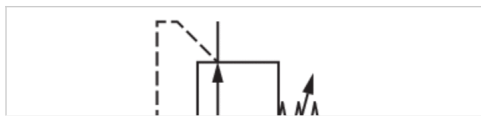


Pressure regulator, Series AS5-RGS-...-E11

- G 1
- Qn = 14500 l/min
- Standard pressure regulator
- Activation Mechanical
- lockable
- with E11 locking



Parts	Pressure regulator
Mounting orientation	Any
Working pressure min./max.	See table
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	See table
Adjustment range min./max.	with E11 locking
Lock type	single
Pressure supply	Mechanical
Activation	
Internal air consumption q max.	1,5 l/min
Weight	0,905 kg

Technical data

Part No.	Port	Flow	Working pressure min./max.	Adjustment range min./max.
		Qn		
R412009099	G 1	14500 l/min	0,5 ... 16 bar	0,5 ... 10 bar
R412009158	G 1	14500 l/min	0,2 ... 16 bar	0,2 ... 4 bar

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 (≤ 0.3 bar over set pressure)

With rear exhaust (> 3 bar)

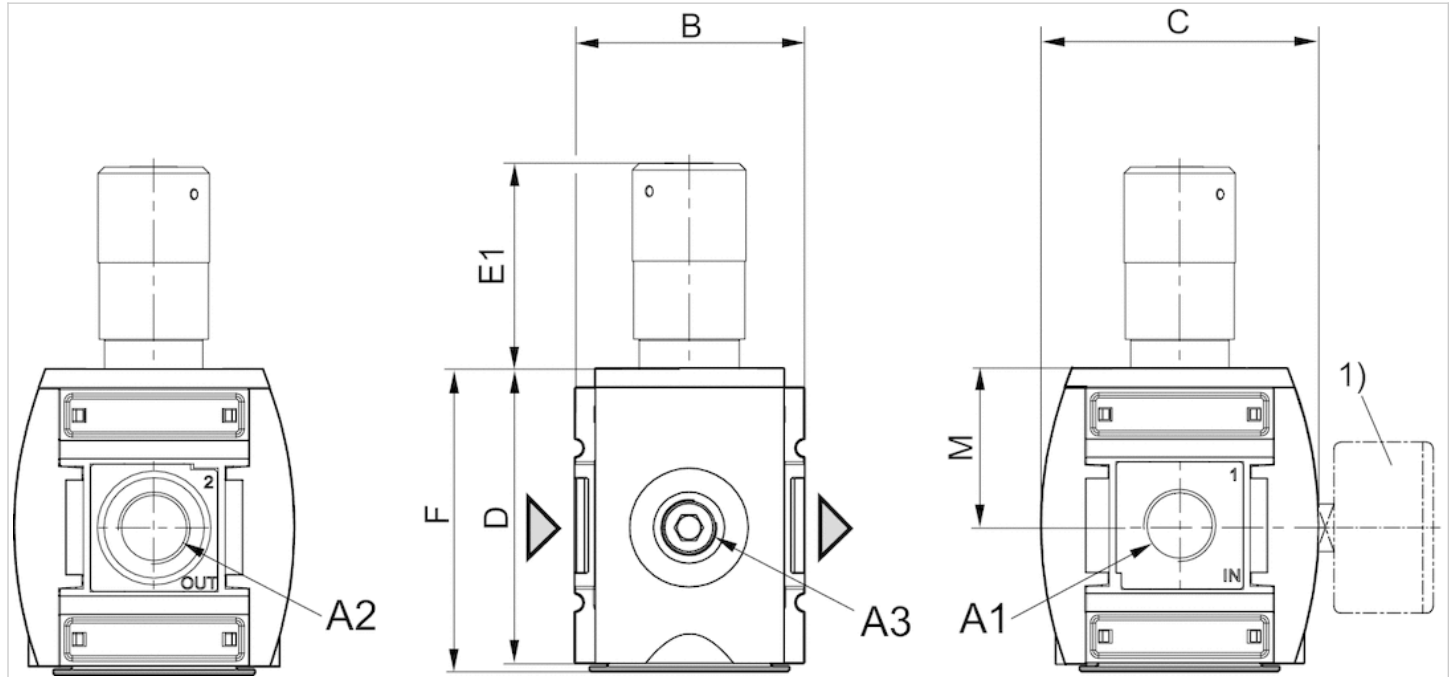
Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene

Material	
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc

Dimensions

Dimensions



A1 = input A2 = output A3 = pressure gauge connection

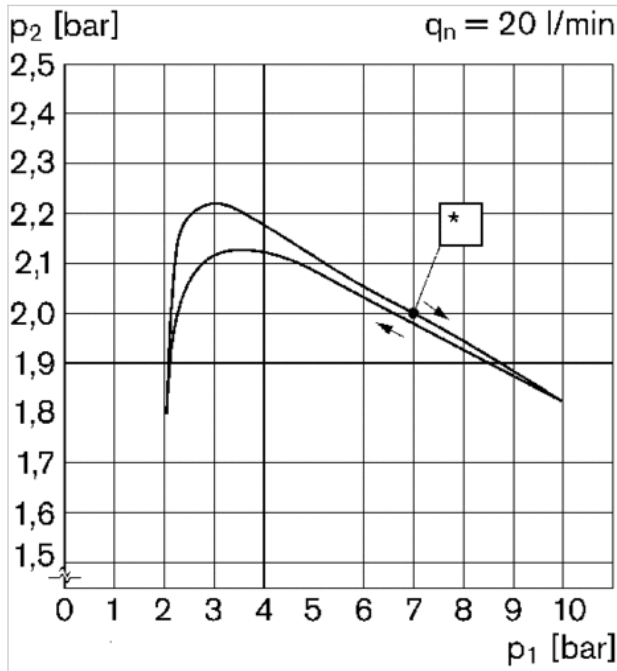
1) Order pressure gauge separately

Dimensions in mm

A1	A2	A3	B	C	D	E1	F	M
G 1	G 1	G 1/4	85	103	109	90	112	58
G 1	G 1	G 1/4	85	103	109	90	112	58

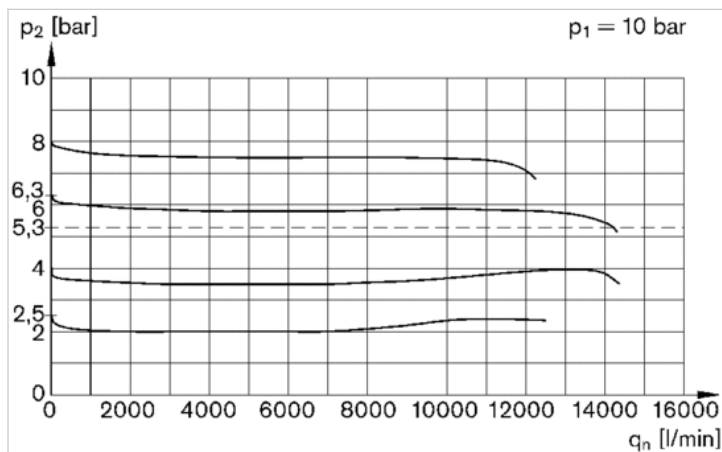
Diagrams

Pressure characteristics curve



p_1 = working pressure
 p_2 = secondary pressure
 q_n = nominal flow
 * starting point

Flow rate characteristic (setting range p_2 : 0.5 - 8 bar)



p_1 = working pressure
 p_2 = secondary pressure
 q_n = nominal flow