

## 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 Neutral gases
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
Regulator function	with relieving air exhaust
Pressure supply	single
Max. Internal air consumption	2.6 l/min
Materials:	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber

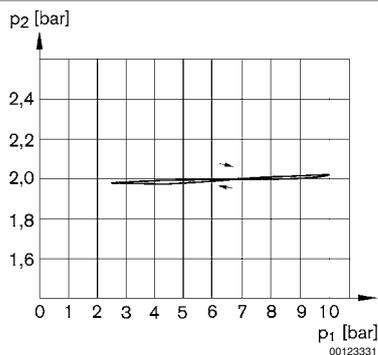
#### Technical Remarks

- 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 (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).

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

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

#### Pressure characteristics curve

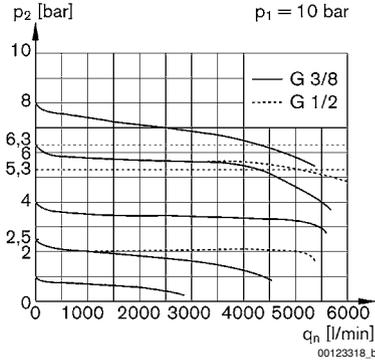


p1 = working pressure  
p2 = secondary pressure

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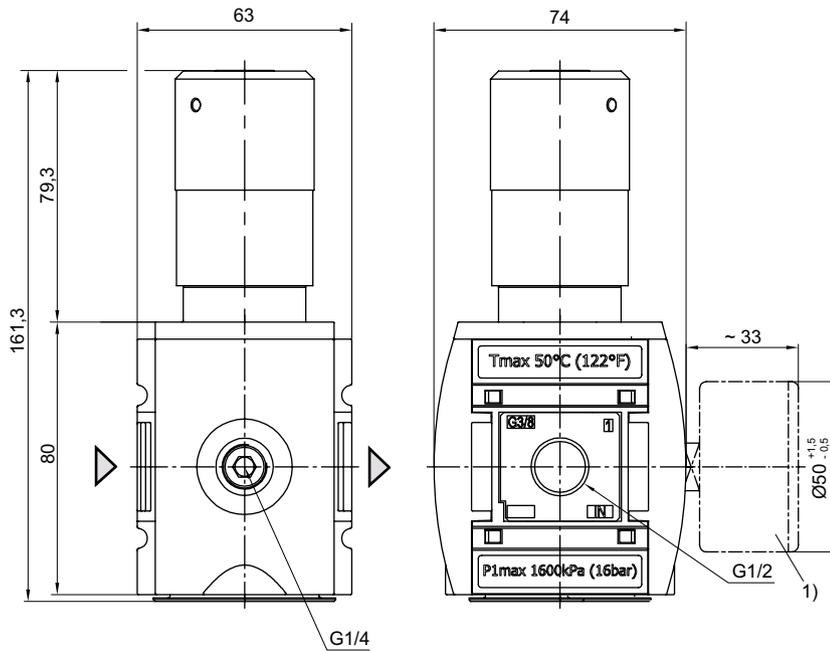
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Flow rate characteristic (p2: 0,5 - 8 bar)



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

Dimensions



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1) Order pressure gauge separately