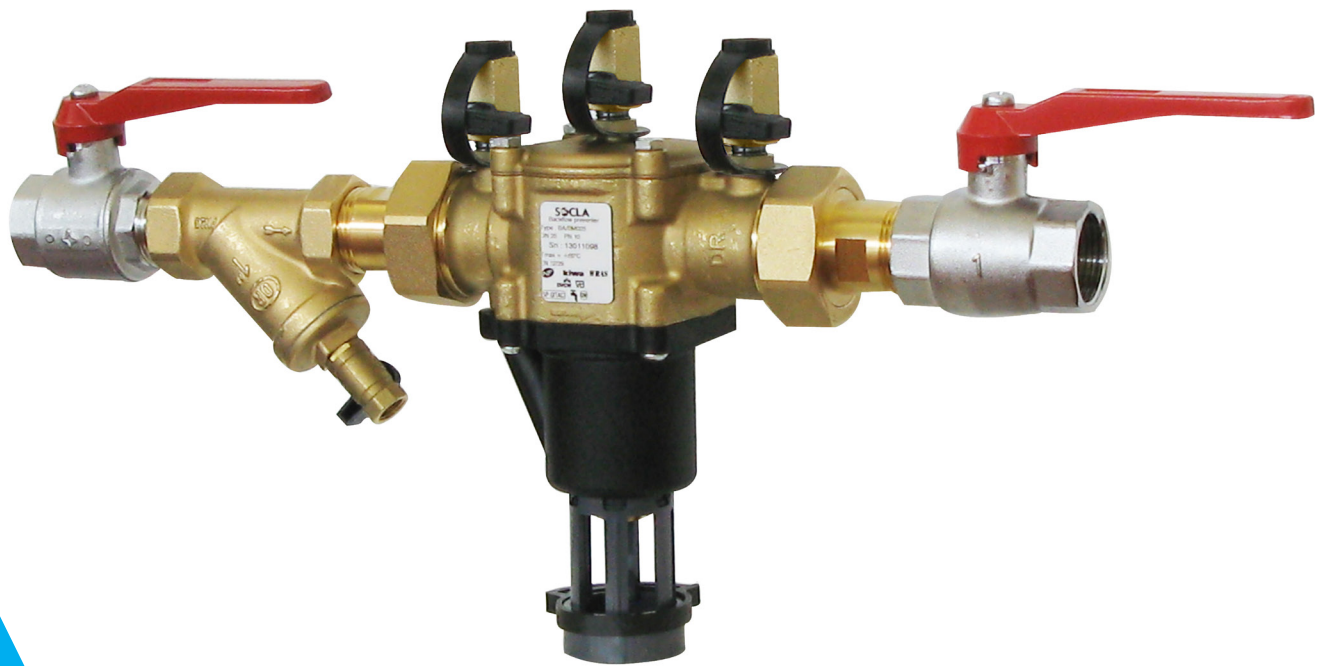


# SET OF PROTECTION WITHOUT SUPPORT RAIL

## Technical Data Sheet



## Description

The set is not assembly and composed of :

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



## SET OF PROTECTION WITHOUT SUPPORT RAIL

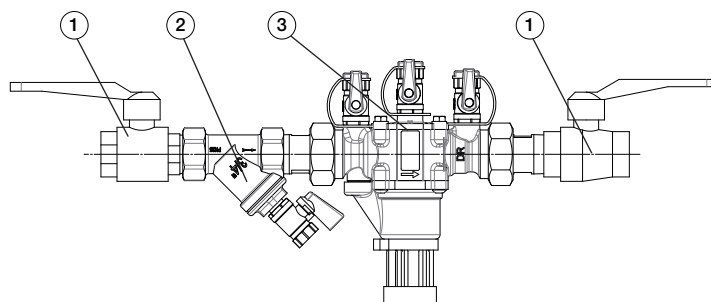
DN		PFA in bar	Ref	Weight Kg
"	mm			
1/2	15	10	<b>149B70012</b>	1,8
3/4	20	10	<b>149B70013</b>	2,2
1	25	10	<b>149B70014</b>	4,2
1 1/4	32	10	<b>149B70015</b>	5
1 1/2	40	10	<b>149B70016</b>	9,6
2	50	10	<b>149B70017</b>	11,5

