

Technical data sheet

Type 102

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

Important notice :

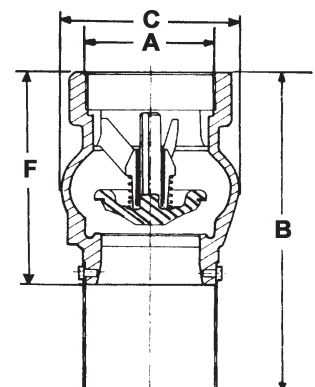
The indicated pressure for the different categories of fluids (L1/ L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

DN	PFA in bar	PS en bar				Cat.	References	Vvs-nr
		L1	L2	G1	G2			
2 ¼	60	16	16	16	x x	3.3	149B 2766	
2 ½	65	16	16	16	x x	3.3	149B 2767	
3	80	16	16	16	x x	3.3	149B 2768	
4	100	16	16	16	x x	3.3	149B 2769	
5	125	16	16	16	x x	3.3	149B 1162	
6	150	16	13	16	x x	3.3	149B 1163	
7	175	16	10	16	x x	3.3	149B 1164	
8	200	16	10	16	x x	3.3	149B 1165	

- 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. 100 °C
- Mediums : Clear liquids
- Approvals : ACS -
- International construction Standards :
Directive 97/23/CE
Thread connection NFE 03-005 ISO228

Overall dimensions

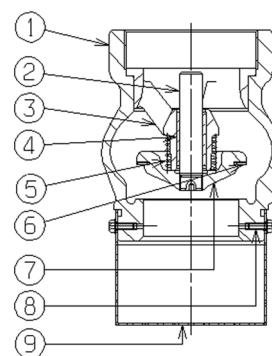
	A	B	C	F	Weight
"	mm	mm	mm	mm	kg
2 ¼	60	167	97	123	3,1
2 ½	65	167	97	124	3,1
3	80	212	125	152	5,2
4	100	251	150	180	8,3
5	125	345	188	230	14,7
6	150	430	223	275	22
7	175	508	266	333	44
8	200	508	266	333	43,5



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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" to 8"	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
3	GUIDE 2 ¼ - 2 ½	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
	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" à 8" 2 ¼ à 3" : one-piece	Cast iron/Epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
8	SCREW	Galvanised steel		
9	STRAINER	Galvanised steel		

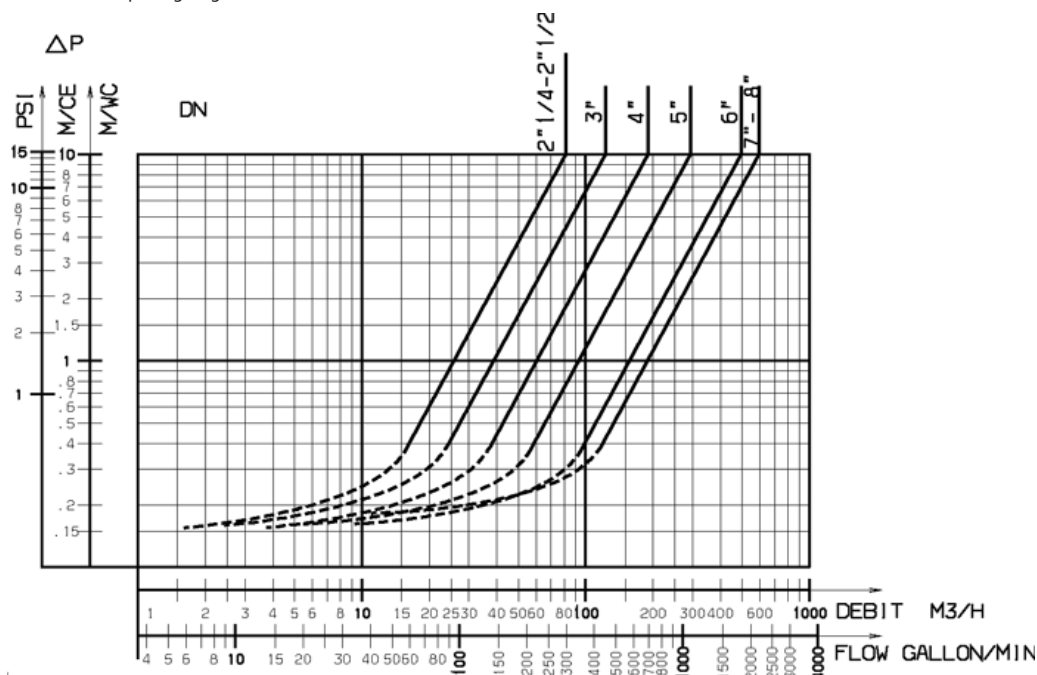


Working principle

DN		Opening pressure in mm/CE		Kv	ζ
"	mm	↑	Without spring	m³/H	
2 ¼	60	230	110	82,00	3,00
2 ½	65	230	110	82,00	4,20
3	80	240	130	120,00	4,40
4	100	280	130	188,00	4,40
5	125	290	130	291,00	4,50
6	150	350	150	490,00	3,30
7	175	400	170	594,00	4,10
8	200	450	190	594,00	7,10

Directions for use :

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



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