

# 302P

Non-return foot valve  
02 System

## Technical Data Sheet



## Description

Valve with very wide range of applications. It prevents water hammering, it's noiseless and the quality-price ratio is optimal.

- Operates in any position from horizontal to vertical ascending
- Minimum head loss
- Compactness
- Exceptional robustness
- Closing system : long back axial guiding and reduced displacement
- Sealing guaranteed by a flat seal
- Return spring



### 302P

Non-return foot valve - 02 System

DN	PN	PFA in bar	PS in bar				Cat.	Ref.	Weight Kg
			L1	L2	G1	G2			
2	50	10/16	16	16	x	x	4.3	<b>149B2746</b>	4,3
2 1/2	65	10/16	16	16	x	x	4.3	<b>149B2747</b>	6,4
3	80	10/16	16	16	x	x	4.3	<b>149B2748</b>	9,3
4	100	10/16	16	16	x	x	4.3	<b>149B2749</b>	13,6

\*Others flange drilling PN, consult us

#### Important notice :

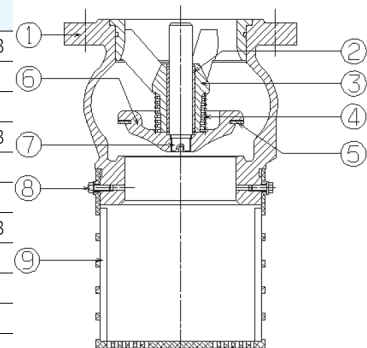
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions. The operating instructions are available on our web site [www.socla.com](http://www.socla.com) or by requesting from our sales department.

#### Technical features

Operating temperature	-10 °C to 80 °C
Permissible operating pressure (PFA) in water	See table above
Maximum permissible pressure (PS) other mediums	See table above
Connection	Flange drilled PN (see table)
Mediums	Clear liquids

#### Nomenclature and materials

N°	Description	Materials	EURO	ANSI
1	Body	Cast iron / Epoxy	EN 1561 EN-GJL-250	ASTM A 48 35 B
2	Ring	Except DN 50	Bronze	EN 1982 CuSn5Zn5Pb2-C GS
3	Guide	DN 50	Bronze	EN 1982 CuSn5Zn5Pb2-C GS
		DN 65 to 100	Cast iron / Epoxy	EN 1561 EN-GJL-250
4	Spring	Stainless steel	EN 10270-3 X10CrNi18-8	AISI 302
5	Seal	EPDM		
6	Closing system	DN 80-100	Cast iron /Epoxy	EN 1561 EN-GJL-250
		DN 50-65 : one-piece	Bronze	EN 1982 CuSn5Zn5Pb2-C GS
7	Stem	Bronze	EN 1982 CuSn5Zn5Pb2-C GS	
8*	Screw	White galvanized steel		
9	Strainer	PP (polypropylen)		



\*Option stainless steel screws, consult us

## Approvals



**International construction Standards :**  
Directive 2014/68/UE  
Flange drilling according to EN 1092-2

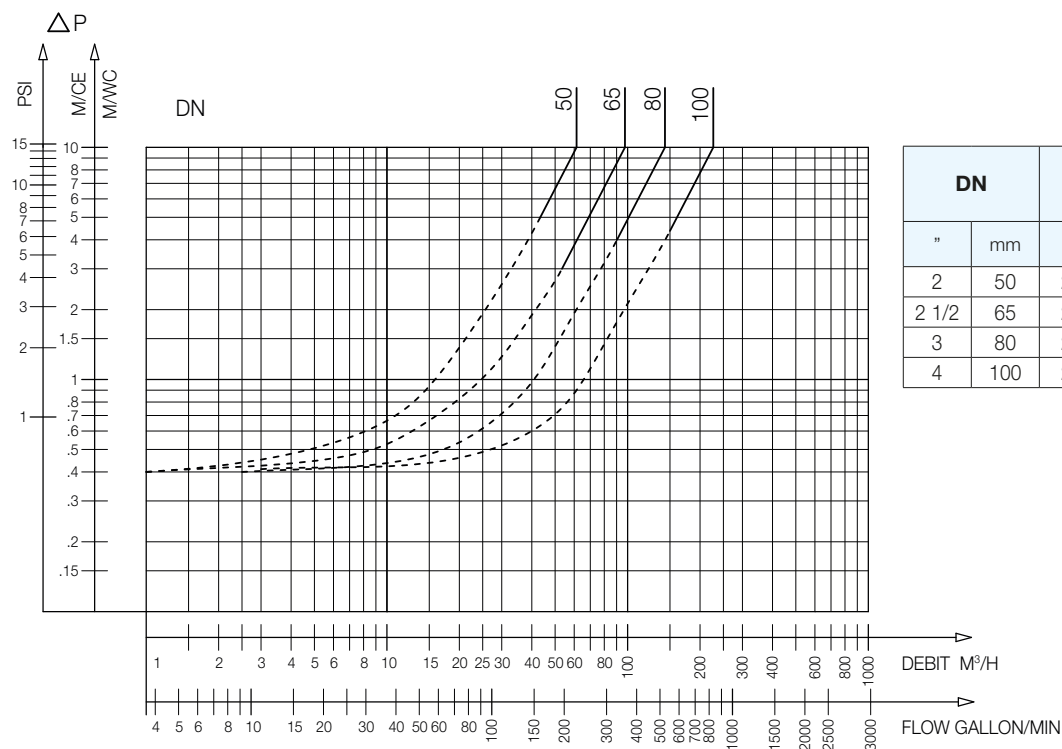
## Application

Clear water pumping.

## Operation

**Direction for use :**

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

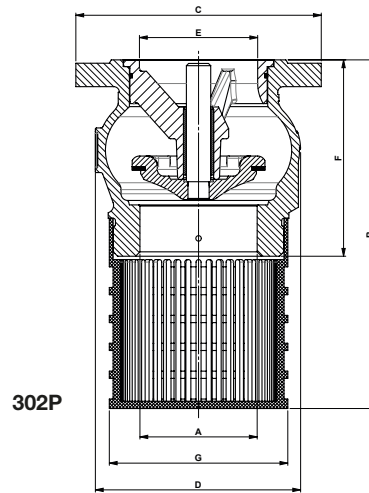


DN		Opening pressure in mm CE		Kv	ζ
"	mm	↑	Without spring	m³/H	
2	50	230	110	61,4	2,65
2 1/2	65	240	130	97,5	3
3	80	280	130	143	3,2
4	100	290	130	227	3,1

302P - Headloss chart

## Sizing

DN	A	B	C	D	E	F	G
"	mm						
2	50	52	171	165	99	54	100
2 1/2	65	66	212	185	127	68	125
3	80	82	257	200	153	82	147
4	100	105	313	220	184	106	176



The descriptions and photographs contained in this product specification sheet are supplied by way of information only and are not binding.

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