

Preparation of compressed air → Maintenance units and components

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

► G 1/2 ► Qn=5000 l/min ► Activation: mechanical ► lockable ► With E11 locking

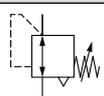


00015815

Mounting orientation	Any
Working pressure min./max.	-- / 16 bar
Medium	Compressed air
Medium temperature min./max.	-10 °C / +50 °C
Ambient temperature min./max.	-10 °C / +50 °C
Regulator type	Diaphragm-type pressure regulator, Can be assembled into blocks with relieving air exhaust
Regulator function	single
Pressure supply	single
Max. Internal air consumption	2.6 l/min
Materials:	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber

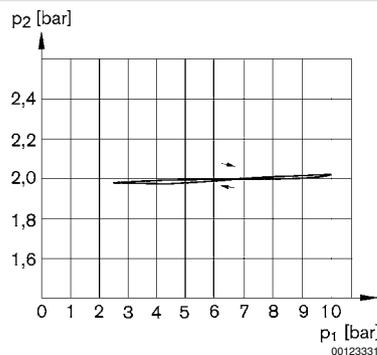
Technical Remarks

- 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.

	Port	Qn	Adjustment range min. - max..	Weight	Part No.
		[l/min]	[bar]	[kg]	
	G 1/2	5000	0.2 - 4	0.528	R412007158

Nominal flow Qn at p1 = 6.3 bar and Δp = 1 bar
Order pressure gauge separately

Pressure characteristics curve



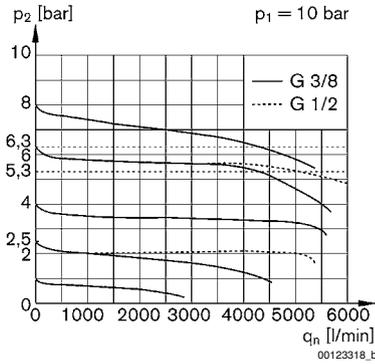
p1 = working pressure
p2 = secondary pressure

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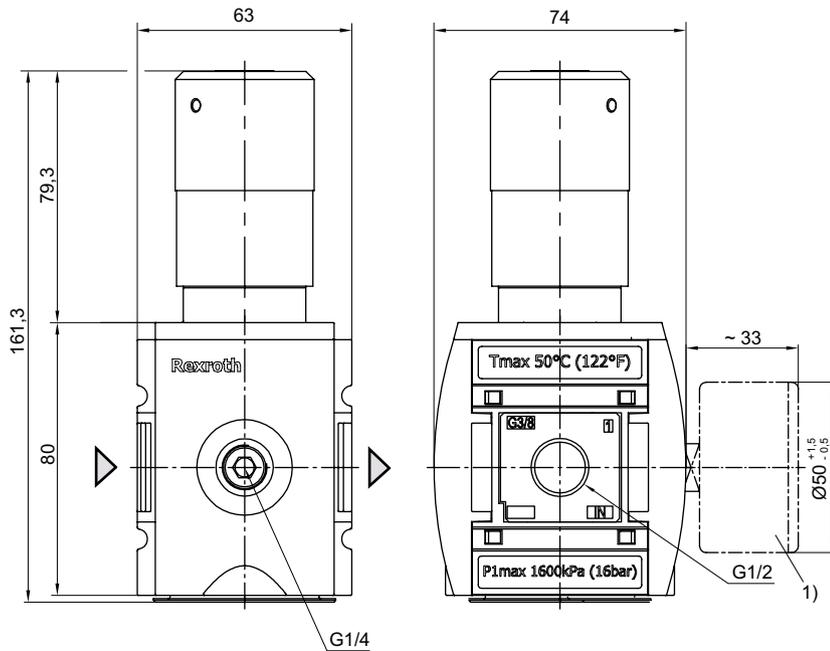
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Flow rate characteristic (p₂: 0,5 - 8 bar)



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

Dimensions



1) Order pressure gauge separately