	

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RANGE :

- Female / female threaded BSP cylindrical 2 pieces disc check valve metal seat **Ref. 3291** from DN1/4" to DN4"

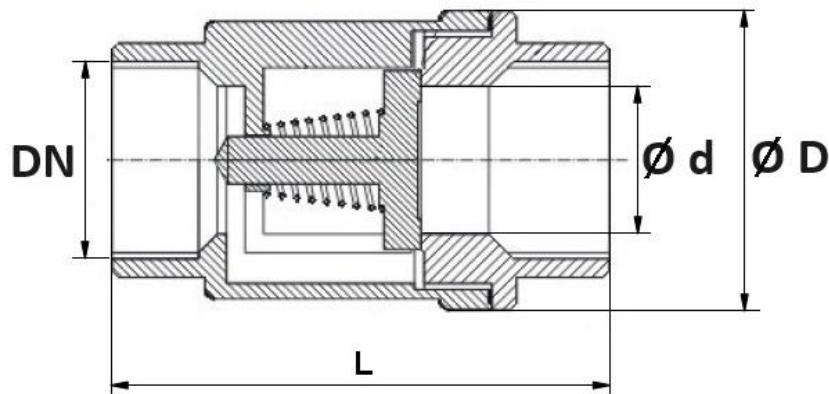
MATERIALS :



Item	Designation	Materials
1	Bonnet	EN 1.4408
2	Gasket	PTFE
3	Disc	EN 1.4408
4	Body	
5	Spring	AISI 316

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SIZE (in mm) :



DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø d	8	10	15	20	25	30	38	47	61	75	94
Ø D	30.5		37	42	48	58	70	82	102.5	120	150
L	53		56	63	74	81	91	97	118	138	158
Weig. (Kg)	0.17	0.15	0.21	0.29	0.4	0.65	0.98	1.4	2.63	4.08	7.05
Ref.	329102	329103	329104	329105	329106	329107	329108	329109	329110	329111	329112

STANDARDS :

- Manufacturer certified ISO 9001 : 2015 and ISO 14001 : 2015
- DIRECTIVE 2014/68/EU : For liquids and gas of Group 1
 - DN1/4"-1" : Article 4, §3 (SEP), no CE marking
 - DN1"1/4-4" : Risk Category II, CE0036 marking
- Certificate 3.1 on request
- Pressure tests according to API 598, table 6
- BSP threaded cylindrical ends according to ISO 7/1 Rp
- ATEX Group II Category 2 G/2D Zone 1 & 21 Zone 2 & 22 (optional marking)

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.

Sferaco 90 rue du Ruisseau 38297 St Quentin Fallavier Tel: + 33 (0) 474.94.15.90 Fax: + 33 (0) 474.95.62.08 Internet: www.sferaco.com E-mail : info@sferaco.fr

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