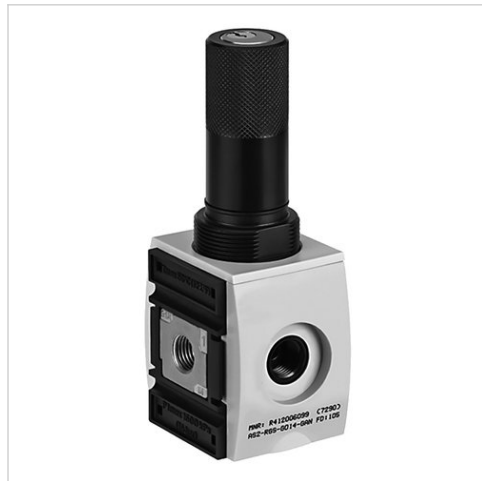
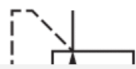


# Pressure regulator, Series AS2-RGS-...-E11

- G 1/4
- Qn = 2200 l/min
- Standard pressure regulator
- Activation Mechanical
- lockable
- with E11 locking



Parts	Pressure regulator
Mounting orientation	Any
Working pressure min./max.	0,5 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Regulator type	Diaphragm-type pressure regulator Can be assembled into blocks with relieving air exhaust
Regulator function	
Adjustment range min./max.	0,5 ... 10 bar
Lock type	with E11 locking
Pressure supply	single
Activation	Mechanical
Weight	0,248 kg



## Technical data

Part No.	Port	Flow
		Qn
R412006099	G 1/4	2200 l/min

## Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

The E11 locking is delivered without a key (see accessories for keys).

The rear pressure gauge connection on the pressure regulator is closed with a blanking plug, the front connection is open. Depending on the customer application, a second blanking plug may be necessary. Please order separately (see accessories).

A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Relieving exhaust ( $\leq 0.3$  bar over set pressure)

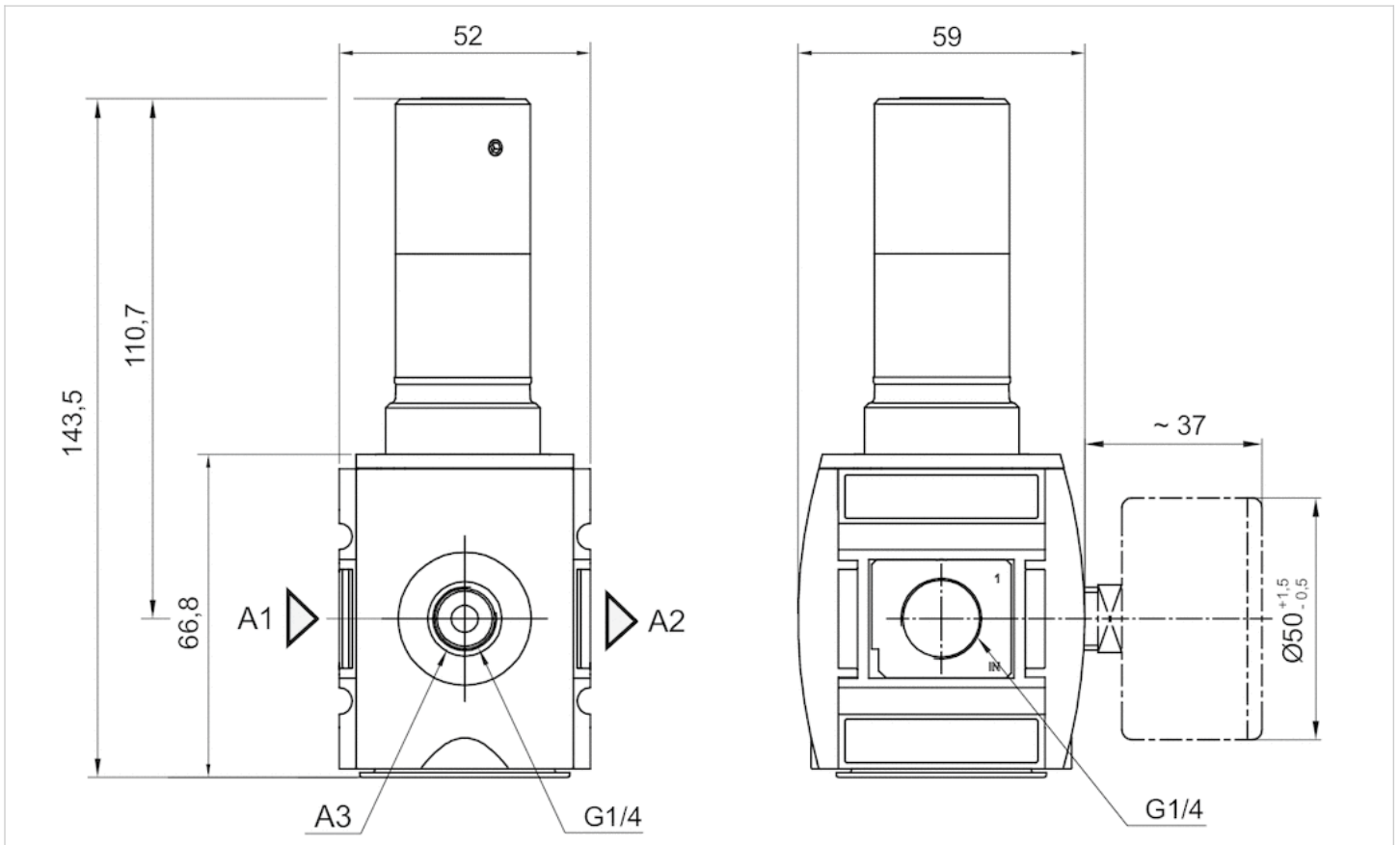
With rear exhaust ( $> 3$  bar )

