

THREADED ANTIPOLLUTION CHECK VALVE

TECHNICAL PASSPORT

AXIAL ANTIPOLLUTION NON RETURN CHECK VALVE - BRASS BODY

CA 1102

APPLICATION

Protection of installations against reverse flow.

Area of use: Chemical industry, pétro-chemical, high pressure, thermal fluid, hydraulic networks, heating, etc.



Fluids: hot or cold water, drinking water, compressed air, oil, etc.



GENERAL CHARACTERISTICS

Range: from DN3/8" to DN2".

- Non-return multi position brass check valve.
- Double axial and lateral guidance
- Perfect centering of the disc on the seat.
- Excellent low and high pressure tightness thanks to the FKM gasket.
- Low head losses
- Stainless steel return spring ensuring mounting in all positions.
- With upstream and downstream drain (1/4" BSP)

STANDARDS

Connection	Threaded female BSP cylindrical ends according to ISO 228-1
Tests	Pressure test according to standards NF EN 12266-1, DIN3230 and ISO 5208.

PRODUCT APPROVALS

CE **EAC** **ACS** Health compliance certificate ACS n° 18 ACC NY 222

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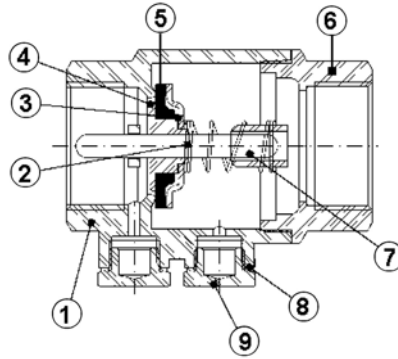


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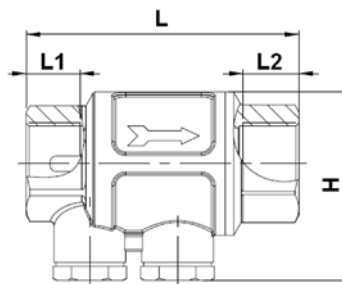
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CONSTRUCTION



Pos.	Description	Material
1	Body	Brass CW 617 N according to EN 12165
2	Spring	Stainless steel 302
3	Disc	Stainless steel 304
4	Ring	Brass CW 614N according to EN 12164
5	Gasket	FKM
6	Bonnet	Brass CW 617N according to EN 12165
7	Stem	Brass CW 614N according to EN 12164
8	Washer	Aluminium UNI 5076
9	Drain	Brass CW 614N according to EN 12164

DIMENSIONS



DN	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
L	63	68.5	69.5	79	84	93.5	108
L1	10	13.5	14	15	16	16	20
L2	10	14	14	15	15.5	17	19
H	48.5	48.5	56	62	74	84.5	100.5
Weight (kg)	0.243	0.258	0.359	0.486	0.696	0.939	1.387

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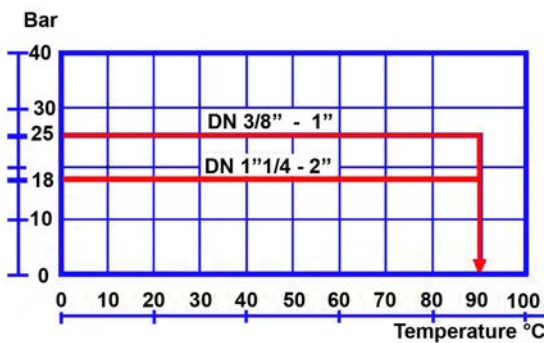
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WORKING CONDITIONS

Maximum working pressure : 25 bar
(14 bar maximum for steam)

Maximum working temperature : -10°C /+ 100°C for water
(150°C for compressed air and hydrocarbons)

PRESSURE / TEMPERATURE CHART (Steam excluded)

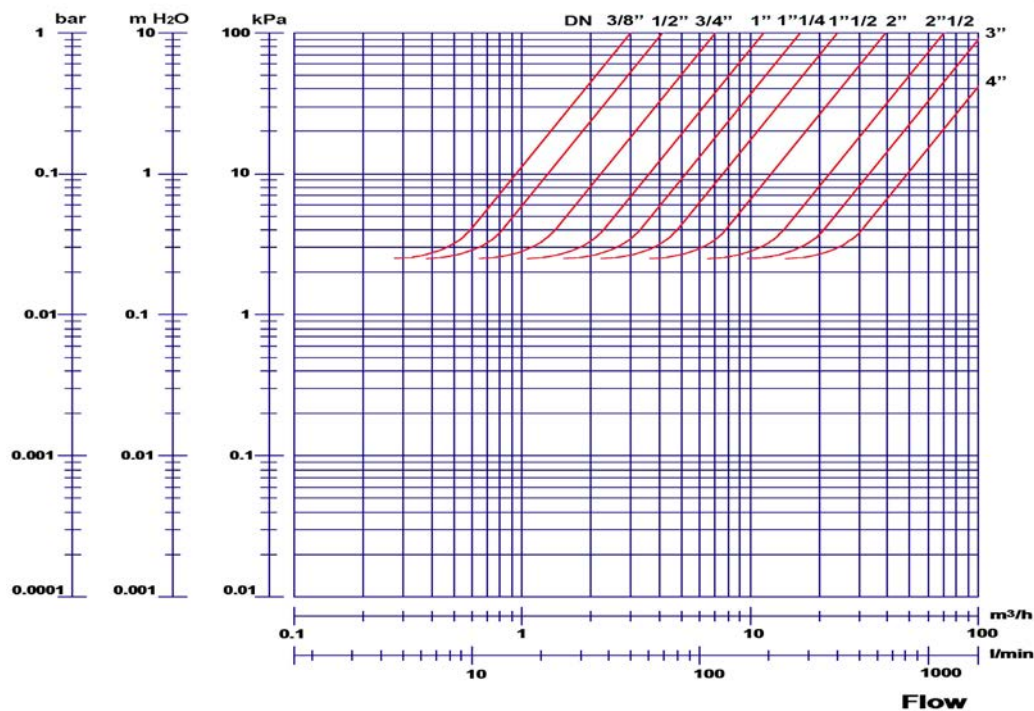


Cracking pressure between 50 and 200 mbar

FLOW FACTOR Kv (m³/h)

DN	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Kvs (m ³ /h)	2.99	4.12	7.03	11.45	16.54	24.12	39.32

HEAD LOSS DIAGRAMM



The photographs and technical art works are not contractual. The specifications of the presented products are open to modifications without previous advice

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