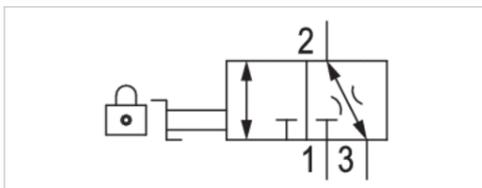


# 3/2-shut-off valve, mechanically operated, Series AS2-BAV

- Qn 1►2 = 2000 l/min
- Qn 2►3 = 380 l/min
- Compressed air connection output G 1/4 G 3/8
- suitable for ATEX



Type	Poppet valve
Activation	Mechanical
Lock type	lockable
Actuating element	rotary switch
Sealing principle	Soft sealing
Certificates	suitable for ATEX
Working pressure min./max.	0 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Max. particle size	25 µm
Weight	0,206 kg



## Technical data

Part No.	Compressed air connection type	Compressed air connection Input	Compressed air connection Output
R412006260	Internal thread	G 1/4	G 1/4
R412006256	Internal thread	G 1/4	G 1/4
R412006261	Internal thread	G 3/8	G 3/8
R412006257	Internal thread	G 3/8	G 3/8

Part No.	Compressed air connection Exhaust	Flow	Flow	Lock type	Locking base
		Qn 1 ► 2	Qn 2 ► 3		
R412006260	G 1/4	2000 l/min	380 l/min	for padlocks	Polyoxymethylene
R412006256	G 1/4	2000 l/min	380 l/min	for padlocks	Steel galvanized
R412006261	G 1/4	2000 l/min	380 l/min	for padlocks	Polyoxymethylene
R412006257	G 1/4	2000 l/min	380 l/min	for padlocks	Steel galvanized

Part No.	Fig.
R412006260	Fig. 1
R412006256	Fig. 1
R412006261	Fig. 2
R412006257	Fig. 2

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

Suitable for use in Ex zones 1, 2, 21, 22.

## Technical information

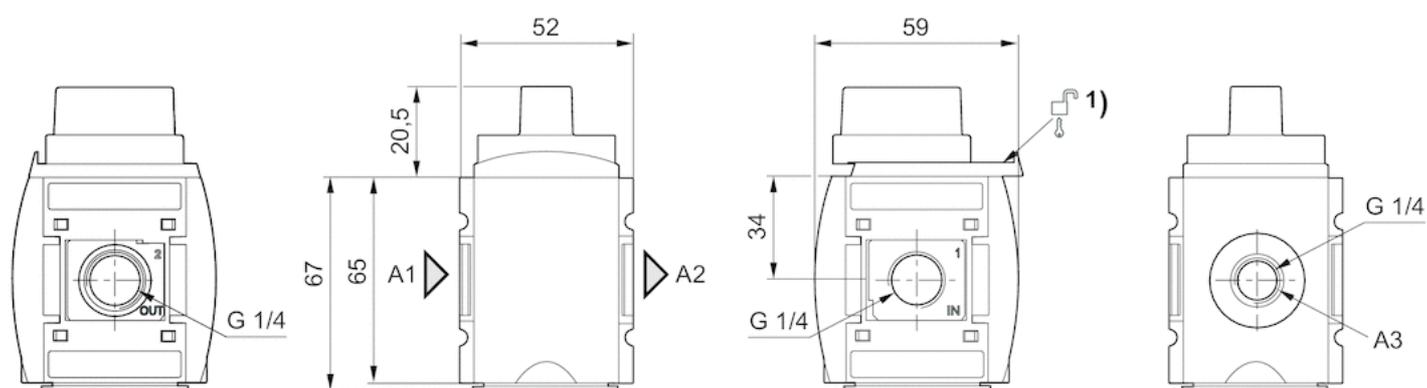
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .  
 A short silencer is required for wall mounting (see accessories e.g. R412004817).  
 Suitable for use in Ex zones 1, 2, 21, 22.

## Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Actuating element	Polyoxymethylene
Locking base	Polyoxymethylene Steel, galvanized

## Dimensions

Dimensions in mm, Fig. 1



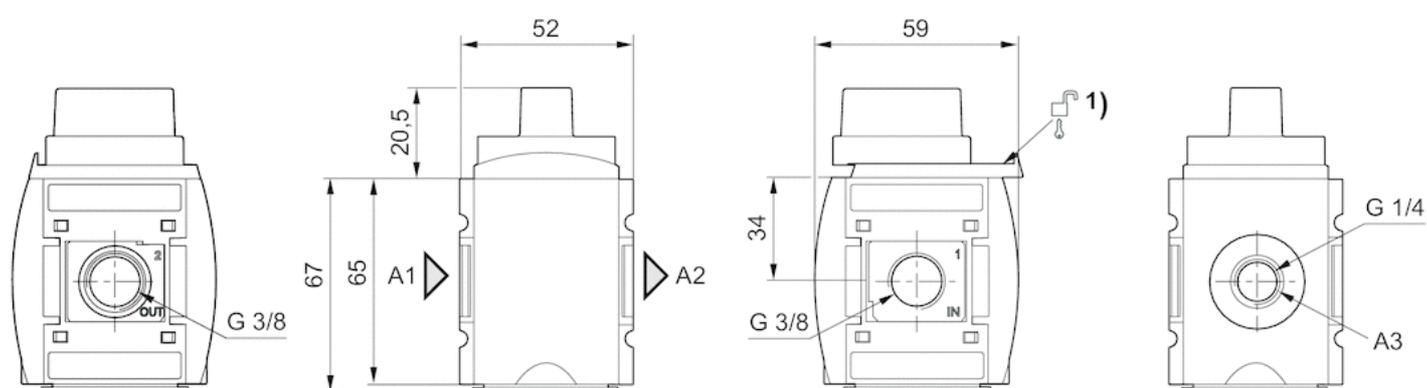
