601

Non-return axial guided valve 01 System

Technical Data Sheet







Description

The non-return axial guided valve 601, has been developed to meet the requirements of NF anti-pollution standard.

- Operates in any position
- Minimum head loss
- Silent and robust
- Does not generate hammering

- Closing system : double axial guiding with return spring
- Compact 01 system in 3/4, 1" and 1" 1/4
- 01 system in the other sizes



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Non-return axial guided valve - 01 System

DN	PFA		PS in bar		Cat.	Ref.	Weight	
"	in bar	L1	L2	G1	G2	Out.	11011	Kg
3/8	10	10	10	10	10	4.3	149B2503	0,067
1/2	10	10	10	10	10	4.3	149B2504	0,093
3/4	10	10	10	10	10	4.3	149B2505	0,100
1	10	10	10	10	10	4.3	149B2506	0,168
1 1/4	10	10	10	X	10	4.3	149B2507	0,290
1 1/2	10	10	10	X	10	4.3	149B2508	0,356
2	10	10	10	Χ	10	4.3	149B2509	0,601

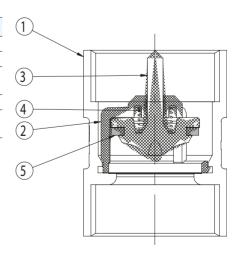
Important notice:

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 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	Female/female		
Mediums	Clear liquids		

Nomenclature and materials

N°	Description	Materials	EURO	ANSI
1	Body	Brass	CuZn39Pb2	
2	Guide	POM (polyacetal)		
3	Closing system	POM (polyacetal) or PPO (polyphenylene-oxide)		
4	Spring	Stainless steel	X10CrNi18-8	AISI 302
5	Lip-ring seal	EPDM NBR (Nitrile) DN 1"1/2 and 2"		





Approvals





International construction Standards:

NF Antipollution according to NF EN 13959

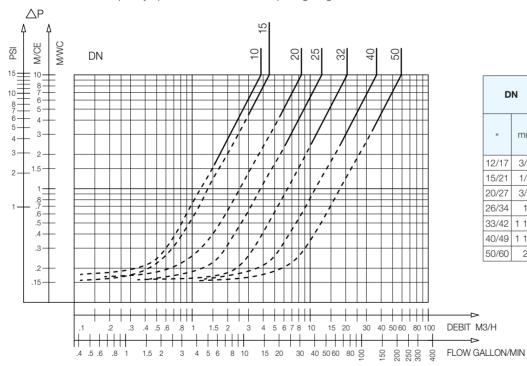
Application

Construction, water distribution, heating, industry.

Operation

Direction for use:

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

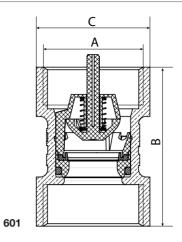


D	N	Opening pressure in mm CE	Kv	_
39	mm		m³/H	ζ
12/17	3/8		3,85	1,1
15/21	1/2		4,5	4
20/27	3/4	5 .	8,5	3,6
26/34	1	Between 50 and 200	12,55	4
33/42	1 1/4	00 4.10 200	20,6	4
40/49	1 1/2		35,6	3,06
50/60	2		59,2	2,85

601 - Headloss chart

Sizing

1	4	В	С
"	mm	mm	mm
3/8	12/17	38	22
1/2	15/21	41	26
3/4	20/27	42	30
1	26/34	47	37
1 1/4	33/42	55	47
1 1/2	40/49	78	54
2	50/60	89	66



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