

Preparation of compressed air → Maintenance units and components

Pressure regulator, Series AS5-RGS

► G 3/4 - G 1 ► Qn = 14500 l/min ► Activation : mechanical ► lockable



00119787

Regulator type

Function

Lock type

Installation location

Pressure supply

Ambient temperature min./max.

Medium temperature min./max.

Working pressure min./max.

Adjustment range min./max.

Medium

max. Internal air consumption

Diaphragm-type pressure regulator, Can be assembled into blocks

with relieving air exhaust

with padlock

Any

single

-10 °C / +50 °C

-10 °C / +50 °C

See table below

See table below

Compressed air

1.5 l/min

Materials:

Housing

Cover

Seal

Polyamide

Acrylonitrile butadiene styrene

Acrylonitrile Butadiene Rubber

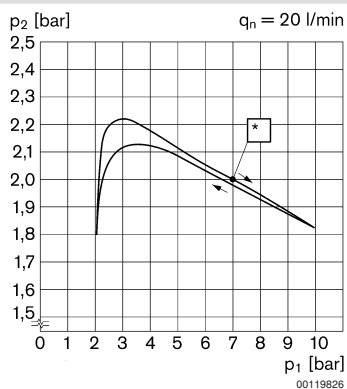
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.

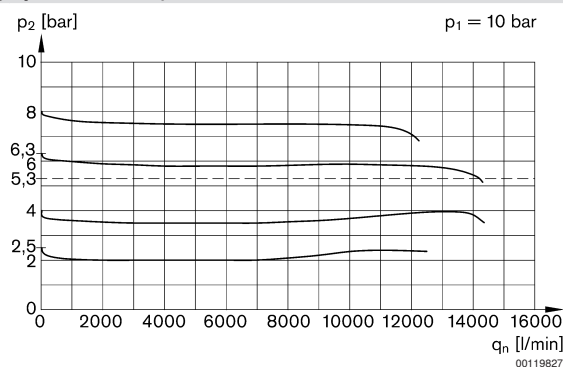
		Port	Qn	Working pressure min./max.	Adjustment range min. - max..	Weight	Part No.
			[l/min]	[bar]	[bar]	[kg]	
		G 3/4	14500	0.1 / 16	0.1 - 1	0.997	R412009101
		G 3/4		0.1 / 16	0.1 - 2		R412009103
		G 3/4		0.2 / 16	0.2 - 4		R412009105
		G 3/4		0.5 / 16	0.5 - 8		R412009107
		G 3/4		0.5 / 16	0.5 - 10		R412009109
		G 3/4		0.5 / 16	0.5 - 16		R412009111
		G 1		0.1 / 16	0.1 - 1		R412009113
		G 1		0.1 / 16	0.1 - 2		R412009115
		G 1		0.2 / 16	0.2 - 4		R412009117
		G 1		0.5 / 16	0.5 - 8		R412009119
		G 1		0.5 / 16	0.5 - 10		R412009121
		G 1		0.5 / 16	0.5 - 16		R412009123
		G 3/4	14500	0.1 / 16	0.1 - 1	0.905	R412009100
		G 3/4		0.1 / 16	0.1 - 2		R412009102
		G 3/4		0.2 / 16	0.2 - 4		R412009104
		G 3/4		0.5 / 16	0.5 - 8		R412009106
		G 3/4		0.5 / 16	0.5 - 10		R412009108
		G 3/4		0.5 / 16	0.5 - 16		R412009110
		G 1		0.1 / 16	0.1 - 1		R412009112
		G 1		0.1 / 16	0.1 - 2		R412009114
		G 1		0.2 / 16	0.2 - 4		R412009116
		G 1		0.5 / 16	0.5 - 8		R412009118
		G 1		0.5 / 16	0.5 - 10		R412009120
		G 1		0.5 / 16	0.5 - 16		R412009122

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

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

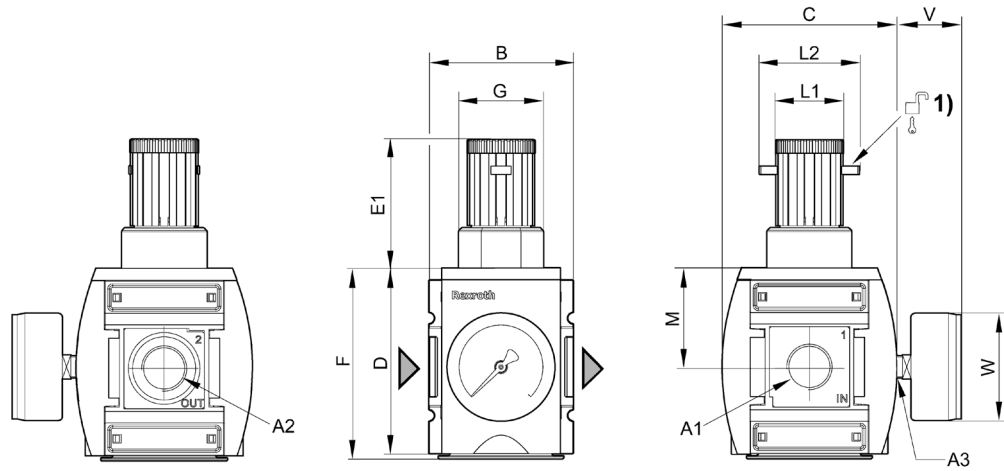
Flow rate characteristic (setting range p_2 : 0.5 - 8 bar)

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

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Dimensions

00119833

1) Mounting option for padlocks; max. shackle Ø 8

A1	A2	A3	B	C	D	E1	F	G	L1	L2	M	V
G 3/4	G 3/4	G 1/4	85	103	109	75	112	M50x1,5	41	60	58	38
G 1	G 1	G 1/4	85	103	109	75	112	M50x1,5	41	60	58	38
A1	W											
G 3/4	63											
G 1	63											