A1 = input

A2 = output

A3 = ventilation port

1) Mounting option for padlocks, max. shackle  $\varnothing$  8

## Dimensions in mm, Fig. 2



A1 = input

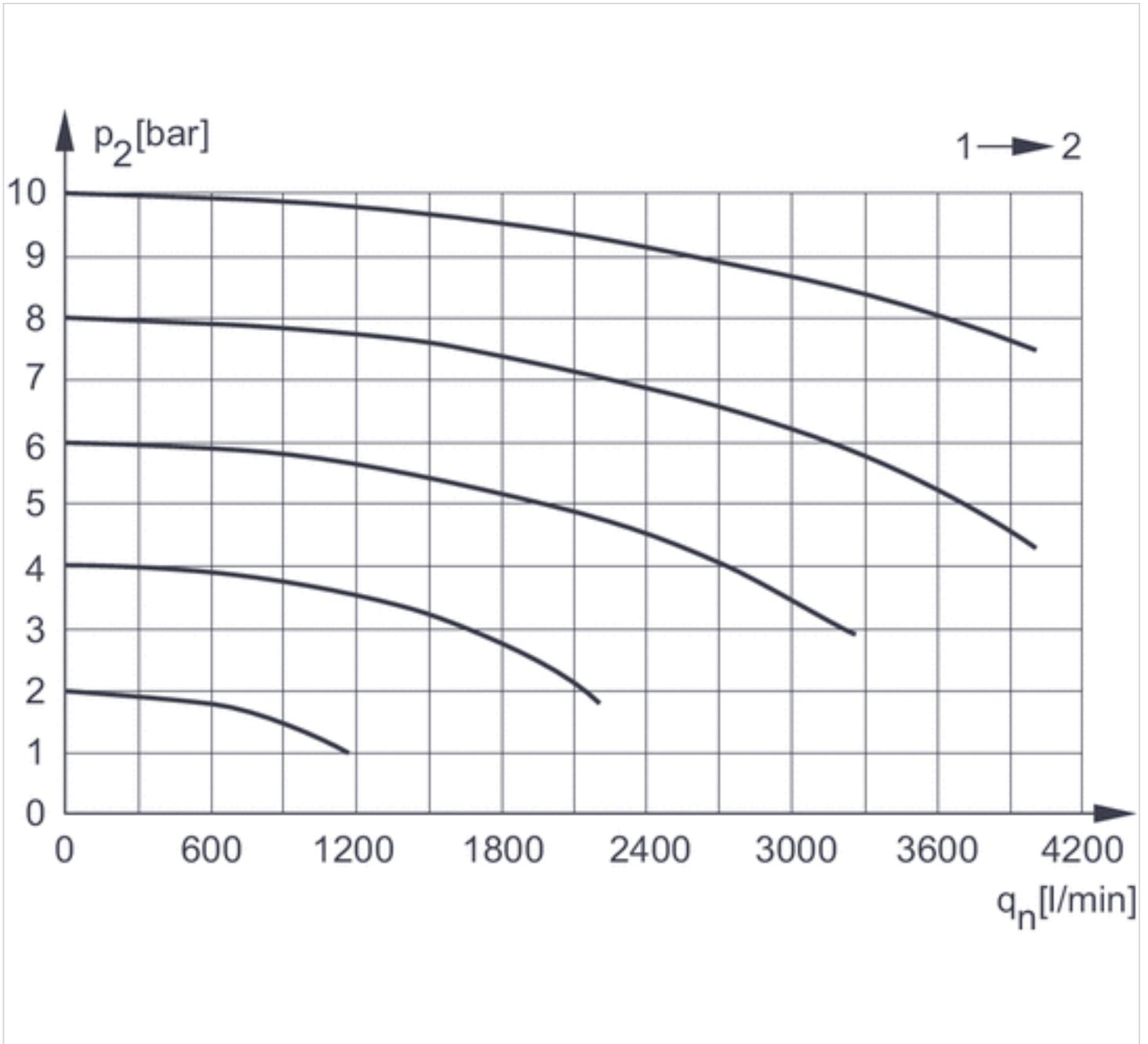
A2 = output

A3 = ventilation port

