

Technical data sheet

Type 60S

Foot valve
System FL

Applications and special features



- Operates in any position
- Reliable, robust, simple
- Minimum head loss
- Closing system : four legs reinforced guide, release spring anti-rotation
- Perfect sealing at high as well as at low pressure ensured by a flat seal.
- Long axial guiding

Technical description

DN	PFA in bar	PS in bar				Cat.	References	Vvs-nr	
		L1	L2	G1	G2				
3/4	20	16	16	16	x	x	3.3	149B 4101B	
1	25	16	16	16	x	x	3.3	149B 4102B	
1 ^{1/4}	32	16	16	16	x	x	3.3	149B 4103B	
1 ^{1/2}	40	16	16	16	x	x	3.3	149B 4104B	
2	50	16	16	16	x	x	3.3	149B 4105B	
2 ^{1/2}	65	16	16	16	x	x	3.3	149B 4106B	
3	80	16	16	16	x	x	3.3	149B 4107B	
4	100	16	16	16	x	x	3.3	149B 4108B	

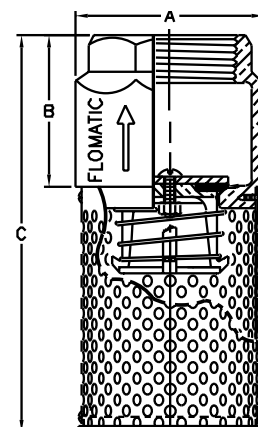
Important notice :

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 or NPT)
- **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, hydrocarbons
- **International construction Standards** :
 Directive 97/23/CE
 Thread connection NFE 03-005 ISO228

Overall dimensions

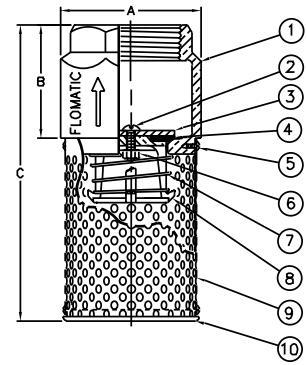
	A	B	C	Weight
"	mm	mm	mm	kg
3/4	20/27	90	33	0,14
1	26/34	125	49	0,36
1 ^{1/4}	33/42	127	57	0,46
1 ^{1/2}	40/49	138	64	0,73
2	50/60	146	77	0,95
2 ^{1/2}	66/76	198	92	2,73
3	80/90	243	116	4,68
4	102/114	315	156	8,64




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Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Unleaded bronze		C 89833
2	SCREW	Stainless steel	X5CrNi18-10	AISI 304
3	FLAT WASHER	Stainless steel	X5CrNi18-10	AISI 304
4	SEAL	NBR		
5	SCREWS (x6)	Stainless steel	X5CrNi18-10	AISI 304
6	NUT	Stainless steel	X5CrNi18-10	AISI 304
7	SPRING	Stainless steel	X10CrNi18-8	AISI 302
8	GUIDE	Delrin		
9	STRAINER	Stainless steel	X5CrNi18-10	AISI 304
10	CAP	Delrin		

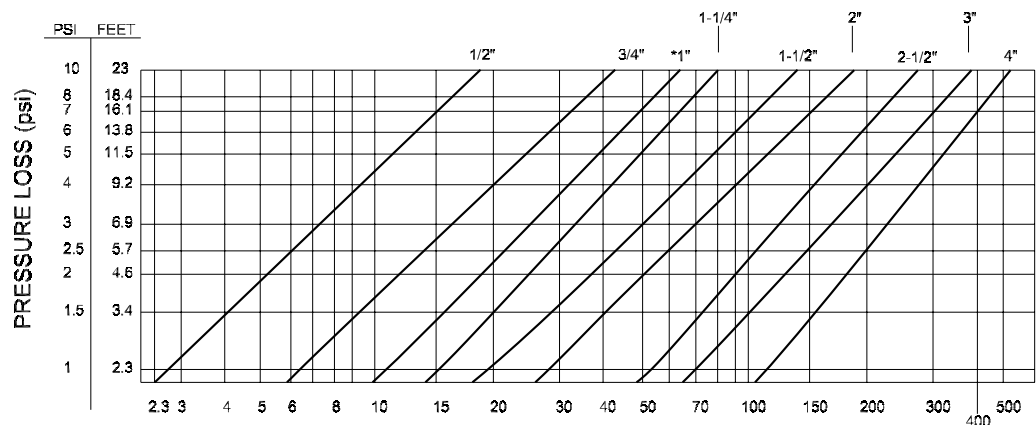


Working principle

DN		Opening pressure in mm/WC
"	mm	
3/4	20	 Between 100 and 250
1	25	
1 ^{1/4}	32	
1 ^{1/2}	40	
2	50	
2 ^{1/2}	65	
3	80	
4	100	

Directions for use :

- Solid line : Valve completely open



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