

# 3/2-directional valve, pneumatically operated, Series AS2-SOV

- Compressed air connection G 1/4
- Pipe connection
- suitable for ATEX



## Version

## Sealing principle

## Certificates

## Working pressure min./max.

## Control pressure min./max.

## Ambient temperature min./max.

## Medium temperature min./max.

## Medium

## Weight

Poppet valve, Can be assembled into blocks

Soft sealing

suitable for ATEX

0 ... 16 bar

2,5 ... 16 bar

-10 ... 50 °C

-10 ... 50 °C

Compressed air Neutral gases

0,219 kg

## Technical data

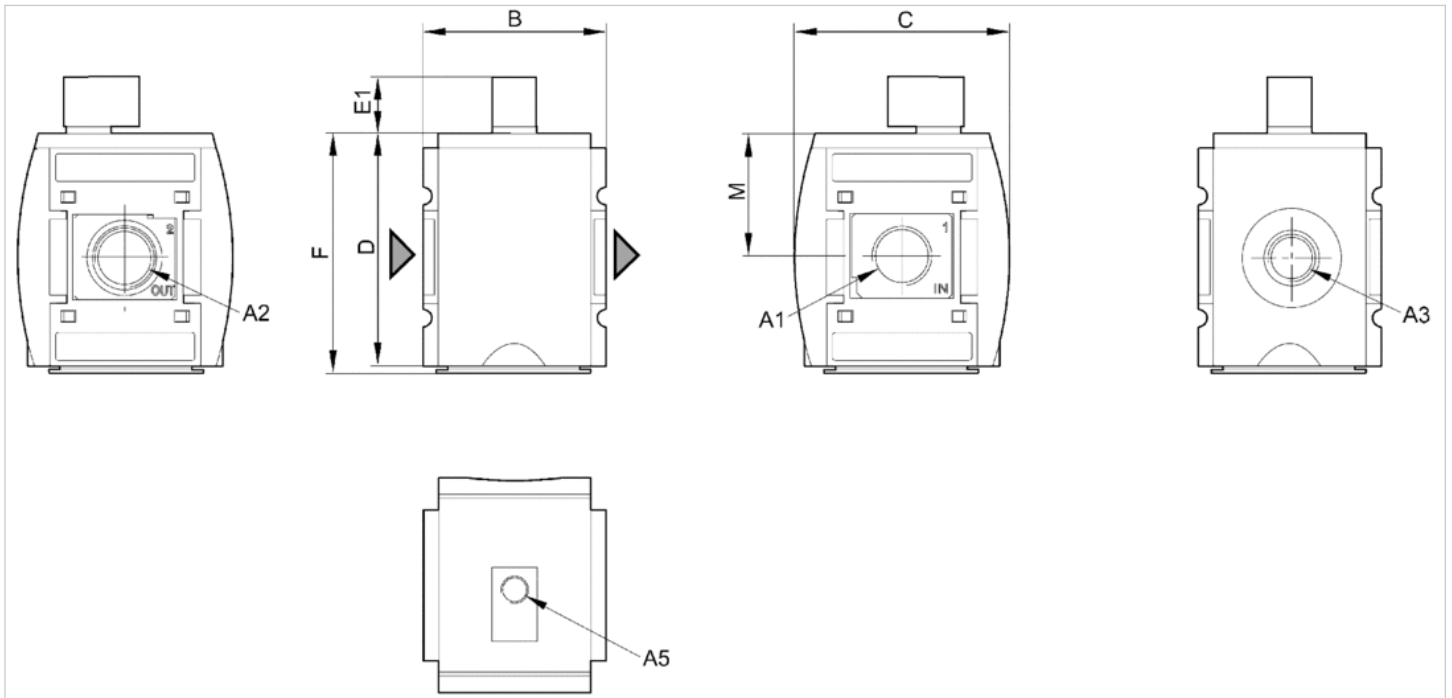
Part No.	Port	Pilot connection	Exhaust	Flow	Flow	Flow
				Qn	Qn 1→2	Qn 2→3
R412006262	G 1/4	G 1/8	G 1/4	2000 l/min	2000 l/min	380 l/min
R412006263	G 3/8	G 1/8	G 1/4	2000 l/min	2000 l/min	380 l/min

## Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc

## Dimensions

### Dimensions



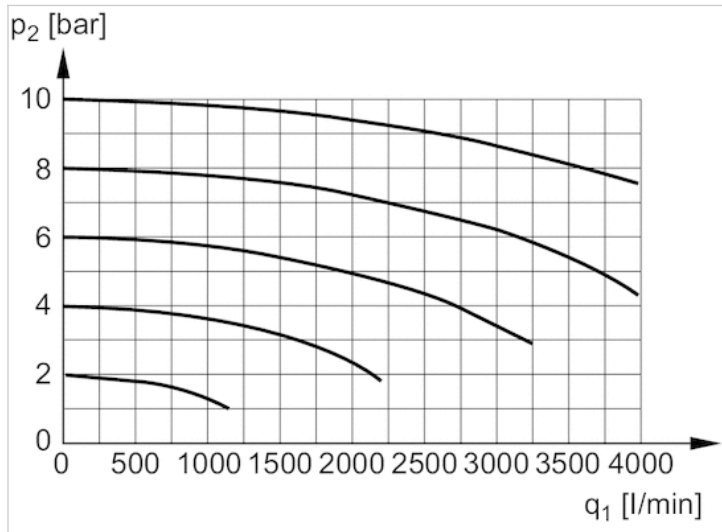
A1 = input  
A2 = output  
A3 = ventilation port  
A5 = control pressure connection

### Dimensions in mm

A1	A2	A3	A5	B	C	D	E1	F	M
G 1/4	G 1/4	G 1/4	G 1/8	52	59	65	17	67	34
G 3/8	G 3/8	G 1/4	G 1/8	52	59	65	17	67	34

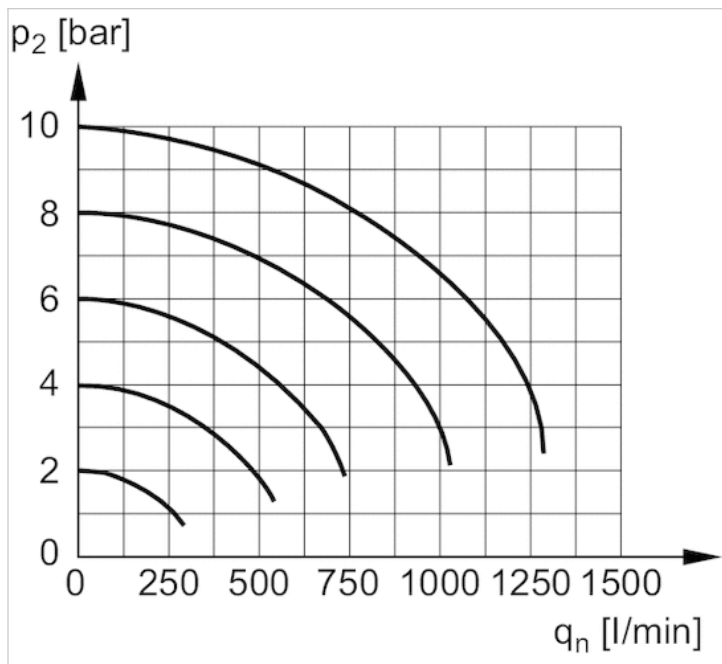
## Diagrams

### Flow rate characteristic



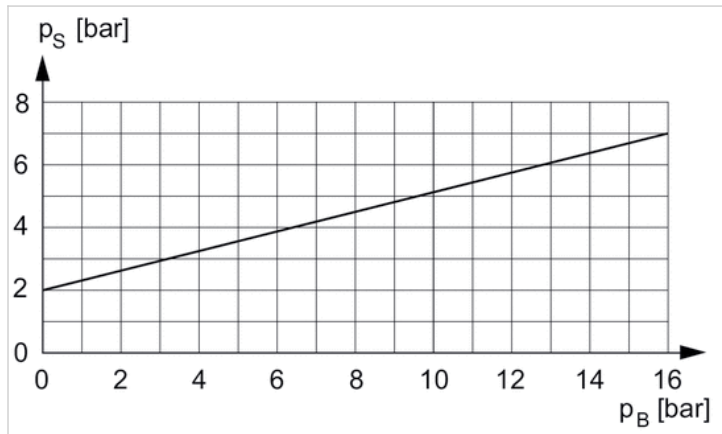
p<sub>2</sub> = secondary pressure  
q<sub>n</sub> = nominal flow

### Rear exhaust



p<sub>2</sub> = secondary pressure  
q<sub>n</sub> = nominal flow

### control pressure characteristic



minimum pilot pressure depending on working pressure  
PS = control pressure  
P= Working pressure