## Technical information

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

## Dimensions

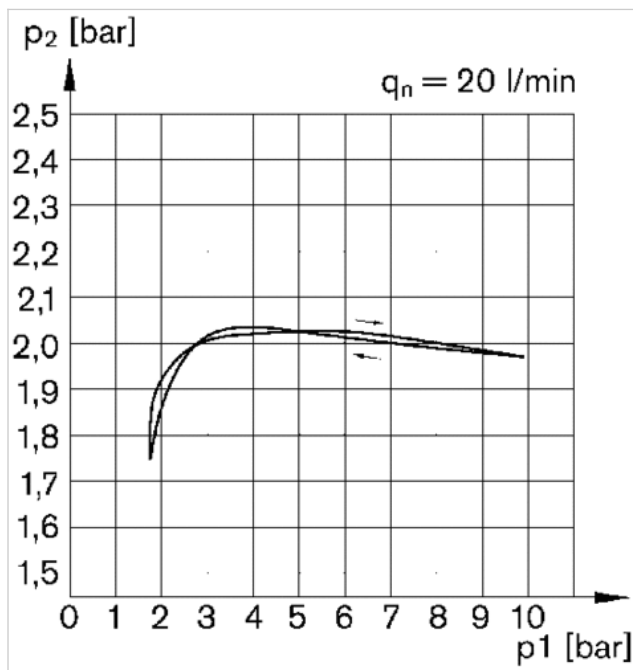
### Dimensions



A1 = input  
 A2 = output  
 A3 = pressure gauge connection

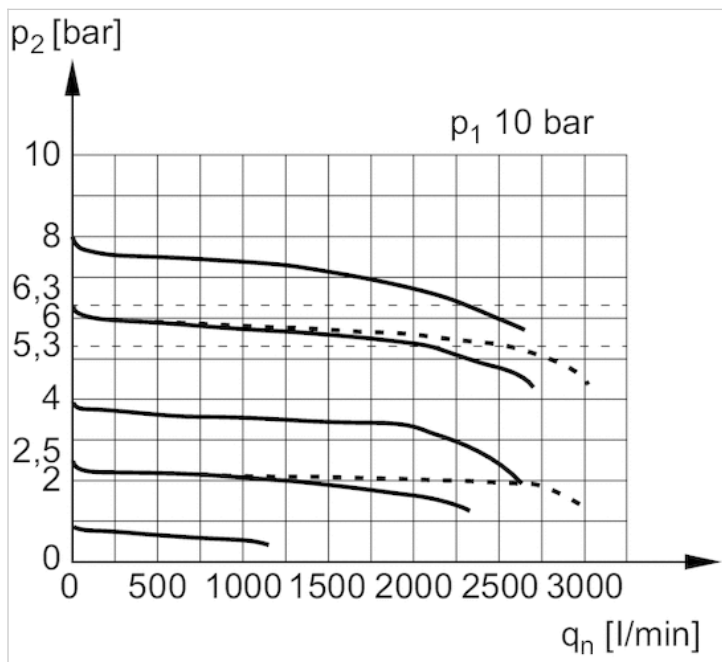
## Diagrams

### Pressure characteristics curve Standard version



$p_1$  = Working pressure  $p_2$  = Secondary pressure  $q_n$  = Nominal flow

### Flow rate characteristic ( $p_2$ : 0.5 - 8 bar)



$p_1$  = Working pressure  $p_2$  = Secondary pressure  $q_n$  = Nominal flow