

Technical data sheet

Type 190P

Foot valve
System TJO

Applications and special features



- Operates in any position from horizontal to vertical ascending.
- Minimum head loss
- Closing system : tripod formation with hydraulic profile release spring.
- Sealing ensured by a pliable O-ring on a rigid seat
- Long axial guiding.

Technical description

DN	PFA bar	PS in bar				Cat.	References	Vvs-nr
		L1	L2	G1	G2			
3/8	12	10	10	x	x	3.3	149B 2017	
1/2	15	10	10	x	x	3.3	149B 14065	
3/4	20	10	10	x	x	3.3	149B 1128	

Important notice :

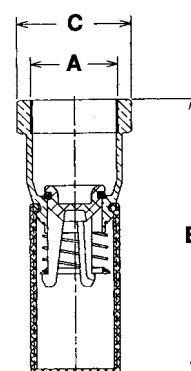
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

- **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. 60 °C
- **Mediums** : Clear liquids
- **Approvals** :
- **International construction Standards** :
Directive 97/23/CE
Thread connection NFE 03-005 ISO228

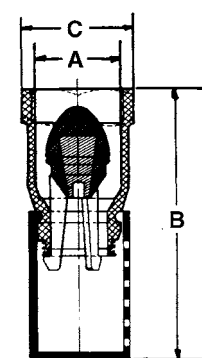
Overall dimensions

A		B	C	Weight
"	mm	mm	mm	kg
3/8	12/17	56	23	0,015
1/2	15/21	56	27	0,020
*3/4	20/27	75	31	0,044

* Drawing 1



• Drawing 1

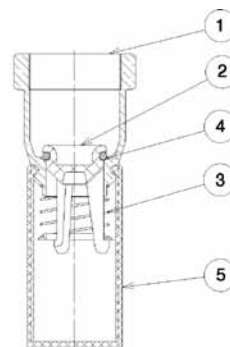


• Drawing 2

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Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	PP (polypropylene)		
2	CLOSING SYSTEM	PP (polypropylene)		
3	SPRING	Stainless steel	X10CrNi18-8	AISI 302
4	SEAL	FKM		
5	STRAINER	PP (polypropylene)		

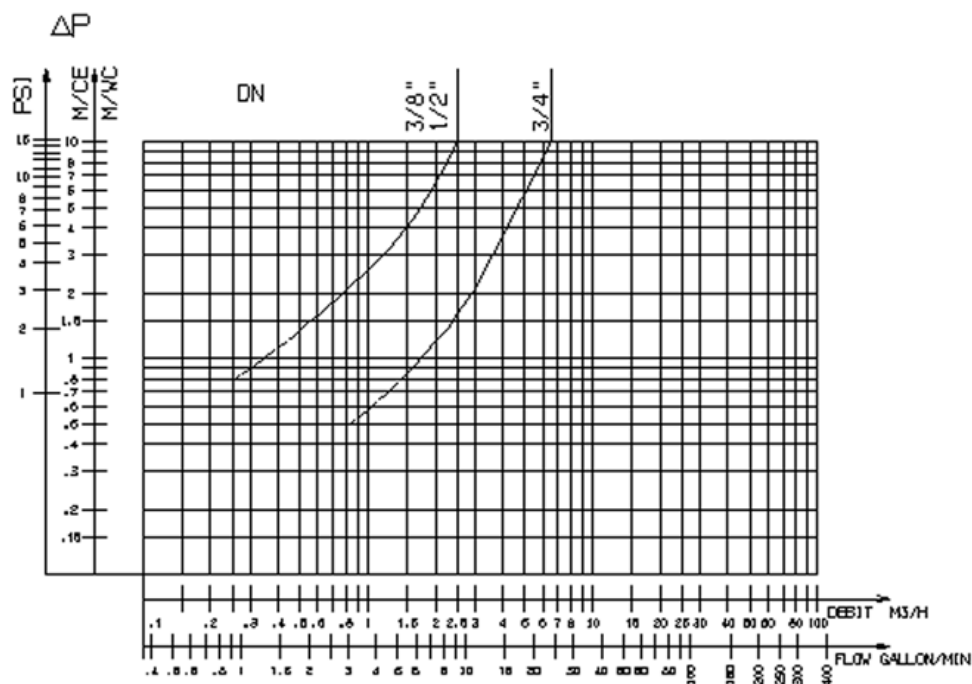


Working principle

DN	Opening pressure in mm/CE	Kv	ζ
"	mm	m³/H	
3/8	12	2,80	2,00
1/2	15	2,80	10,80
3/4	20	7,40	4,60

Directions for use :

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



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