

Technical data sheet

Type 405

Non return valve

System 05

Applications and special features



- The head loss is very low as the plate folds away completely.
- Plate angled on the valve seat to ensure closure.
- 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.
- The check valve is designed with a drain plug. Plate may be lifted by external screw if required.

Technical description

DN mm	PN	PFA bar	PS - bar				Cat.	References	Vvs-nr
			L1	L2	G1	G2			
65*	10/16	16	16	16	15	16	I	149B 3461	
80	10/16	16	16	16	12	16	I	149B 3462	
100	10/16	16	16	16	10	16	I	149B 3463	
125	10/16	16	16	16	0,5	16	I	149B 3464	
150	10/16	16	13	16	0,5	16	I	149B 3465	
200	10	10	10	10	0,5	10	I	149B 3466	
250	10	10	10	10	0,5	10	I	149B 3467	
300	10	10	10	10	0,5	10	I	149B 3468	

Option : Lifting of plate by external screw

* : Flanges drilled 4 and 8 holes

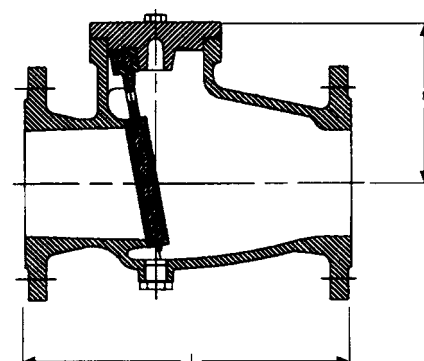
Important notice:

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.

- **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
- **Approvals :** PED 97/23/CE
- **International construction Standards :**
CE Conformity Directive 97/23/CE
Flange drilling according to EN 1092-2
Overall dimensions according to EN558-1 serial 48

Overall dimensions

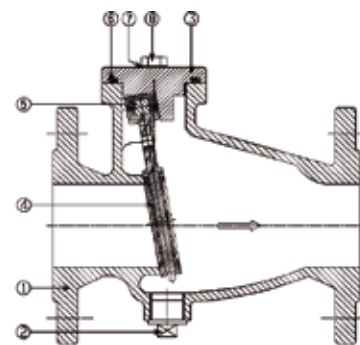
DN	L	H	Weight
mm	mm	mm	kg
65	240	122	13
80	260	140	16
100	300	152	26
125	350	162	34
150	400	180	45
200	500	205	57
250	600	255	92
300	700	293	137




Technical data sheet Type 405 - Non return valve

Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Ductile iron + epoxy	EN-GJS-400.15	ASTM A 536 65-45-12
2	PLUG	Brass	CuZn39Pb3	
3	COVER	Ductile iron + epoxy	EN-GJS-400.15	ASTM A 536 65-45-12
4	PLATE	NBR overmoulding		
5	STEM	Brass	CuZn39Pb3	
6	SEAL	NBR		
7	WASHER	Stainless steel	GX5CrNi19-10	AISI 304
8	BOLT and NUTS	Stainless steel	GX5CrNi19-10	AISI 304



Working principle

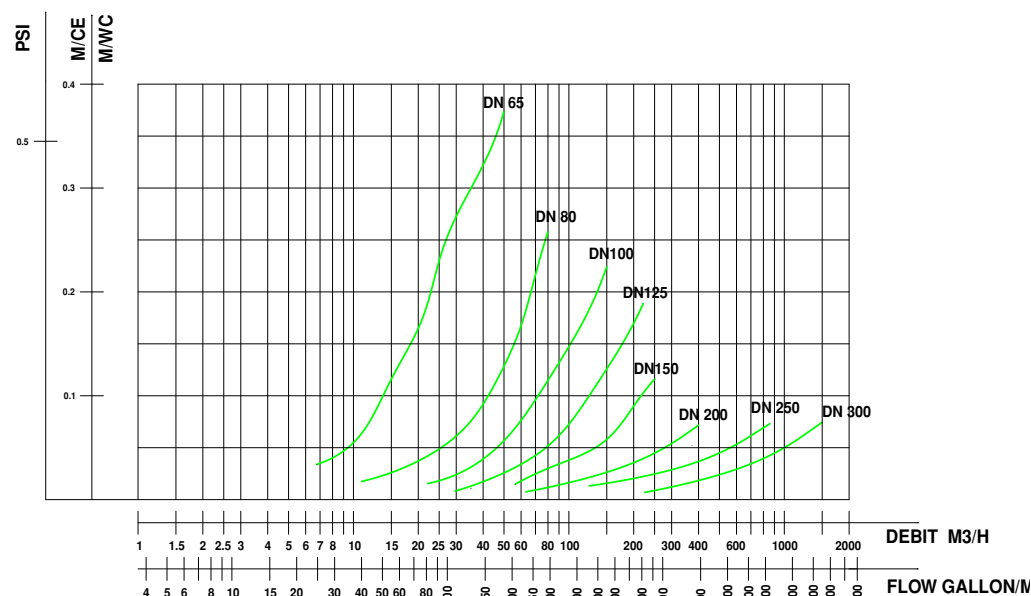
DN	Opening pressure in mm/WC	Kv	ζ
mm		m³/H	
65	Near 0	225,00	0,56
80		493,00	0,27
100		622,00	0,41
125		1093,00	0,33
150		1749,00	0,26
200		3467,00	0,21
250			
300			

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

Directions for use :

- Solid line : Valve completely open

△ P



Socla can accept no responsibility for possible errors in catalogue, brochures and other printed material. Socla reserve the right to alter its products without notice. This also applies to products already agreed. All trademarks in this material are the property of the respective companies. All right reserved.

Socla SAS

365 rue du lieutenant Putier
71530 VIREY LE GRAND
Postal address : BP 10273
71107 CHALON SUR SAONE Cedex

Tel : 33 3 85 97 42 52
Fax : 33 3 85 97 97 42
<http://www.socla.com>
e-mail: commerfr@socla.com