

Preparation of compressed air ► Supplementary products

Pressure regulator, Series NL2-RGS

► G 1/4 ► Qn=2000 l/min ► Activation: mechanical ► with pressure gauge in hand wheel



00106895

Mounting orientation	Any
Working pressure min./max.	0.5 bar / 16 bar
Medium	Compressed air Neutral gases
Medium temperature min./max.	-10°C / +60°C
Ambient temperature min./max.	-10°C / +60°C
Regulator type	Diaphragm-type pressure regulator, Can be assembled into blocks
Regulator function	with relieving air exhaust (> 3 bar)
Adjustment range min./max.	See table below
Pressure supply	single
Materials:	
Housing	Die cast zinc
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber

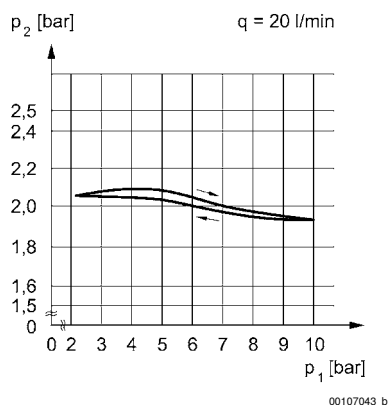
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Recommended pre-filtering: 5 µm

		Port	Qn	Adjustment range min. - max..	Weight	Part No.
			[l/min]	[bar]	[kg]	
		G 1/4	2000	0.1 - 3	0.4	0821302557
				0.2 - 6		0821302559
				0.5 - 10		0821302558

Nominal flow Qn with secondary pressure 6 bar at $\Delta p = 1$ bar

Pressure characteristics curve

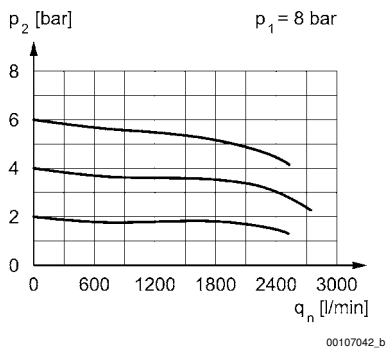


p1 = working pressure; p2 = secondary pressure; q = flow rate

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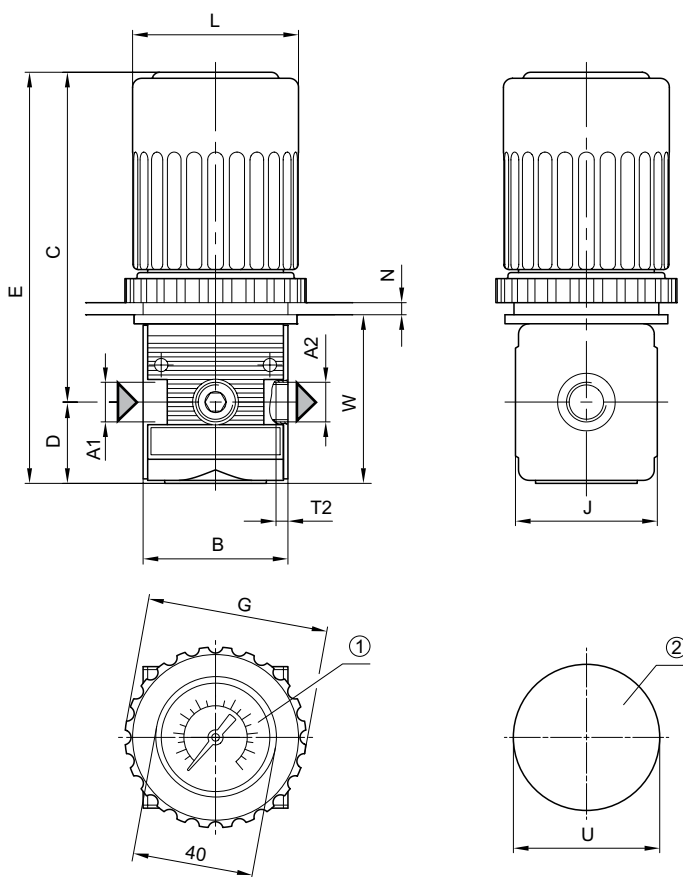
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Flow rate characteristic (setting range p₂: 0.5 - 10 bar)



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

Dimensions



- 1) pressure gauge Ø 40
2) opening for control panel assembly
Panel nut included in scope of delivery

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A1	A2	B	C	D	E	G	J	L	N	T2	U	W	
G 1/4	G 1/4	48	107	26	133	60	47	54	4	9.5	48.5	52	