

Precision pressure regulator, Series AS3-RGP-...-E11

- G 1/2
- Qn = 5000 l/min
- Precision pressure regulator
- Activation Mechanical
- lockable
- with E11 locking



| | |
|---------------------------------|---|
| Parts | Precision pressure regulator |
| Mounting orientation | Any |
| Working pressure min./max. | 0,2 ... 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. | 0,2 ... 4 bar |
| Lock type | with E11 locking |
| Pressure supply | single |
| Activation | Mechanical |
| Internal air consumption q max. | 2,6 l/min |
| Weight | 0,528 kg |



Technical data

| Part No. | Port | Flow |
|------------|-------|------------|
| | | Qn |
| R412007158 | G 1/2 | 5000 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 .

Recommended pre-filter: 5 µm

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).

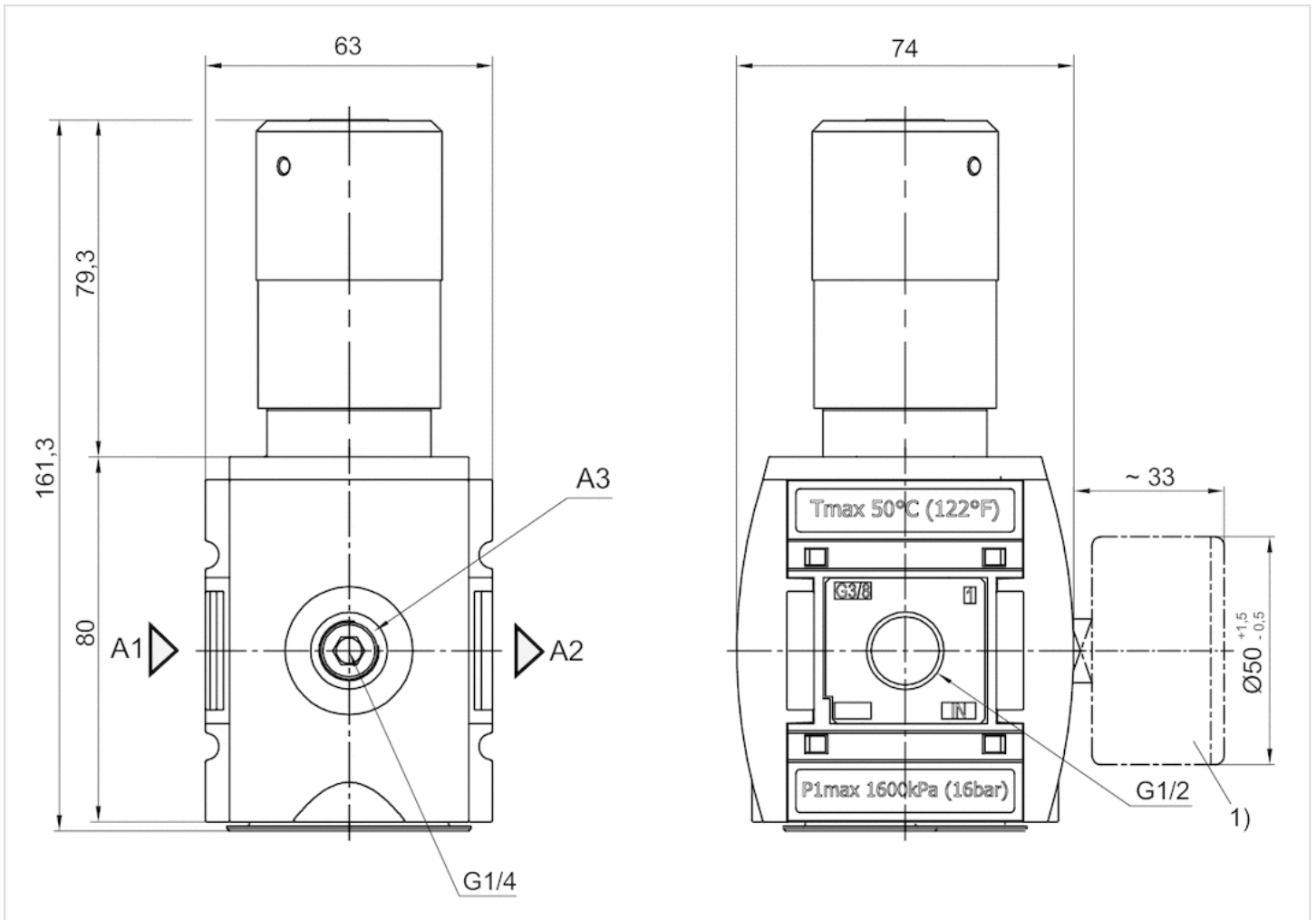
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Technical information

