

# Alfa Laval Manual Pressure Control Valve

## Regulating valves

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### Introduction

The Alfa Laval Manual Pressure Control Valve is a hygienic regulating valve that provides manual control of pressure and flow of the retentate in crossflow membrane filtration plants. Versatile and modular, the valve can be customized to match exact process requirements.

### Application

This pressure control valve is ideal for manual regulation of pressure and flow of the retentate in crossflow membrane filtration plants used in hygienic applications such as the dairy, food, beverage, brewery, personal care and many other industries.

### Benefits

- Hygienic regulating valve
- Straightforward, easy-to-use design
- Reliable and safe operation
- Large operating area, very low to high Kv values

### Standard design

The Alfa Laval Manual Pressure Control Valve consists of valve body, a valve guide and a valve stem. All materials comply with FDA regulations, and all product wetted parts are made of AISI 316L stainless steel. Please specify flow and pressure drop when placing your order.



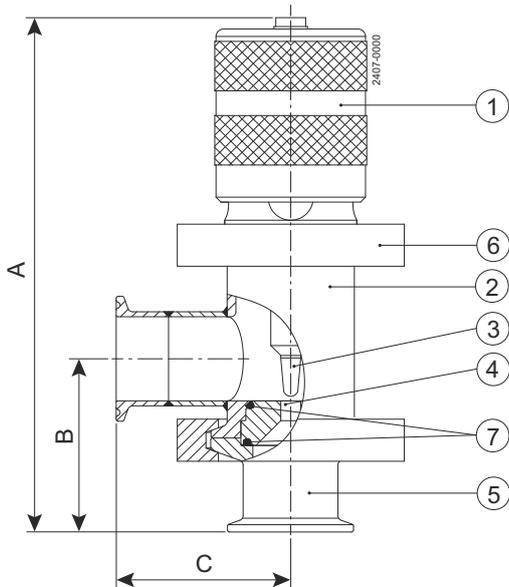
## TECHNICAL DATA

Max. flow rate:	20 m <sup>3</sup> /h
Max. working pressure:	64 bar (6.4 MPa)
Kv:	0.02-20
Turn down:	10

## PHYSICAL DATA

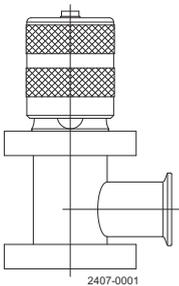
Inlet:	38 mm clamp ISO 2852 or 51 mm clamp ISO 2852
Outlet:	38 mm clamp ISO 2852
Weight:	3.6 kg

## Dimensions (mm)

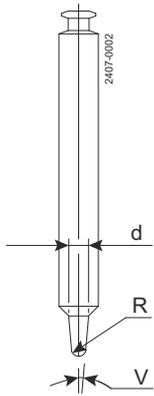


1. Control part
2. Valve housing
3. Spindle
4. Seat
5. Bottom piece
6. 51 mm clamp assembly
7. O-ring

A	B	C
230	70	70



**Control part**  
Code no. 103263



### Spindle

Code no. 103268

$d = \text{ø}8 \text{ mm}$

$V = 5^\circ$

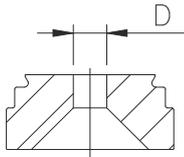
$R = 3 \text{ mm}$

Code no. 103266

$d = \text{ø}mm$

$V = ^\circ \text{ (angel)}$

$R = mm$



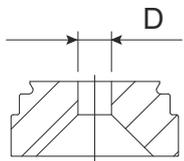
### Seat

Code no. 103269

$D = \text{ø}8 \text{ mm}$

Code no. 103267

$D = mm$



### Bottom piece

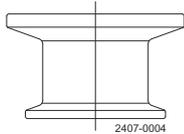
38 mm - Code no. 103264

51 mm - Code no. 103265

### Bottom piece with incorporated counter valve

38 mm - Code no. 103274

51 mm - Code no. 103275



### Order example

Manually controlled valve with  $\text{ø}51 \text{ mm}$  inlet.

Code numbers 103263, 103266, 103267, 103265. When ordering, please specify  $d$ ,  $D$ ,  $V$  and  $R$ .

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