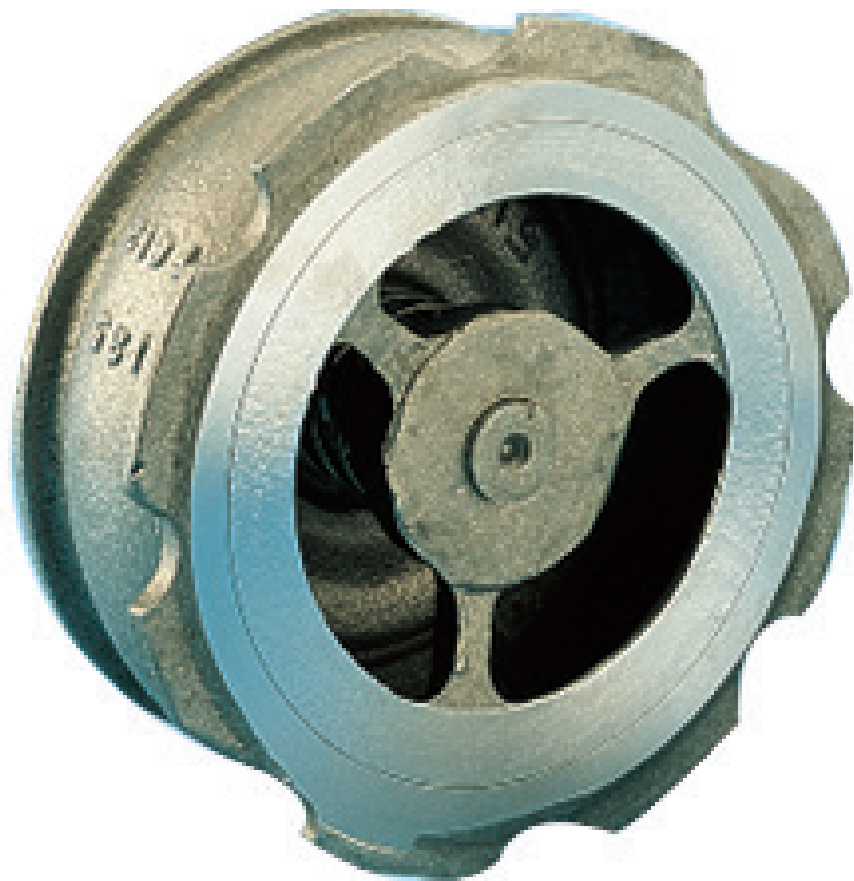


812XL

Non-return disc valves
System W

Technical Data Sheet



Description

- Operates in any position
- Easy to install and dismantle, space-saving
- Minimum head loss
- Does not generate hammering
- Closing system with back axial guiding and return spring ; lateral guiding by 3 or 4 ribs (DN 32 to 100)
- Tightness with EPDM seal

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Non-return disc valves - System W



DN	PN	PFA in bar	PS in bar				Cat.	Ref.	Weight Kg
			L1	L2	G1	G2			
1	25	40	40	40	20	40	I	149b2422XL	0,24
1 1/4	32	40	40	40	30	40	I	149B2423XL	0,35
1 1/2	40	40	40	40	25	40	I	149B2424XL	0,52
2	50	40	40	40	20	40	I	149B2425XL	0,73
2 1/2	65	40	40	30	40	15	I	149B2426XL	1,52
3	80	40	40	25	40	12	I	149B2427XL	2,17
4	100	40	40	20	40	10	I	149B2428XL	3,35
5	125	40	40	16	40	0,5	I	149B2429XL	8,75
6	150	40	40	13	40	0,5	I	149B2430XL	15
8	200	16	16	16	16	16	II	149B2431XL	26,5

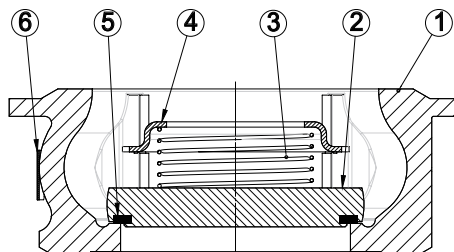
Important notice :

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 100°C
Permissible operating pressure (PFA) in water	See table above
Maximum permissible pressure (PS) other mediums	See table above
Connection	Between flanges PN (see table)
Mediums	Clear liquids, steam
Leakage rate	According to EN 12266-1 rate A

Nomenclature and materials



N°	Description	Materials	EURO	ANSI
1	Body	Stainless steel	EN10213 GX2CrNiMo19-11-2 +AT	AISI 316L
2	Closing sytem	Stainless steel	EN10088-3 X2CrNiMo17-12-2	AISI 316L
3	Spring	Stainless steel	EN10088-3 X5CrNiMo17-12-2	AISI 316L
4	Stop guide	Stainless steel	EN10088-3 X2CrNiMo17-12-2	AISI 316L
5	Seal	EPDM		
6	Identification label			

Approvals



International construction Standards :

