

Technical data sheet

Type 302X

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 flat seal
- Return spring
- All stainless steel
- FKM seal

Technical description

Important notice:

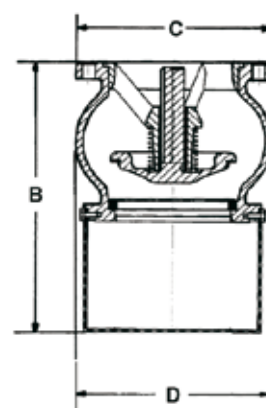
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

DN "	mm	PN	PFA bar	PS - bar				Cat.	References	Vvs-nr
				L1	L2	G1	G2			
2	50	10/16	16	16	16	x	x	3.3	149B14714	
2 ^{1/2}	65	10/16	16	16	16	x	x	3.3	149B14715	
3	80	10/16	16	16	16	x	x	3.3	149B14716	
4	100	10/16	16	16	16	x	x	3.3	149B14717	
5	125	10/16	16	16	16	x	x	3.3	149B14718	
6	150	10/16	16	13	16	x	x	3.3	149B14434	
8	200	10	10	10	10	x	x	3.3	149B14719	
10	250	10	10	10	10	x	x	I	149B14720	
12	300	10	10	10	10	x	x	I	Special	
14	350	10	10	10	10	x	x	I	Special	
16	400	10	10	10	10	x	x	I	Special	

- **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. 140 °C
- **Mediums** : Corrosive liquids, sea water hydrocarbons, clear liquids
- **Approvals** :
- **International construction Standards** : CE Conformity Directive 97/23/CE
Flange drilling according to EN1092-2

Overall dimensions

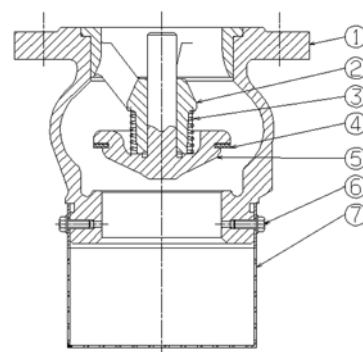
DN		B	C	D	Weight
"	mm	mm	mm	mm	kg
2	50	143	165	97	4,7
2 ^{1/2}	65	185	185	125	6,9
3	80	218	200	150	10,1
4	100	265	220	181	14,8
5	125	333	254	217	20,7
6	150	373	285	256	30,5
8	200	483	343	336	52,3
10	250	572	406	416	98,1
12	300	652	482	486	144,9
14	350	771	533	580	246,3
16	400	876	597	676	343



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Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Stainless steel	X5CrNi18-10	AISI 304
2	GUIDE	Stainless steel	X5CrNi18-10	AISI 304
3	SPRING	Stainless steel	X10CrNi18-8	AISI 302
4	SEAL	FKM		
5	CLOSING SYSTEM	Stainless steel	X5CrNi18-10	AISI 304
6	SCREW	Stainless steel	X5CrNi18-10	AISI 304
7	STRAINER	Stainless steel	X5CrNi18-10	AISI 304



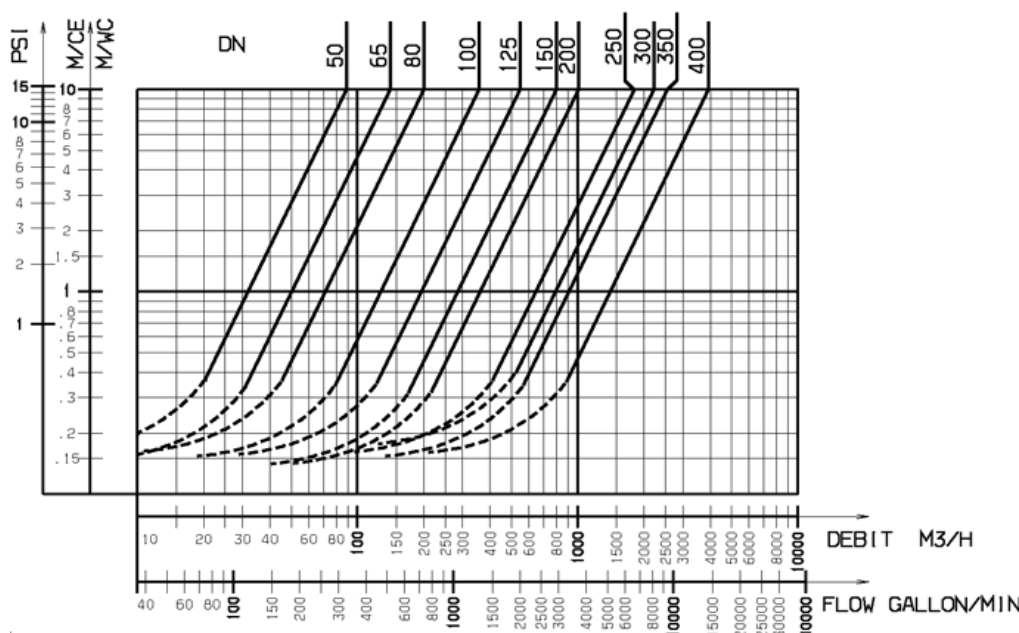
Working principle

DN		Opening pressure in mm/WC		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
5	125	350	150	557,00	1,20
6	150	400	170	801,00	1,20
8	200	450	190	1008,00	2,46
10	250	560	250	1818,00	1,85
12	300	760	365	2210,00	2,60
14	350	810	380	2560,00	3,60
16	400	900	450	3930,00	2,60

Directions for use :

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

ΔP



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