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

Dimensions

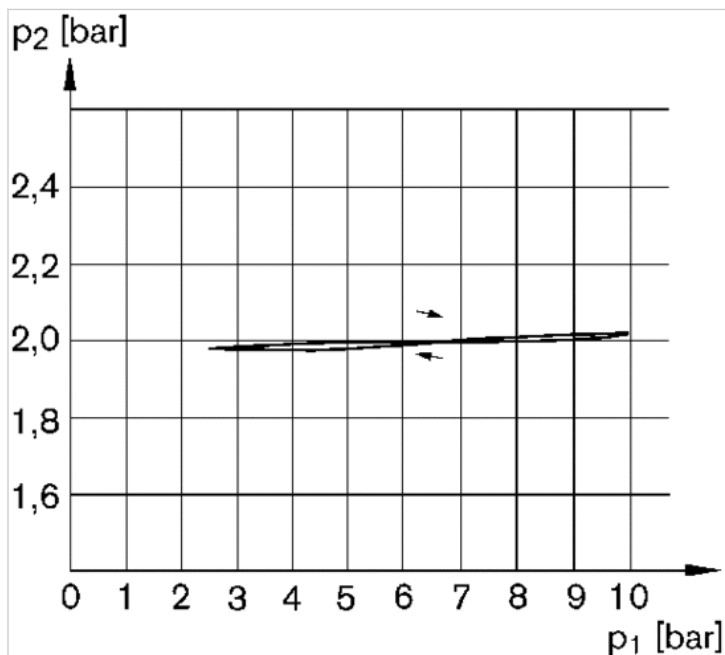
Dimensions



1) Order pressure gauge separately

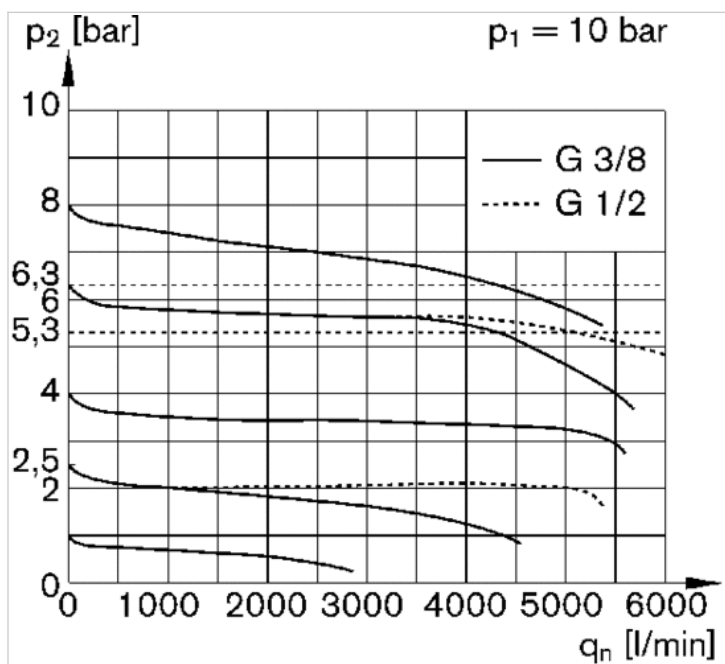
Diagrams

Pressure characteristics curve



p1 = working pressure
p2 = secondary pressure

Flow rate characteristic (p2: 0.5 - 8 bar)



p1 = Working pressure p2 = Secondary pressure qn = Nominal flow