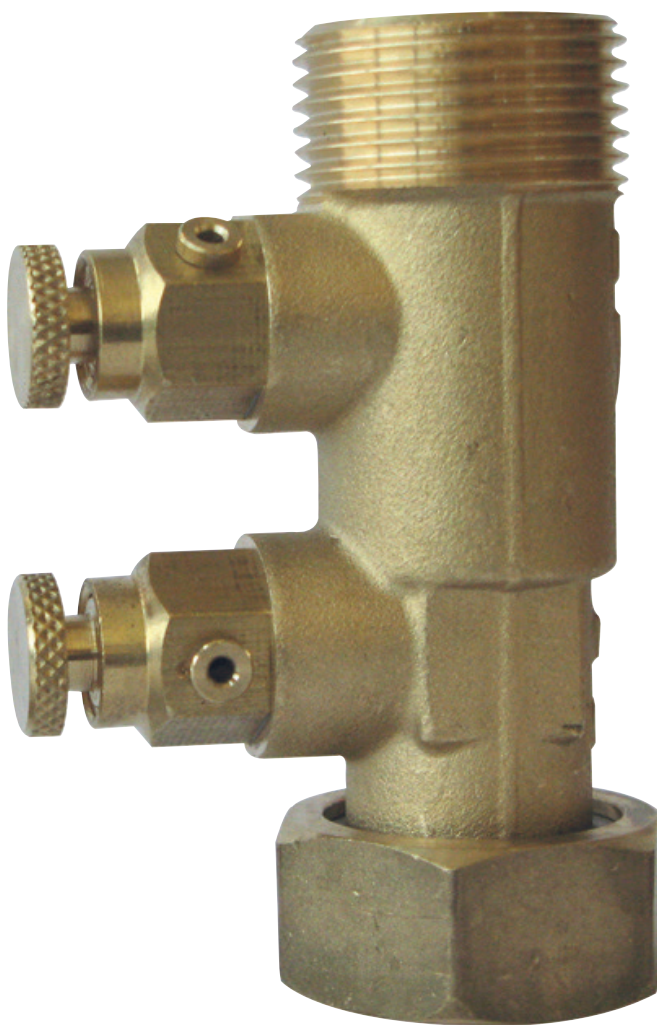


EA 251PU

EA antipollution non-return valves

System 01

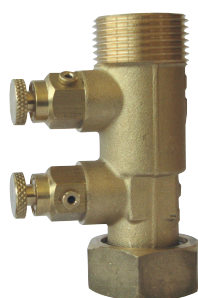
Technical Data Sheet



Description

The non-return valve EA 251PU 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
- Drilled bosses 1/4" with drain cock, except DN15, drilled bosses 1/8"



EA 251PU

EA antipollution non-return valves - System 01

DN		PFA in bar	Ref.	Weight Kg
C	"			
15	3/4	10	149B1501	0,174
20	1	10	149B14390	0,280
25	1 1/4	10	149B14528	0,455
30	1 1/2	10	149B14495	0,630
40	2	10	149B14529	1,100

*C : water meter

Important notice :

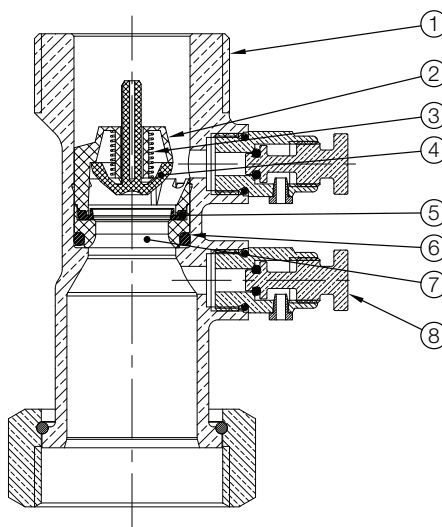
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

Technical features

Operating temperature	Mini. : -10 °C / Maxi. : 65 °C / Short time (1h/Day) : 90 °C
Permissible operating pressure (PFA) in water	See table above
Maximum permissible pressure (PS) other mediums	See table above
Connection	Female/male BSP thread, with union nut
Mediums	Drinking water, other fluids consult us

Nomenclature and materials

N°	Description	Materials
1	Body	Brass
2	Guide	Hostaform natural
3	Spring	Stainless steel
4	Closing system	Hostaform natural
5	Spring	EPDM
6	O-ring	EPDM
7	Seat	Hostaform natural
8	Drain cock	Brass