1) Mounting option for padlocks, max. shackle Ø 8

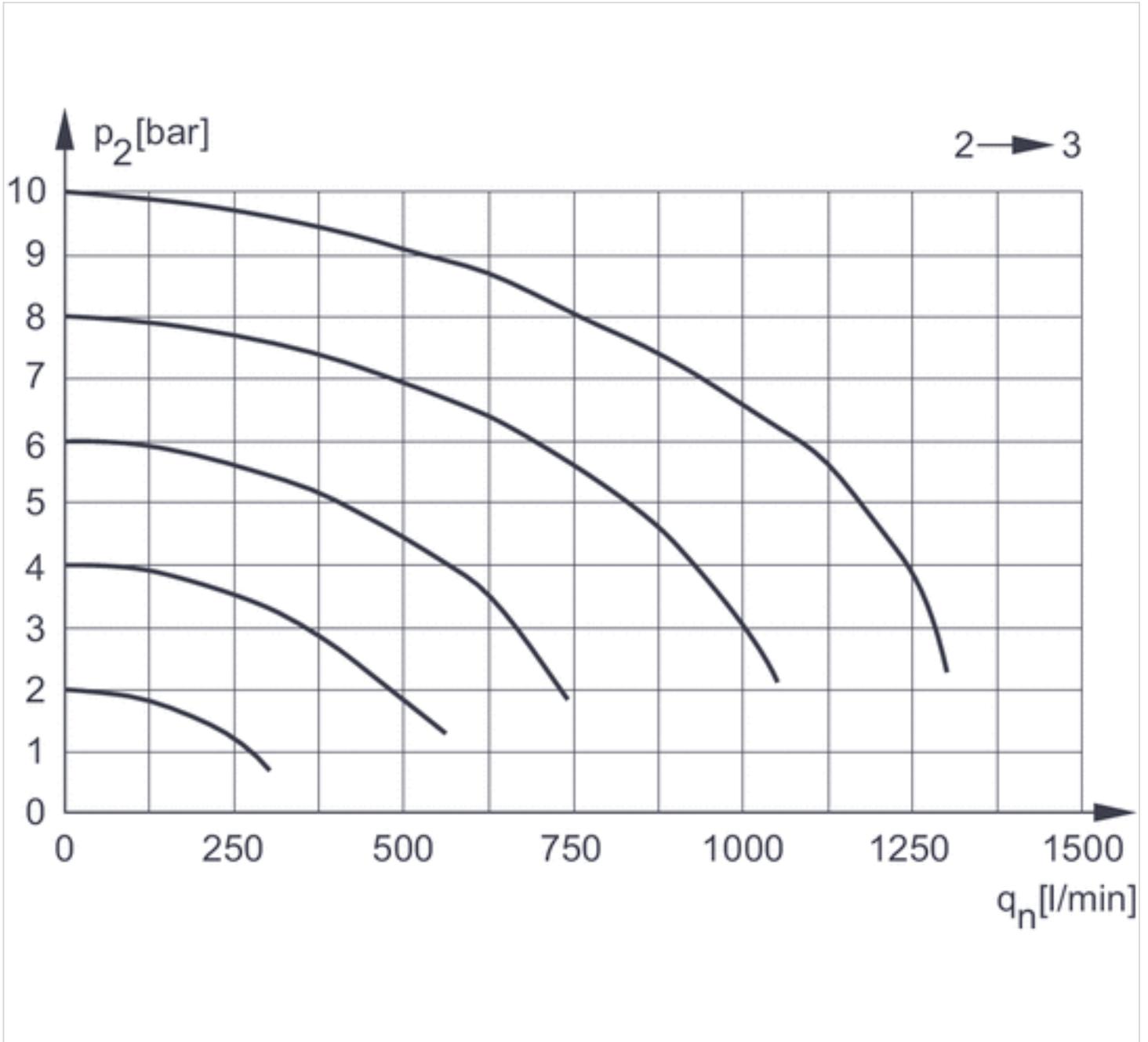
# Diagrams

## Flow rate characteristic



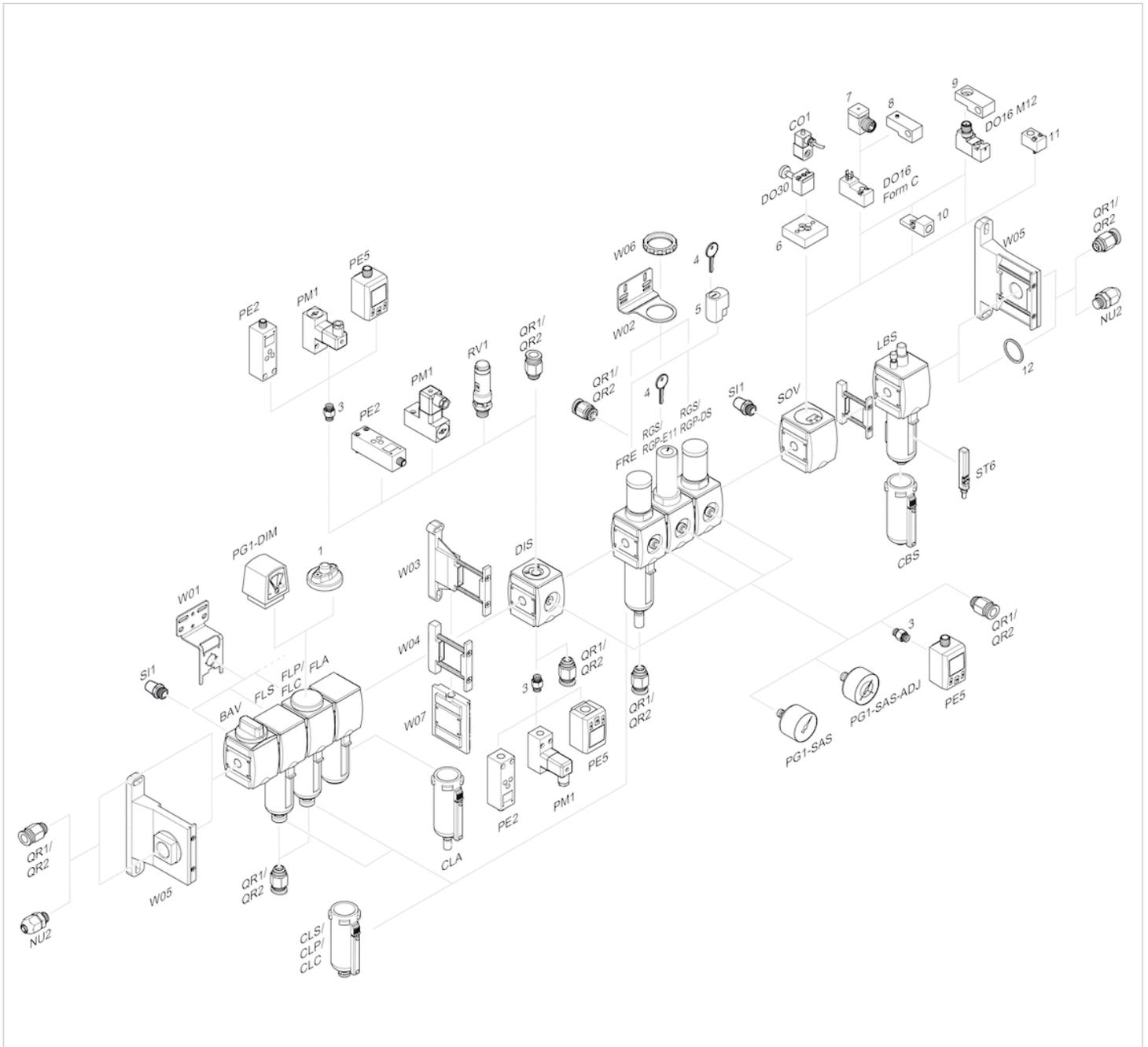
$p_2$  = secondary pressure  
 $q_n$  = nominal flow

