

# SET OF PROTECTION WITH SUPPORT RAIL

## Technical Data Sheet



## Description

The set is not assembly and composed of :

- a backflow preventer type BABM
- 1 isolating valve type VABS V3000
- 1 isolating valve type VABS V3000MF
- a filter type Y222P
- a support rail



## SET OF PROTECTION WITH SUPPORT RAIL

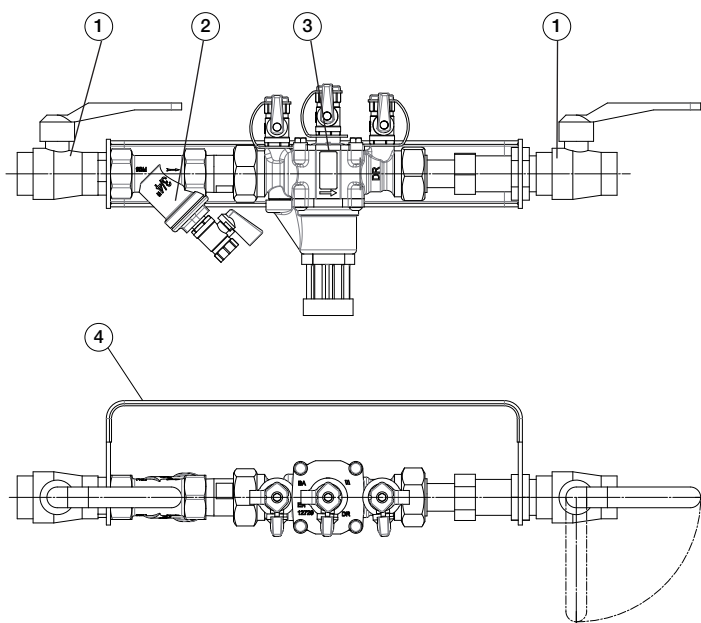
DN		PFA in bar	Ref	Weight Kg
"	mm			
1/2	15	10	<b>149B70006</b>	consult us
3/4	20	10	<b>149B70007</b>	3,2
1	25	10	<b>149B70008</b>	5,5
1 1/4	32	10	<b>149B70009</b>	8
1 1/2	40	10	<b>149B70010</b>	11,5
2	50	10	<b>149B70011</b>	16,5

### Technical features

Operating temperature	Maxi. 65 °C
Permissible operating pressure (PFA) -water-	10 bar
Connection	Female/female connection
Mediums	Clear liquids

### Nomenclature and materials

N°	Description	Materials
1	Ball valve	Brass chrome
2	Rinsing valve filter	Brass
3	Backflow preventer	Brass
4	Rail support	



## Approvals

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### Approvals BABM :



### Standards / regulation :

EN 1717 - EN12729

Thread connection according to EN ISO 228-1 / ISO 7.1

## Application

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The disconnecteur BABM preventers protect the drinking water network by interrupting the continuity of the supply, emptying and evacuating to waste in case of danger of water being turned back into the main pipeline.

## Installation

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### Directions for installation :

- Total accessibility
- non-submersible installation
- purge carefully all air from the installation (non polluted atmosphere ),
- the discharge valve must be able to cope with the discharge flow rate.
- protection against frost or extreme temperatures

## Maintenance

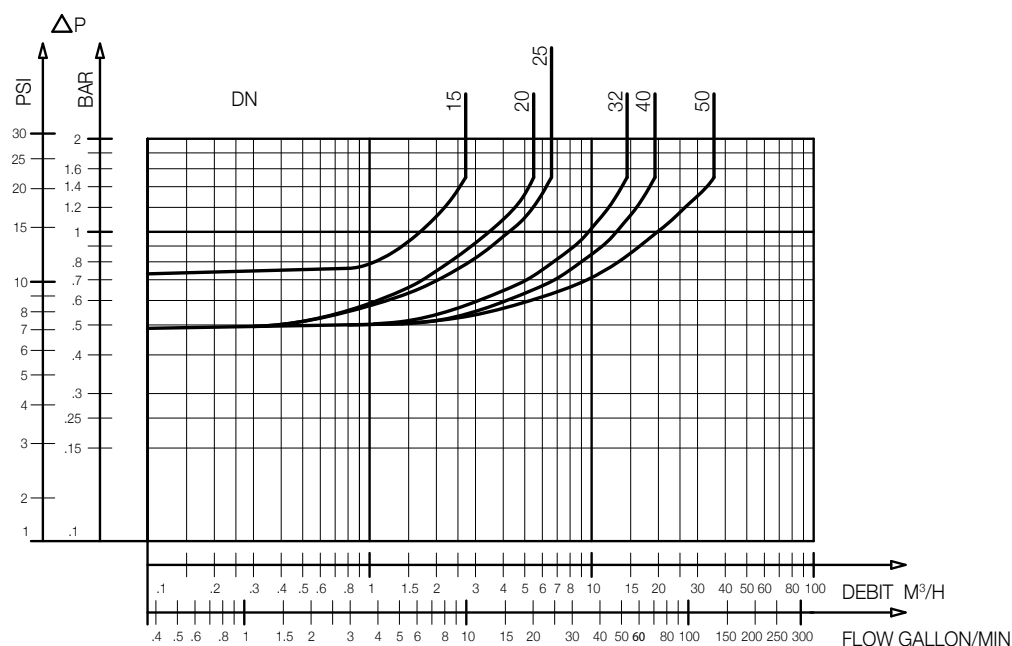
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- In accordance with antipollution standards and hygiene regulations, the user undergoes the following requirements :
  - . declaration of intention of installation, 2 months before doing the work.
  - . declaration of putting into service.
  - . annual performance check (maintenance), including the accessories which are part of the protection device ; the results are communicated to the health/water authorities.
- In the case of an upstream diversion in the area right in front of the RPZ, it is necessary to install a check valve between the diversion and the RPZ.
- Always manipulate the upstream valve slowly

# Operation

## Mode of operation :

- Continuous curve : Totally opened valve

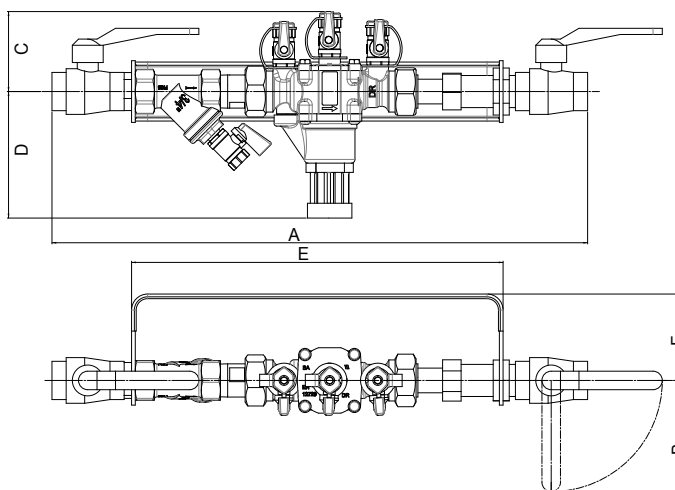


**BABM WITH SUPPORT - Headloss chart**

# Sizing

DN	A	B	C	D	E	F
mm	mm	mm	mm	mm	mm	mm
15	(1)	90	65,5	103	(1)	(1)
20	435	90	65,5	103	301	70
25	513	115	82	156	360	77
32	508	115	82	156	385	138
40	655	150	101	202,5	460	116
50	821	180	101	202,5	570	129

(1) Consult us



**SET OF PROTECTION WITH SUPPORT RAIL**

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