- Directive 2014/68/UE
- Connection ASME B16.1 class 125FF
- Connection ASME B16.5 class 150RF and class 300RF
- Connection according to EN 1092
- Overall dimensions according to EN 558.1 series 49

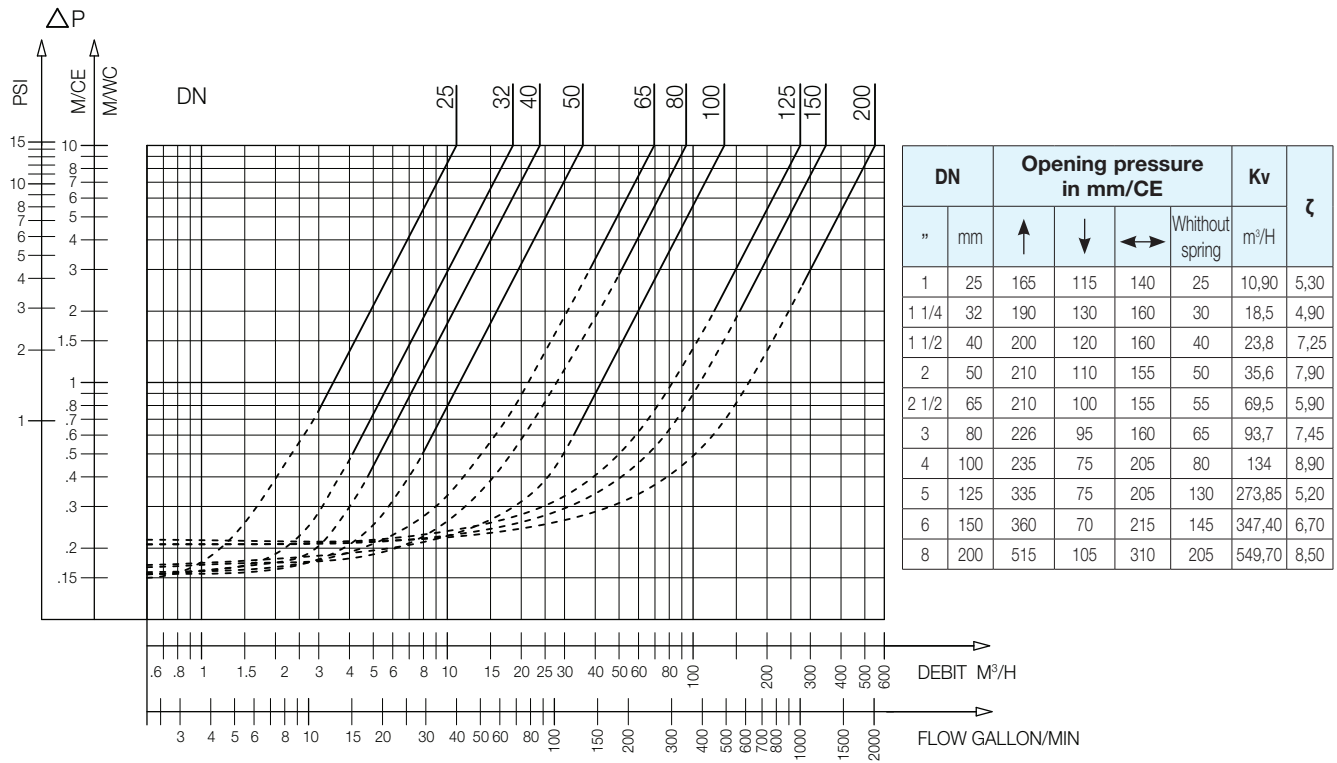
Application

Industry, chemical applications, high pressure, high temperature, steam service.
 Use of these valves on circuits equipped with piston pump or piston compressor is not recommended.

Operation

Direction for use :

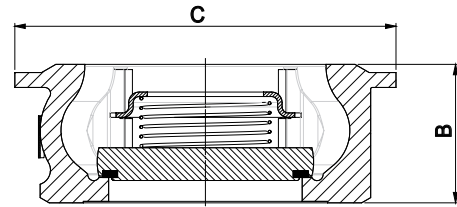
- Solid line: Valve completely open
- Dotted line: opening stage of valve



812XL - Headloss chart

Sizing

DN		B	C - PN6	C - PN10/16 ASA150	C - PN25/40 ASA300
"	mm	mm	mm	mm	mm
1	25	22	64	73	73
1 1/4	32	28	78	84	84
1 1/2	40	31,5	88	94	94
2	50	40	98	109	109
2 1/2	65	46	118	129	129
3	80	50	134	144	144
4	100	60	154	162	170
5	125	90		192	192
6	150	106		218	224
8	200	140	262	273	



812XL

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

Socla reserves the right to carry out any technical and design improvements to its products without prior notice. Warranty : All sales and contracts for sale are expressly conditioned on the buyer's assent to Socla terms and conditions found on its website at www.socla.com. Socla hereby objects to any term, different from or additional to Socla terms, contained in any buyer communication in any form, unless agreed to in a writing signed by an officer of Socla.



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