

EA 253

EA antipollution non-return valves

System 03

Technical Data Sheet



Description

The non-return valve EA 253 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.

- Excellent sealing at high as well as low pressure (NF)
- Drilled bosses with plug (DN 50 : 1/4" - DN 65 : 1/2")



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DN		PFA in bar	PS in bar				Cat.	Ref.	Weight Kg
"	mm		L1	L2	G1	G2			
2 1/2	50	16	16	16	15	16	I	149B3810	2,6
3	65	16	16	16	12	16	I	149B3811	4,8

Important notice :

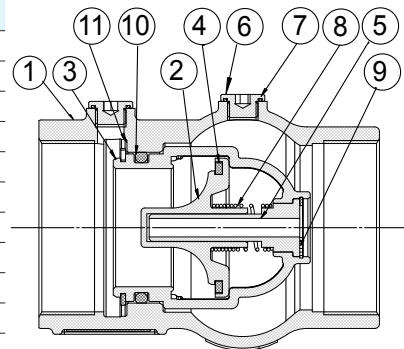
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

Technical features

Operating temperature	-10 °C at 100 °C
Permissible operating pressure (PFA) in water	See table above
Maximum permissible pressure (PS) other mediums	See table above
Connection	Female/female, BSP thread
Mediums	Clear liquids, gas

Nomenclature and materials

N°	Description	Materials	EURO	ANSI
1	Body	Cast iron/Epoxy	EN1563 EN-GJS-400.15	ASTM A 536 65-45-12
2	Closing system	DZR Brass	EN1265-CW625N-DW-H070	
3	Seat	Stainless steel	EN10213-1.4308+AT	AISI 304
4	Flat seal	Silicone		
5	Stem	DZR Brass	EN1265-CW625N-DW-H070	
6	Plug	Brass	EN12164-CW625N-DW-R320	
7	O-ring	EPDM		
8	Spring	Stainless steel	ISO6981-1-4325 302-00-E	AISI 302
9	Circlips	Stainless steel	EN1DO88-1.4301	AISI 304
10	O-ring	EPDM		
11	Circlips	Stainless steel	EN1DO88-1.4301	AISI 304



Approvals



International construction Standards :

Thread connection according to NF EN 10226-1

NF Antipollution according to NF EN 13959 - EN1717

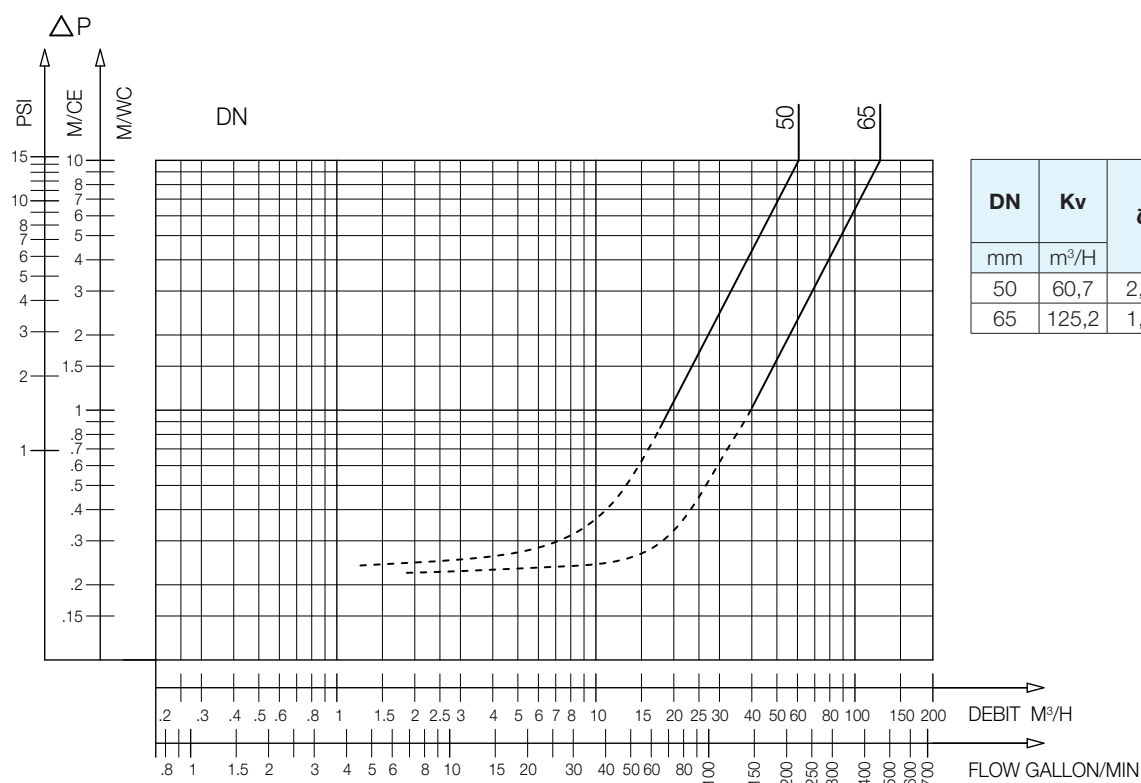
Application

Housing, water distribution, protection of drinking water networks.

Operation

Direction for use :

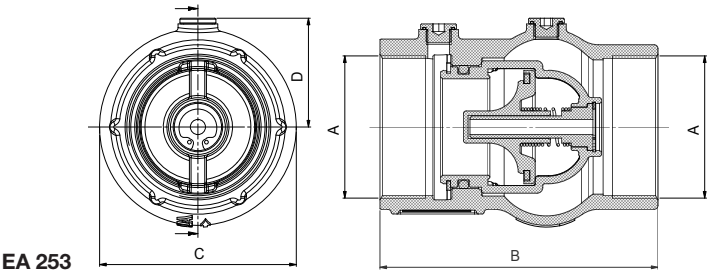
- Solid line: Valve completely open
- Dotted line: opening stage of valve



EA 253 - Headloss chart

Sizing

DN	A	B	C	D
mm	"	mm	mm	mm
50	2 1/2	147	106	58
65	3	199	146	91



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