

## Technical data sheet

# Type 251CC

## EA antipollution non-return valve

System 01

### Applications and special features



- Operates in any position
- Minimum head loss
- Silent and robust
- Does not generate hammering
- Closing system : double axial guiding with return spring
- Excellent sealing at high as well as at low pressure ensured by a specially designed lip ring-seal.
- 4 drilled bosses 1/4" with plug (PPA), except DN15, drilled bosses 1/8"

### Technical description

DN		PFA (bar)	PS (bar)				Cat.	References	Vvs-nr
C	"		L1	L2	G1	G2			
15	1/2	10	10	10	10	10	3.3	149B 3050	
20	3/4	10	10	16	10	10	3.3	149B 3051	

C : water meter

#### 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** : Female/Male BSP thread, with union nut
- **Permissible operating pressure PFA - water-** (for supply, distribution and disposal of water) : See table
- **Maximum permissible pressure PS - other mediums** : See tableau

• **θ** Mini. -10 °C  
Maxi. 80 °C

- **Mediums** : Clear liquids, gas

- **Approvals** : ACS

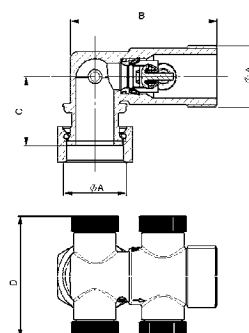
- **International construction Standards** :

NF Antipollution according to NF EN 13959 - EN1717

Thread connection according to NF E 03-005 ISO 228

### Overall dimensions

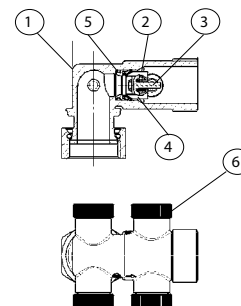
DN	Connection A		B	C	D	Weight
"	"	mm	mm	mm	mm	kg
1/2	3/4	20/27	60	28	26	0,26
3/4	1	26/34	67	33	30	0,38



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### Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Brass	CuZn39Pb2 ou CuZn40Pb2	
2	GUIDE	POM (polyacetal)		
3	CLOSING SYSTEM	POM (polyacetal)		
4	SPRING	Stainless steel	X10CrNi18-8	AISI 302
5	SEAL	NBR (Nitrile)		
6	PLUG SEAL	PPA EPDM		

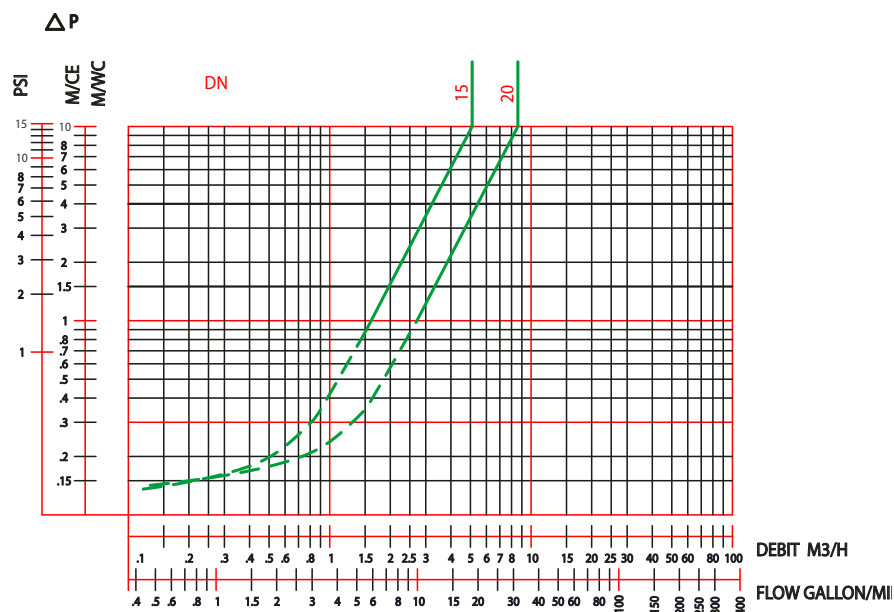


### Working principle

DN		Opening pressure (in mm WC)	Kv	$\zeta$
C	"		m <sup>3</sup> /H	
15	1/2	Between 50 and 200	5,1	3
20	3/4		8,6	3,7

#### Direction for use :

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



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