Approvals

ACS



International construction Standards :

NF Antipollution

NF EN 13959

ISO 228

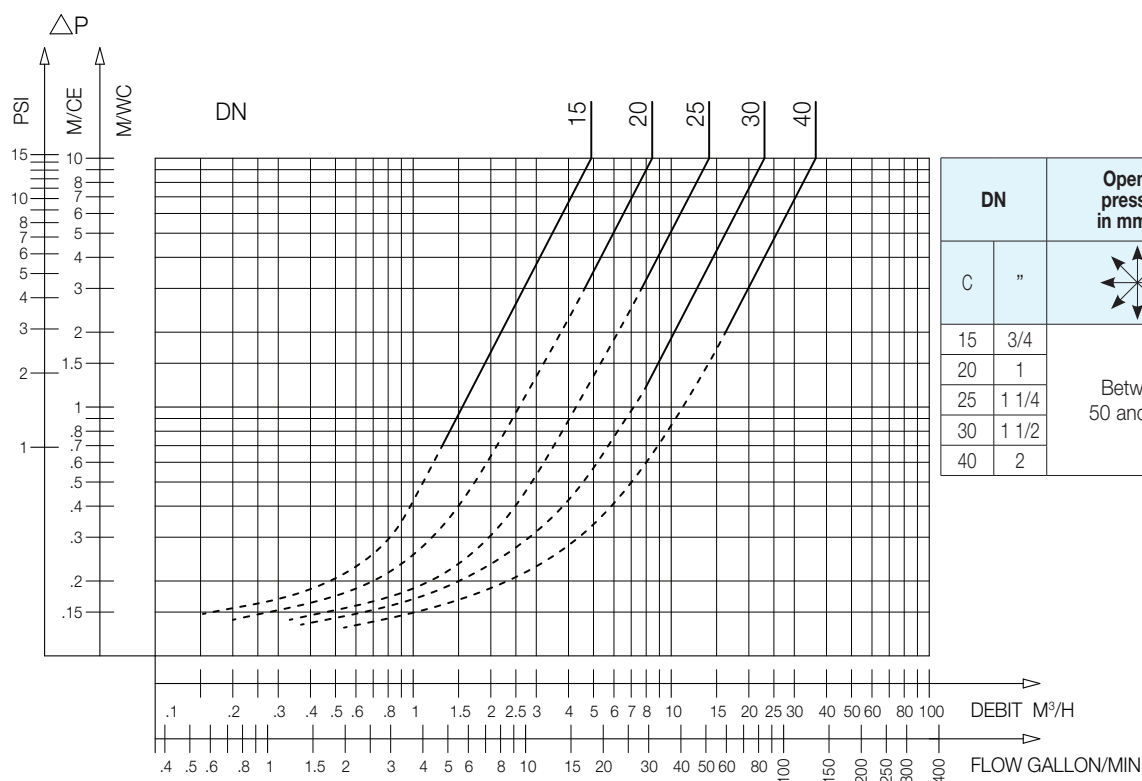
Application

Housing, water distribution, protection of drinking water networks.

Operation

Direction for use :

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

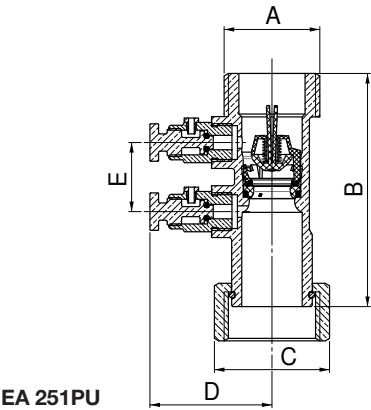


DN		Opening pressure in mm/CE	Kv	ζ
C	"	 Between 50 and 200	m³/H	
15	3/4		4,90	3,37
20	1		8,44	3,19
25	1 1/4		14,00	3,59
30	1 1/2		23,00	3,17
40	2		36,32	3,10

EA 251PU - Headloss chart

Sizing

DN	Connection A		B	C	D	E
C	"	mm	mm	mm	mm	mm
15	3/4	20/27	78	30	40	28
20	1	26/34	81	38	40	24
25	1 1/4	33/42	89	46	46	25
30	1 1/2	40/49	100	55	46	30
40	2	50/60	105	66	50	36



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