

Technical data sheet

Type 202TTP

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
- Internal/external PTFE coating (anti-incrusting) on casing + guide + closing system.
- 2 drilled bosses 1/4" with plugs

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	149B 2850
3	80	16	16	16	12	16	I	149B 2851
4	100	16	16	16	10	16	I	149B 2852

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

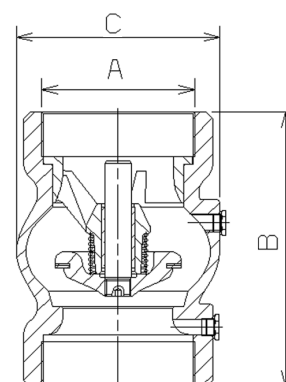
- **θ** Mini. -10 °C
Maxi. 100 °C
- **Mediums** : Clear liquids, gas
- **Approvals** :



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

Overall dimensions

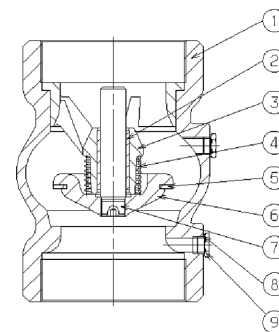
A		B	C	Weight
"	mm	mm	mm	kg
2 1/2	65	148	97	3,2
3	80	174	125	5,8
4	100	203	150	9,2



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Spare parts list and materials

N°	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	GUIDE DN 3»-4»	Cast iron + epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
5	SPRING	Stainless steel	EN 10270-3 X10CrNi18-8	AISI 302
6	SEAL	EPDM		
6	CLOSING SYSTEM DN 4"	Cast iron + epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
	Other DN : one-piece	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
7	STEM DN 4»	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
8	SEAL	Fiber		
9	PLUG	Brass	EN 12164 CuZn36Pb2 As R350	

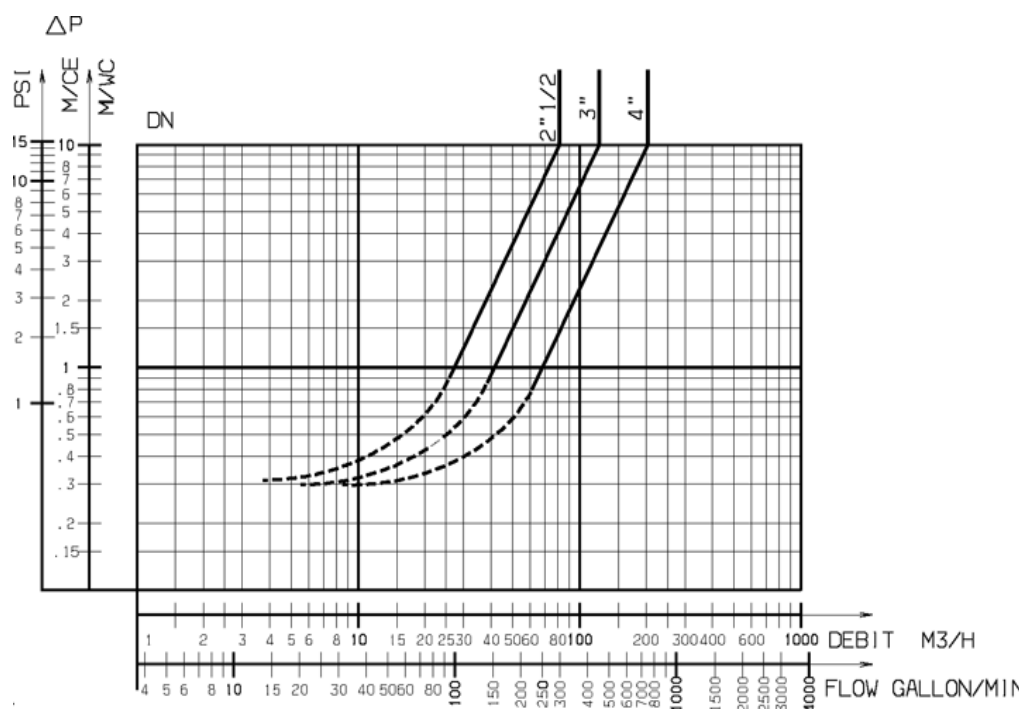


Working principle

DN		Opening pressure in mm/CE				Kv	ζ
"	mm	↑	↓	↔	Without spring	m³/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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