

## Technical data sheet

# Type 241

## EB anti-pollution non-return valve

01 System

### 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.

### Technical description

DN mm	PFA (bar)	PS (bar)				Cat.	References	Vvs-nr
		L1	L2	G1	G2			
8	10	10	10	10	10	3.3	149B 2014*	
10	10	10	10	10	10	3.3	149B 2015	
15	10	10	10	10	10	3.3	149B 2008	
20	10	10	10	10	10	3.3	149B 94105*	

\*with NBR seal

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

•  $\theta$  Mini. -10 °C  
Maxi. 80 °C

• **Mediums** : Clear liquids, gas

• **Approvals** : ACS

• **Other approvals available** : : consult us

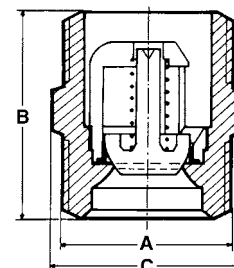
#### International construction Standards :

NF Antipollution according to NF EN 13959 except DN 3/4 EN 1717

Thread connection according to NF E 03-005 ISO 228

### Overall dimensions

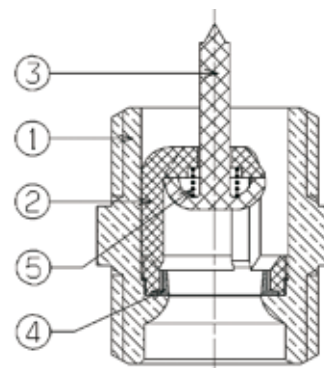
Connection A		B	C	Weight
"	mm	mm	mm	kg
1/4	8/13	39,0	20	0,050
3/8	12/17	40,5	20	0,060
1/2	15/21	26,0	24	0,050
3/4	20/27	50,0	30	0,098



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### Spare parts list and materials

Nr	Description	Material	EURO	ANSI
1	CASING	Brass	CuZn40Pb2 CuZn39Pb3	
2	GUIDE DN 8 to 15 GUIDE DN 20	POM (polyacetal) PPO		
3	CLOSING SYSTEM	POM (polyacetal)		
4	SEAL DN 10 - 15 SEAL DN 8 - 20	EPDM NBR (Nitrile)		
5	SPRING	Stainless steel	X10CrNi18-8	AISI 302

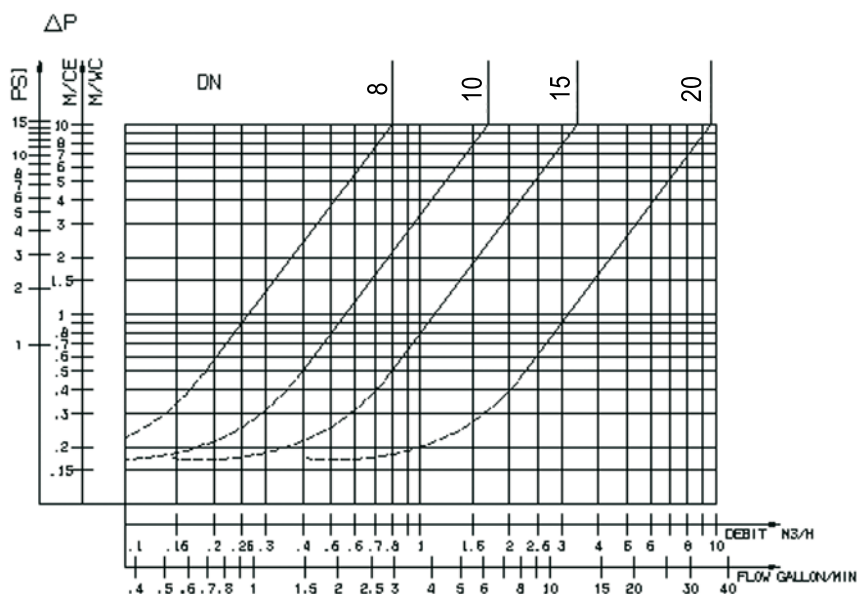


### Working principle

DN	Opening pressure (in mm WC)	Kv	$\zeta$
mm		m <sup>3</sup> /H	
8	between 50 and 200	0,8	10,03
10		1,7	5,43
15		3,4	6,90
20		9,6	2,70

#### Direction for use :

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



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