

Technical data sheet

Type 253

EA anti-pollution non-return valve
03 System

Applications and special features



- Approved according to EN 13959.
- Operates in any position.
- Excellent sealing at high as well as low pressure (NF).
- Drilled bosses with plug (DN 50 : 1/4" - DN 65 : 1/2").

Technical description

Important notice :

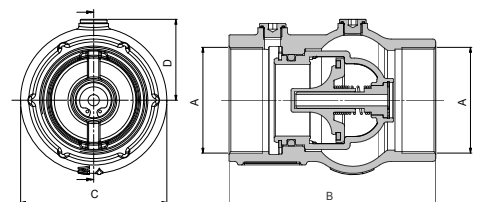
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

DN mm	PFA bar	PS - bar				Cat.	References	Vvs-nr
		L1	L2	G1	G2			
50	16	16	16	15	16	I	149B 3810	
60	16	16	16	12	16	I	149B 3811	

- **Connection** : female/female, BSP thread
- **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. 100 °C
- **Mediums** : Clear liquids, gas
- **Approvals** : ACS - PED 97/23/CE
- **International construction Standards** :
Thread connection according to NF EN 10226-1
NF Anti-pollution according to NF EN 13959
EN 1717

Overall dimensions

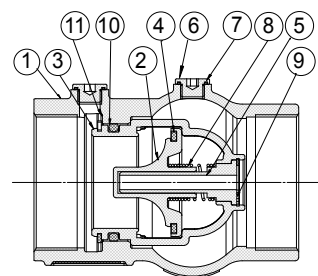
DN	A	B	C	D	Weight
mm	mm	mm	mm	mm	kg
50	2"1/2	147	104	58	2,6
65	3"	199	146	94,5	4,8



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Spare parts list and materials

N°	Description	Material	EURO	ANSI
1	CASING	Ductile iron + Epoxy	EN-GJS-400.15	ASTM A 536 65-45-12
2	CLOSING SYSTEM	DZR brass	CuZn36Pb2As	
3	SEAT	Stainless steel	GX5CrNi 19-10	AISI 304
4	FLAT SEAL	EPDM		
5	STEM	DZR brass	CuZn36Pb2As	
6	PLUG	Brass	CuZn39Pb3	
7	O-RING	EPDM		
8	SPRING	Stainless steel	X10CrNi18-8	AISI 302
9	CIRCLIPS	Stainless steel	X5CrNi 18-10	AISI 304
10	O-RING	EPDM		
11	CIRCLIPS	Stainless steel	X5CrNi 18-10	AISI 304

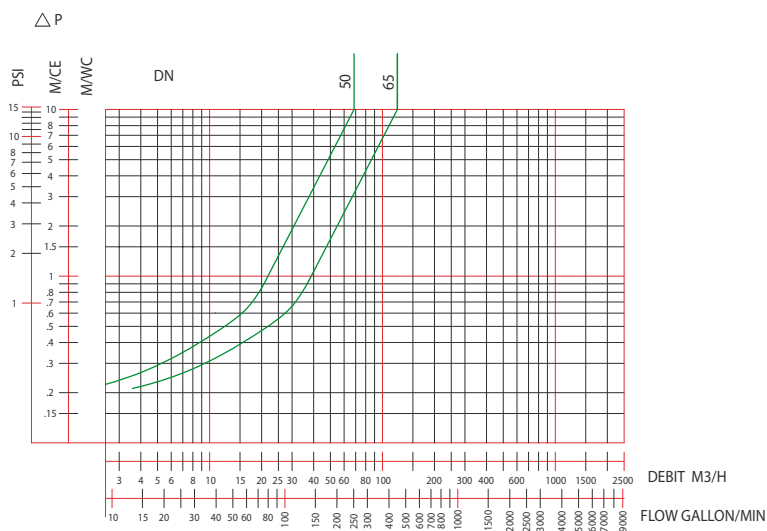


Working principle

DN	Opening pressure in mm/WC	Kv	ζ
mm		m ³ /H	
50		116	2,12
65		123	1,89

Directions for use :

- Solid line : Valve completely open



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