

Technical data sheet

Type 601P

01 System

Applications and special features



- Operates in any position
- Minimum head loss
- Silent, robust
- Does not generate hammering
- Double axial guiding with release spring
- Excellent sealing at high as well as low pressure ensured by a specially designed lip-ring seal.

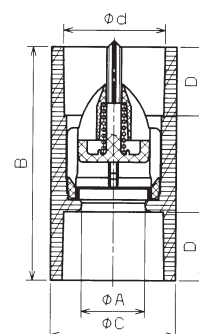
Technical description

DN	PFA (bar)	PS (bar)				Cat.	References	Vvs-nr
		L1	L2	G1	G2			
1/2	10	10	10	10	10	3.3	149B 2044	
1	10	10	10	10	10	3.3	149B 2045	
1 1/4	10	10	10	X	10	3.3	149B 2046	

- **Connections** : female/female to be stuck
- **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

Overall dimensions

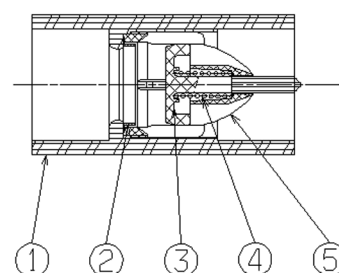
DN	d	B	C	D	Weight
A"	mm	mm	mm	mm	kg
1/2	20	57	25	16	0,050
1	32	75	40	22	0,075
1 1/4	40	94	50	26	0,095




Technical data sheet Type 601P - Non-return valve 01 system

Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	PVC		
2	LIP-RING SEAL	NBR (Nitrile)		
3	CLOSING SYSTEM	POM (polyacetal)		
4	SPRING	Stainless steel	X10CrNi18-8	AISI 302
5	GUIDE	PPO		

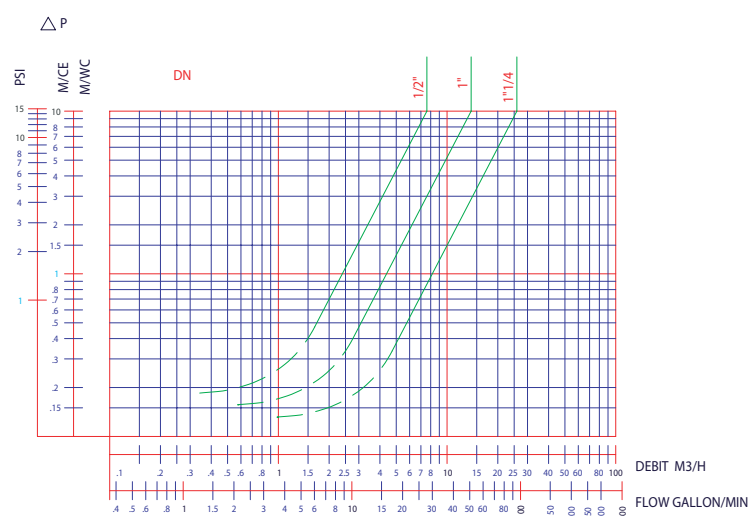


Working principle

DN	Opening pressure (in mm WC)	Kv	ζ
mm		m³/H	
1/2	between 50 and 200	7,6	1,4
1		13,9	3,3
1 ¼		25,9	2,5

Direction for use :

- Solid line : Valve completely open
- Dotted line : Opening stage of the valve



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