

## Technical data sheet

### Type 102P

Foot valve

System 02

#### Applications and special features



- Operates in any position from horizontal to vertical ascending
- 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 in bar	PS in bar				Cat.	References	Vvs-nr
		L1	L2	G1	G2			
2 <sup>1/4</sup>	60	16	16	16	x	3.3	149B 2758	
2 <sup>1/2</sup>	65	16	16	16	x	3.3	149B 2759	
3	80	16	16	16	x	3.3	149B 2760	
4	100	16	16	16	x	3.3	149B 2761	

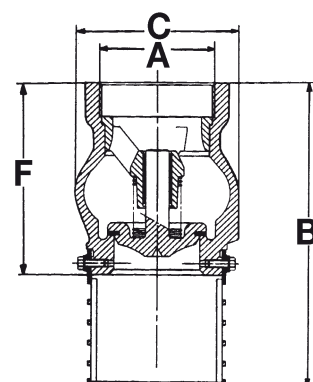
##### Important notice :

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, (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. 80 °C
- **Mediums** : Clear liquids
- **Approvals** : ACS -
- **International construction Standards** :  
Directive 97/23/CE  
Thread connection NF EN ISO 228-1

#### Overall dimensions

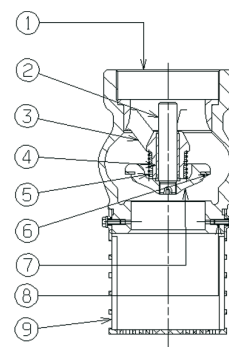
	A	B	C	F	Weight
"	mm	mm	mm	mm	kg
2 <sup>1/4</sup>	60/70	195	97	123	3
2 <sup>1/2</sup>	66/76	195	97	124	3
3	80/90	241	125	152	5
4	102/114	290	150	180	8



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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	STEM 4"	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
3	GUIDE 2 1/4" - 2 1/2"	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
4	Other DN	Cast iron + epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
4	RING	Bronze	EN 1982 CuSn12-C GS	
5	SPRING	Stainless steel	EN 10270-3 X10CrNi18-8	AISI 302
6	SEAL	EPDM		
7	CLOSING SYSTEM 4"	Cast iron + epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
7	Other DN : one-piece	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
8	SCREW	Galvanised steel		
9	STRAINER	PP (polypropylen)		

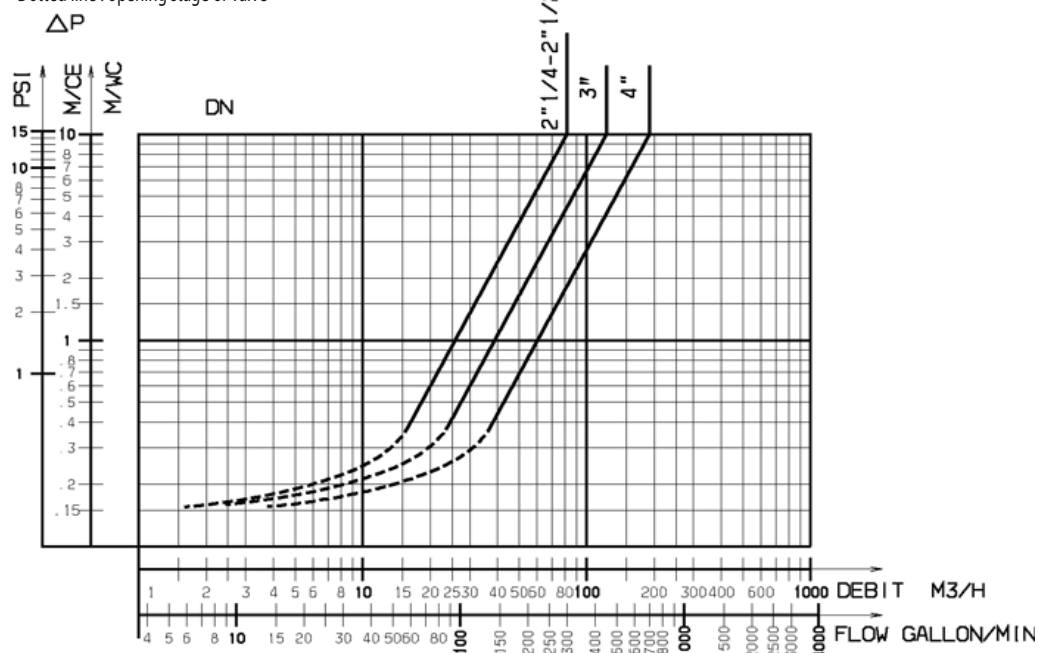


### Working principle

DN		Opening pressure in mm/CE		Kv	ζ
"	mm	↑	Without spring	m³/H	
2 1/4	60	230	110	82,00	3,00
2 1/2	65	230	110	82,00	4,20
3	80	240	130	120,00	4,40
4	100	280	130	188,00	4,40

#### Directions for use :

- Solid line : Valve completely open
- Dotted line : opening stage of valve



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