

Technical data sheet

Type 302PV

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 FKM flat seal
- Return spring

Technical description

DN	"	PN	PFA in bar	PS in bar				Cat.	References	Vvs-nr
				L1	L2	G1	G2			
2	50	10/16	16	16	16	x	x	3.3	149B 2750	
2 ^{1/2}	65	10/16	16	16	16	x	x	3.3	149B 2751	
3	80	10/16	16	16	16	x	x	3.3	149B 2752	
4	100	10/16	16	16	16	x	x	3.3	149B 2753	

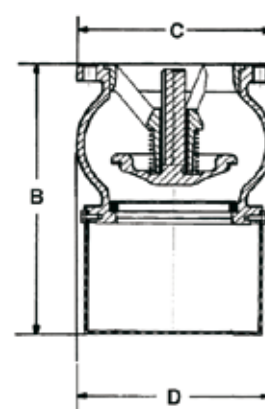
Important notice :

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** : flanges drilled PN : see table
- **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
- **Approvals** : 
- **International construction Standards :**
CE Conformity Directive 97/23/CE
Flange drilling according to EN1092-2

Overall dimensions

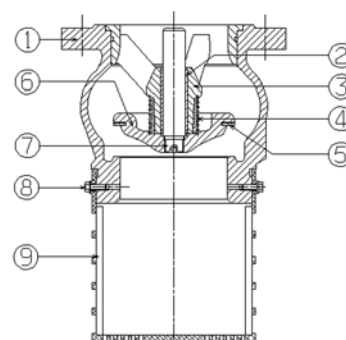
DN		B	C	D	Weight
"	mm	mm	mm	mm	kg
2	50	171	165	97	4,2
2 ^{1/2}	65	212	185	125	6,2
3	80	257	200	150	9
4	100	313	220	181	13,2



Technical data sheet Type 302PV - Foot valve

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	RING	Bronze	EN 1982 CuSn12-C GS	
3	GUIDE DN50	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
	DN65 to 100	Cast iron + epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
4	SPRING	Stainless steel	EN 10270-3 X10CrNi18-8	AISI 302
5	SEAL	FKM		
6	CLOSING SYSTEM DN80-100	Cast iron + epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
	DN50-65 : one-piece	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
	STEM DN80-100	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
8	SCREW	Galvanised steel		
9	STRAINER	PP (Polypropylen)		



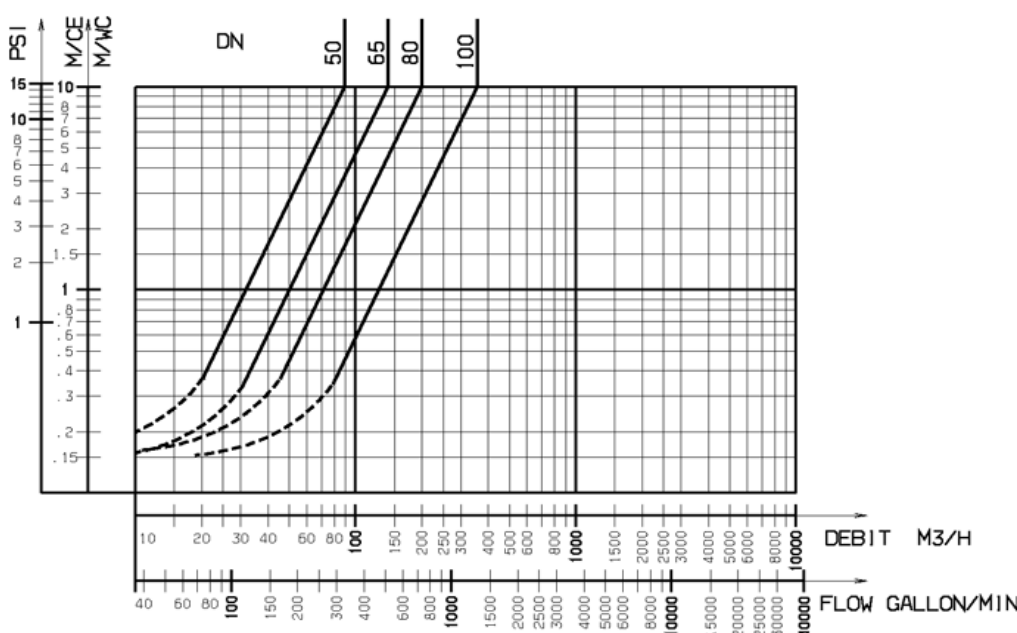
Working principle

DN		Opening pressure in mm/CE		Kv	ζ
"	mm	↑	Without spring	m³/H	
2	50	230	110	89,00	1,23
2 1/2	65	240	130	143,00	1,36
3	80	280	130	199,00	1,60
4	100	290	130	356,00	1,20

Directions for use :

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

ΔP



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 SAS

365 rue du lieutenant Putier
71530 VIREY LE GRAND
Postal address : BP 10273
71107 CHALON SUR SAONE Cedex

Tel : 33 3 85 97 42 52
Fax : 33 3 85 97 97 42
<http://www.socla.com>
e-mail: commerfr@socla.com