EB 281C

EB antipollution non-return valves System 01

Technical Data Sheet







Description

The non-return valve EB 281C is certified to the NF antipollution norms. This non-return valve is designed for the protection of drinking water network against polluted backflow which has no recognized toxic or microbiological risks to human health. It is particularly suitable for mounting after watermeter.

- 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



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DN		PFA	PS in bar				Cat.	Ref.	Weight
M "	F "	in bar	L1	L2	G1	G2	out.	11011	Kg
1/2	1/2	10	10	10	10	10	4.3	149B2065	0,605
3/4	3/4	10	10	10	10	10	4.3	149B2514	0,100

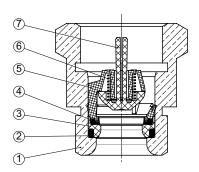
Important notice:

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.

Technical features				
Operating temperature	-10°C at 65°C			
Permissible operating pressure (PFA) in water	See table above			
Maximum permissible pressure (PS) other mediums	See table above			
Connection	Male/Female, BSP thread			
Mediums	Clear non corrosive liquids, gas			

Nomenclature and materials

N°	Description		Materials	EURO
1	Body		Chromed brass	EN 12165-CuZn40Pb2-H080 4MS
2	O-ring		EPDM	NBR 70 Sh A
3	Seat		Hostaform natural	C 13031
	Seal	DN 1/2"	EPDM	
4	Seal	DN 3/4"	NBR	
5	Guide		Hostaform natural	C 13031
6	Spring		Stainless steel	EN10270-3-X10CrNi18-8
7	Closing system		Hostaform natural	C 13031





Approvals









International construction Standards:

NF Antipollution according to NF EN 13959 - EN1717 Thread connection according to NF EN ISO 228-1 or ISO 7.1

Application

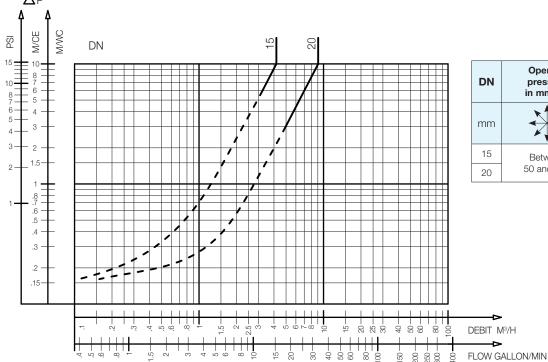
Housing, water distribution, protection of drinking water networks.

Operation

Direction for use:

• Solid line: Valve completely open

• Dotted line: opening stage of valve

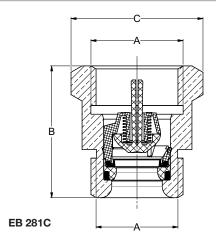


DN	Opening DN pressure in mm/CE		7
mm	***	m³/H	ζ,
15	Between	4,18	4,63
20	50 and 200	9,1	3,11

EB 281C - Headloss chart

Sizing

Conne	ction A	В	С
М "	F"	mm	mm
1/2	1/2	30	26
3/4	3/4	38	30



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