

HD206

Vacuum breakers

Technical Data Sheet



Description

Vacuum breakers are double protection valves, containing the following in the flow direction, one non-return valve. One vacuum breaker (water/air tightness ensured by a membrane). This vacuum breaker ensures that the downstream is emptied when the flow is stopped and prevents the backflow of used water through a possible leak in the non-return valve, in the event of depression in the mains. It doesn't allow any closing device downstream.

- Operating position : vertical ascending
- Minimum head loss; silent, robust
- Does not generate hammering
- Closing system : double axial guiding with release spring
- Excellent sealing at high as well as at low pressure ensured by a specially designed lip-ring seal



HD206

Vacuum breaker

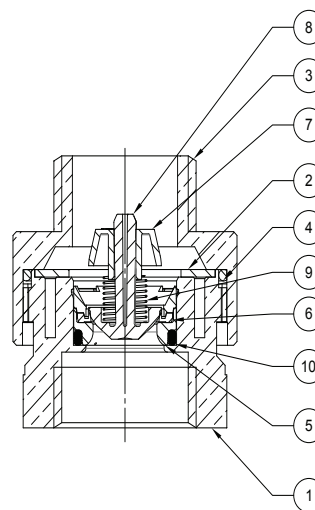
DN		Ref.	Weight Kg
F "	M "		
1/2	1/2	2220500S	0,10

Technical features

Operating temperature	-10 °C at 65 °C
Connection	Female/male
Mediums	Clear liquids

Nomenclature and materials

N°	Description	Materials
1	Body	EN12164-CW617N-DW-R360
2	Seal	NBR
3	Body	EN12164-CW617N-DW-R360
4	O'Ring	EPDM
5	Seat	Hostaform C13031 Natural
6	Seal	EPDM
7	Guide	Hostaform
8	Poppet	Hostaform
9	Spring	EN10270-3-X10CrNi18-8 (302)
10	O'Ring	EPDM



Approvals

ACS

International construction Standards :

Thread connection according to ISO 228-1

Application

Protection of drinking water networks.

Ensures disconnection between shower hoses (hand shower) and mixing faucets without continuous pressure. An end backflow preventer ensures true disconnection whenever there is a risk of siphoning.

Prevents polluted water from flowing back into the public network.

Can be installed wherever a drawing point is likely to be fitted with an immersion tube.

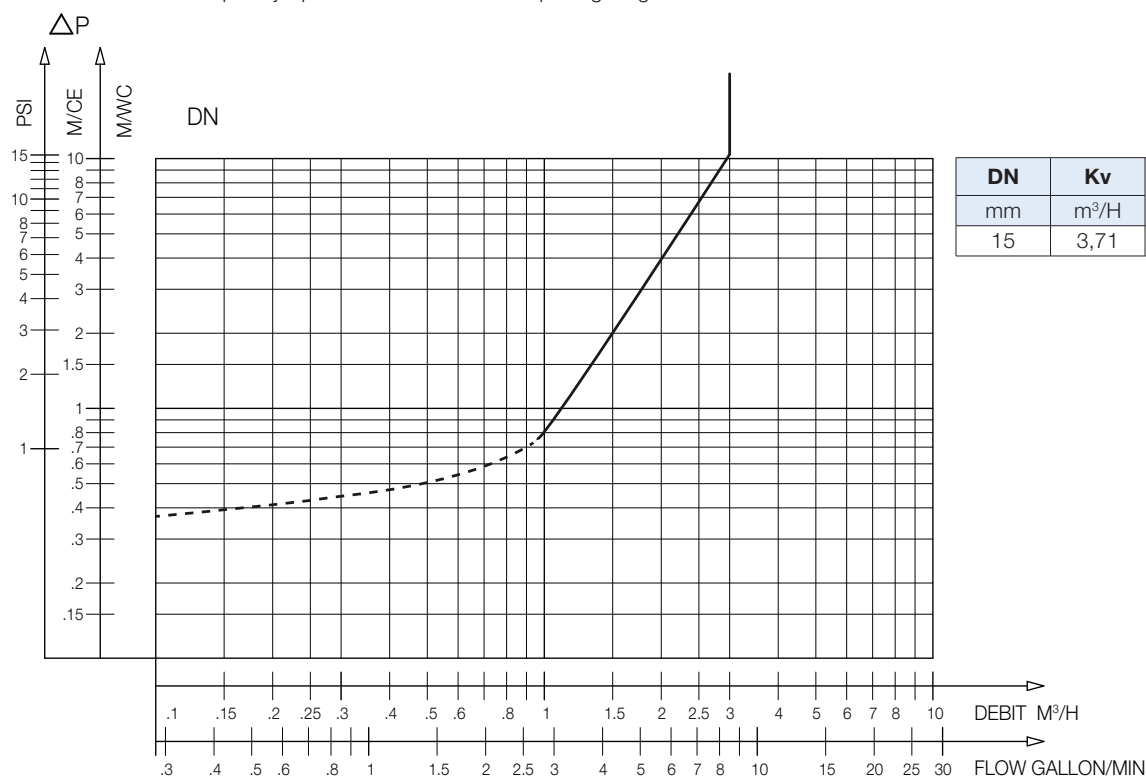
	Protection unit EN 1717	Fluid category					Product standard
		1	2	3	4	5	
	Controllable backflow preventer with reduced pressure zone	✓	✓	✓	✓	■	EN 12729
	Non controllable backflow preventer with different pressure zones	✓	✓	✓	■	■	EN 14367
	Hose union backflow preventer	✓	✓	●	■	■	EN 14454
	Hose union anti-vacuum valve combined with a check valve	✓	✓	●	■	■	EN 15096
	In-line anti-vacuum valve	●	●	●	■	■	EN 14451
	Controllable anti-pollution check valve	✓	✓	■	■	■	EN 13959
	Non-controllable anti-pollution check valve	Only permitted for specific applications and protection of domestic water systems					EN 13959
	Controllable anti-pollution double check valve	●	●	■	■	■	EN 13959
	Non-controllable anti-pollution double check valve	Only permitted for specific applications and protection of domestic water systems					EN 13959

✓ : Covers the risk / ● : Covers the risk if p=atmosphère / ■ : Fails to cover the risk

Operation

Direction for use :

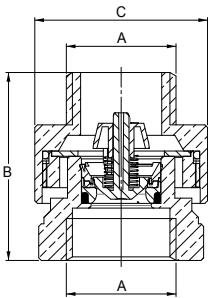
- Solid line: Valve completely open
- Dotted line: opening stage of valve



HD206 - Headloss chart

Sizing

DN	A	B	C
mm	"	mm	mm
15	1/2	36	33



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