

# THREADED AXIAL CHECK VALVE

TECHNICAL PASSPORT

## THREADED AXIAL CHECK VALVE BRASS BODY

CA 1103

### APPLICATION

Protection of installations against reverse flow.

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



**Fluids:** water, gaz, compressed air, steam, chemicals.



### GENERAL CHARACTERISTICS

**Range:** from DN1/2" to DN2".

- Non return check valve with double axial and lateral guide
- Perfect centering of the disc on the seat.
- Mounting direction is indicated by an arrow on the body.
- Easy opening under low pressure.
- Excellent mechanical resistance.
- Closure guaranteed by stainless steel return spring.
- Sealing on high pressure and low pressure assured by a flat NBR gasket.
- Low head losses.
- Installation possible in any position
- Female / female BSP connection.

### STANDARDS

Connection	Threaded female BSP cylindrical ends according to ISO 228-1
Tests	Pressure test according to standards EN12266-1, DIN 3230, BS 5154 and ISO 5208:

### PRODUCT APPROVALS

**ERC**

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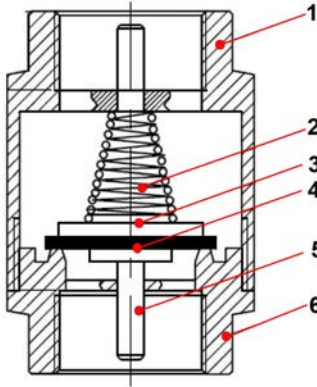


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### TECHNICAL PASSPORT

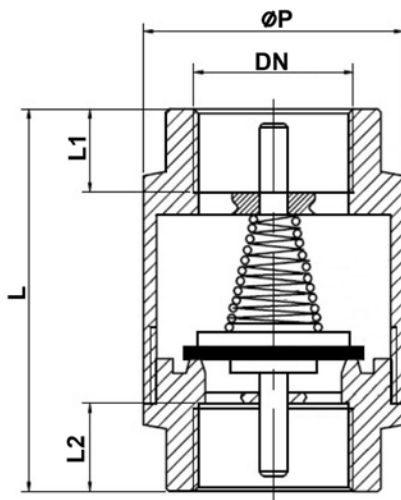
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#### CONSTRUCTION



Pos.	Description	Material
1	Body	Brass CW617N
2	Spring	Stainless steel
3	Support	ABS
4	Gasket	NBR
5	Stem	ABS
6	Bonnet	Brass CW617N

#### DIMENSIONS



DN		L	L1	L2	Ø P	Weight (kg)
mm	inch					
15	1/2"	45	10	10	33.5	0.12
20	3/4"	46.5	10.5	10.5	40.5	0.18
25	1"	52	11	11	47	0.24
32	1"1/4	60	14.5	14	59	0.33
40	1"1/2	68	16	16	68.2	0.5
50	2"	65	16.5	15.5	80.7	0.7

#### WORKING CONDITIONS

Maximum working pressure : 16 bar  
 Maximum working temperature : -20°C /+ 100°C

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ISO 9001  
 ISO 14001  
 BUREAU VERITAS  
 Certification

