

## Technical data sheet

### Type 281P

Non-return valve

System 01

#### Applications and special features



- Operates in any position
- Minimum head loss
- Silent and robust
- Does not generate hammering
- Closing system : double axial guiding with return spring
- Excellent sealing at high as well as at low pressure ensured by a specially designed lip ring-seal.

#### Technical description

DN		PFA	PS (bar)				Cat.	References	Vvs-nr
M "	F "	(bar)	L1	L2	G1	G2			
1" 1/4	1" 1/4	10	10	10	10	10	3.3	149B 2292	


#### 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 : Male/Female, BSP thread
- Permissible operating pressure PFA - water : (for supply, distribution and disposal of water) : See table
- Maximum permissible pressure PS - other mediums : See table

- $\theta$  : Mini. -10 °C  
Maxi. 65 °C

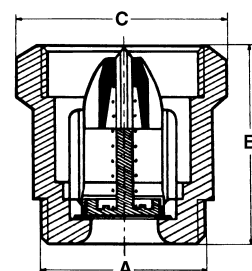
- Mediums : Non corrosive clear liquids

- Approvals : 

- International construction Standards :  
NF Antipollution according to NF EN 13959  
Thread connection according to NF EN ISO 228-1

#### Overall dimensions

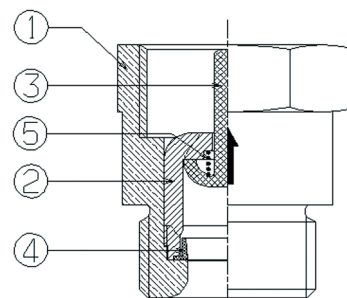
Connection A		B	C	Weight
M "	F "	mm	mm	kg
1" 1/4	1" 1/4	46	49	0,048




## Technical data sheet **Type 281P - Non-return valve**

### Spare parts list and materials

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

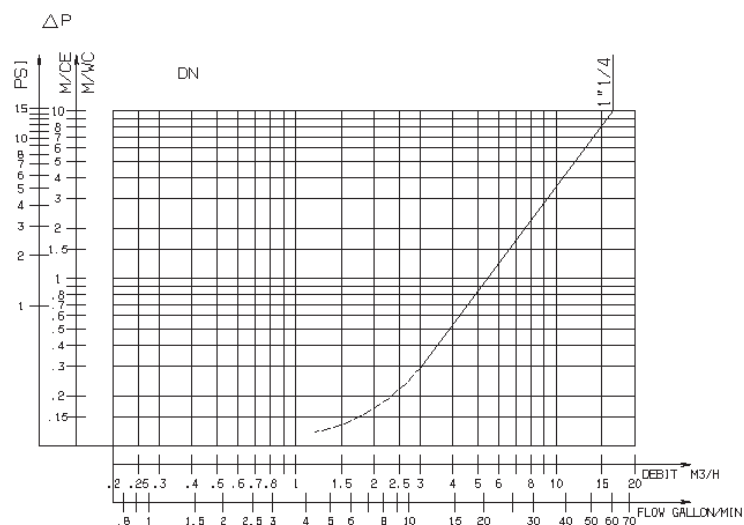


### Working principle

DN	Opening pressure (en mm CE)	Kv	ζ
"		m³/H	
1" 1/4	between 50 and 200	16,7	5,9

#### Direction for use :

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



Socla can accept no responsibility for possible errors in catalogue, brochures and other printed material. Socla reserve the right to alter its products without notice. This also applies to products already agreed. All trademarks in this material are the property of the respective companies. All right reserved.

### Socla

365 rue du lieutenant Putier  
71530 VIREY LE GRAND  
Adresse postale : CS 10273  
71107 CHALON-SUR-SAÔNE Cedex

Tel : 33 3 85 97 42 42  
Fax : 33 3 85 97 97 42  
<http://www.socla.com>  
e-mail : [contact@socla.com](mailto:contact@socla.com)