Rear exhaust



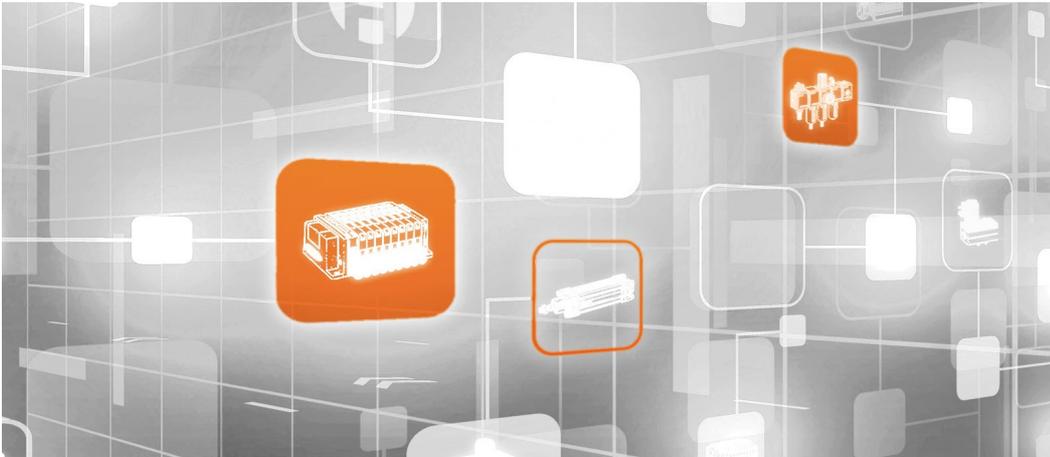
$p_2$  = secondary pressure  
 $q_n$  = nominal flow

# Accessories overview



- 1 = contamination display
- 3 = Double nipple
- 4 = Key for E11 locking
- 5 = mortise lock
- 6 = Transition plate DO30
- 7 = Adapter, Series CON-VP
- 8 = Mounting aid DO16, form C
- 9 = Mounting aid DO16, M12
- 10 = Adapter for external pilot air
- 11 = Adapter pneumatic operation
- 12 = Sealing ring

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