

Technical data sheet

Type 405L Non return valve System 05

Applications and special features



- The head loss is very low as the plate folds away completely.
- Unrestricted passage out through the valve means that it can be used for all kinds of water including waste and sewage.
- All parts in metal are coated, so there is no risk of corrosion. Inspection cover for ease of dismantling.
- On request : with a drain plug.

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.

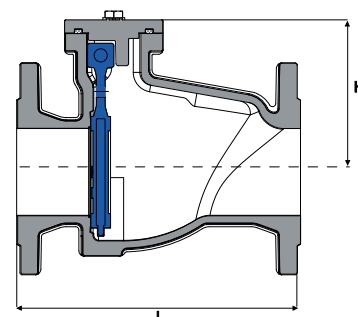
DN mm	PN	PFA bar	PS - bar				Cat.	References	Vvs-nr
			L1	L2	G1	G2			
40	10/16	16	16	16	0,5	16	3.3	149B 3459	
50	10/16	16	16	16	0,5	16	3.3	149B 3460	
60/65	10/16	16	16	16	0,5	15	3.3	149B 3772	
80	10/16	16	16	16	0,5	12	3.3	149B 3773	
100	10/16	16	16	16	0,5	10	3.3	149B 3774	
125	10/16	16	16	16	0,5	8	3.3	149B 3775	
150	10/16	16	13	16	0,5	6	3.3	149B 3776	

Option : drain plug

- **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. 70 °C
- **Mediums** : waste water - clear water
- **Approval** : PED 2014/68/UE
- **International construction Standards** :
CE Conformity Directive 2014/68/UE
Flange drilling according to EN 1092-2
Overall dimensions according to EN558-1 serial 48

Overall dimensions

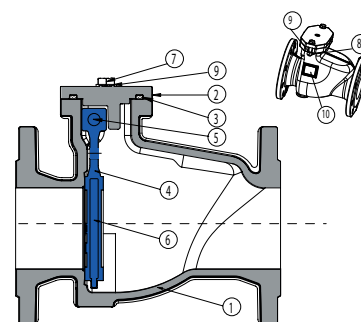
DN	L	H	Weight
mm	mm	mm	kg
40	180	89	6
50	200	95,5	7,5
60/65	240	122,5	11
80	260	139,5	15
100	300	154,5	21
125	350	162	30
150	400	179	39



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Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Cast iron/Epoxy in/out	EN-GJL-250	ASTM A 48 35 B
2	COVER	Cast iron/Epoxy	EN-GJL-250	ASTM A 48 35 B
3	SEAL	NBR		
4	VULCANISED SEAL	NBR		
5	STEM	Brass	CuZn39Pb3	
6	PLATE	Ductile iron/NBR		
7	SCREW	Stainless steel	GX5CrNi19-10	AISI 304
8	NUT	Stainless steel	GX5CrNi19-10	AISI 304
9	WASHER	Stainless steel	GX5CrNi19-10	AISI 304
10	PLATE	Aluminium		



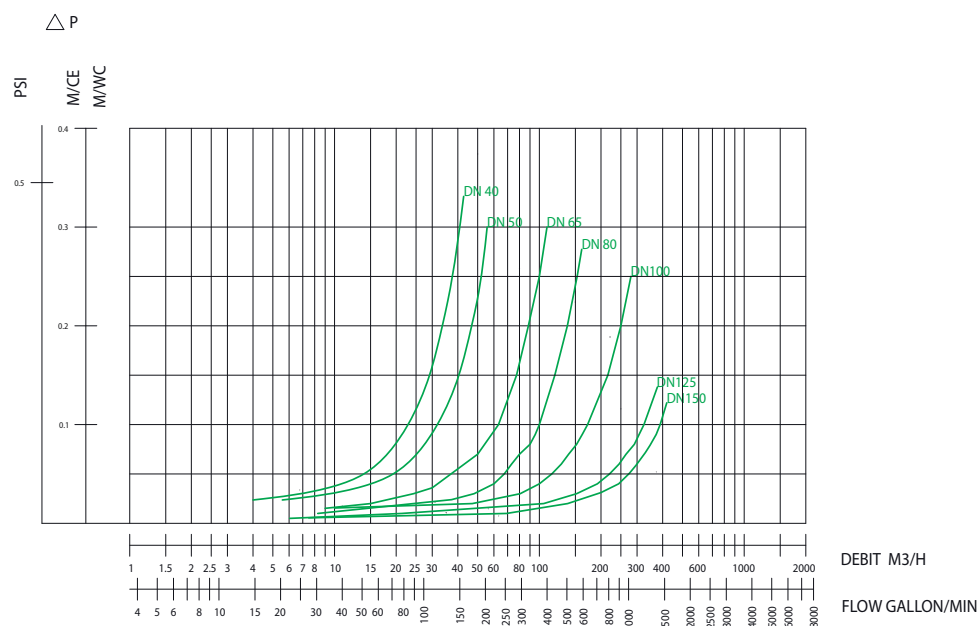
Working principle

DN	Opening pressure in mm/WC	Kv	ζ
mm		m³/H	
40	Near 0	70	
50		126	
60/65		182	
80		310	
100		530	
125		996	
150		1224	

Working position : horizontal with inspection cover upside, or vertical ascending

Directions for use :

- Solid line : Valve completely open



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