

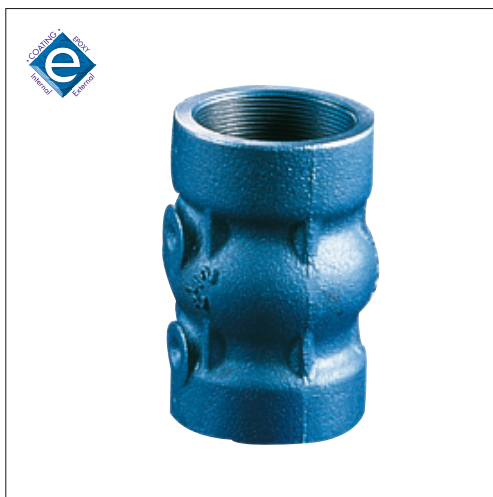
## Technical data sheet

### Type 202

#### Non return valve

#### System 02

#### Applications and special features



- Operates in any position
- Minimum head loss
- Silent, reliable sealing, compact
- Exceptional robustness
- Does not generate hammering
- Closing system : long back axial guiding for reduced displacement
- Sealing guaranteed by a flat seal
- Return spring

#### Technical description

DN	PFA	PS in bar				Cat.	References	Vvs-nr
		in bar	L1	L2	G1	G2		
2 1/2	65	16	16	16	15	16	I	149B2286
3	80	16	16	16	12	16	I	149B2287
4	100	16	16	16	10	16	I	149B2288

#### Important notice :

The indicated pressure for the different categories of fluids (L1/L2/ G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

- **Connection** : Female/Female (BSP).
- **Permissible operating pressure PFA - water-** (for supply, distribution and disposal of water) : See table
- **Maximum permissible pressure PS - other mediums:** See table
- **θ :** Mini. -10 °C  
Maxi. 100 °C

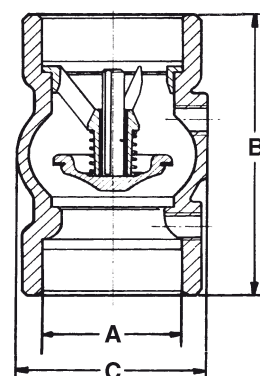
- **Mediums :** Clear liquids, gas
- **Approvals :** ACS - PED 97/23/CE



- **International construction Standards :**  
CE Conformity Directive 97/23/CE  
Thread connection NF EN ISO 228-1

#### Overall dimensions

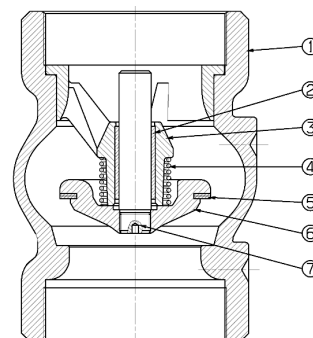
"	A		B	C	Weight
	mm	mm	mm	mm	kg
2 1/2	65	148	97		3,2
3	80	174	125		5,8
4	100	203	150		9,2



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### Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Cast iron/Epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
2	RING DN 3»-4»	Bronze	EN 1982 CuSn12-C GS	
3	GUIDE DN 2»1/2	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
4	SPRING	Stainless steel	EN 10270-3 X10CrNi18-8	AISI 302
5	SEAL	EPDM		
6	CLOSING SYSTEM DN 4"	Cast iron/Epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
7	STEM DN 4»	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	

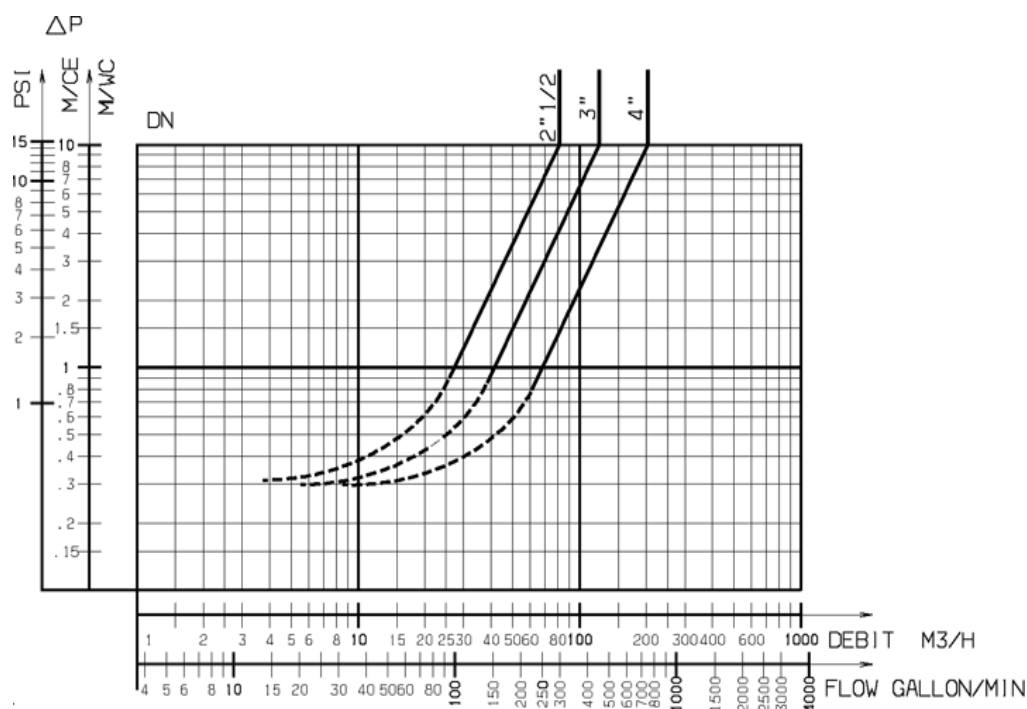


### Working principle

DN		Opening pressure in mm/CE				Kv	$\zeta$
"	mm	↑	↓	↔	Without spring	m <sup>3</sup> /H	
2 1/2	65	440	220	330	110	81,00	4,20
3	80	450	190	320	130	123,00	4,20
4	100	450	190	320	130	203,00	3,80

#### Direction for use :

- Solid line : Valve completely open
- Dotted line : Opening stage of the valve



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