### 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



## 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

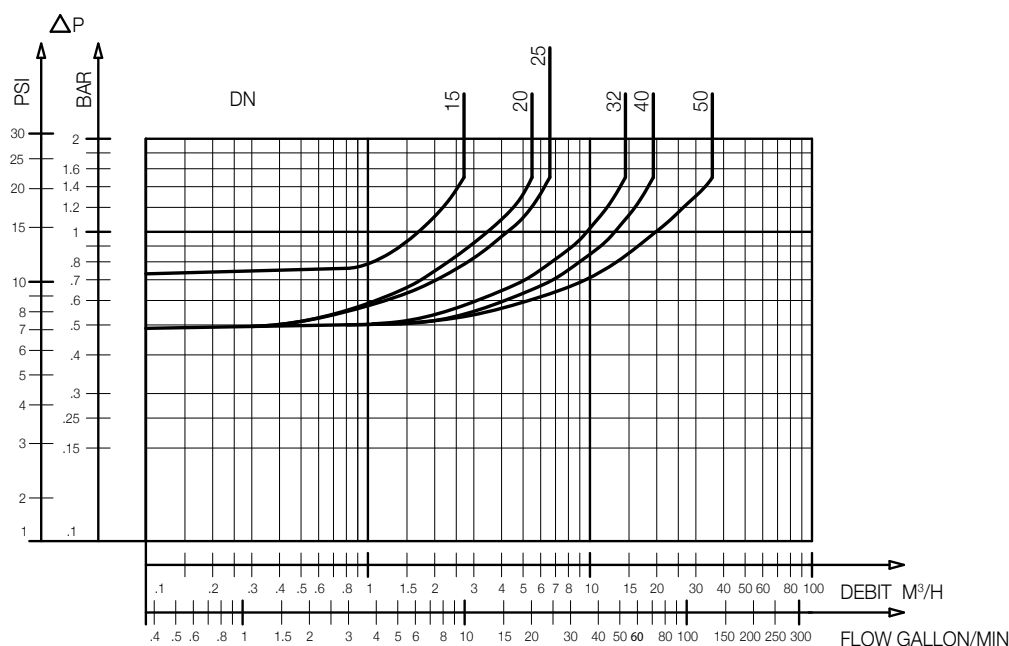
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- In accordance with antipollution standards and hygiene regulations, the user undergoes the following requirements :
  - . declaration of intention of installation, 2 months before doing the work.
  - . declaration of putting into service.
  - . annual 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 :

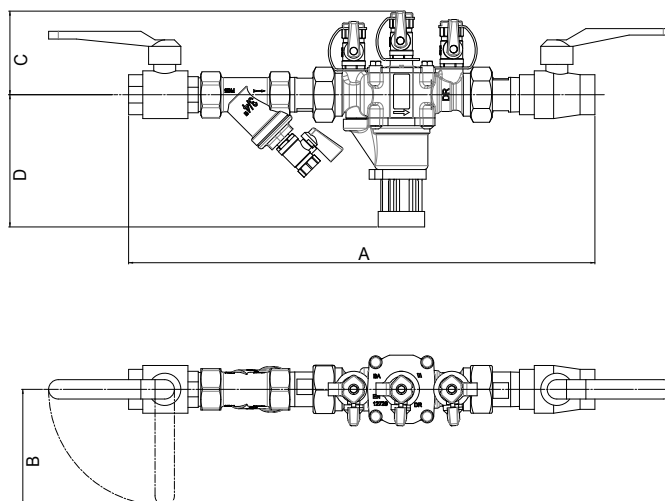
- Continuous curve : Totally opened valve



**BABM WITHOUT SUPPORT - Headloss chart**

# Sizing

DN	A	B	C	D
mm	mm	mm	mm	mm
15	355	90	65,5	103
20	362	90	65,5	103
25	455	115	82	156
32	495	115	82	156
40	610	150	101	202,5
50	677	180	101	202,5



**SET OF PROTECTION WITHOUT SUPPORT RAIL**

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ISO 9001 version 2015 / ISO 18001