

Precision pressure regulator, Series AS3-RGP

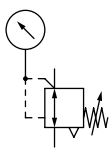
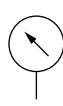
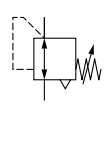


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Mounting orientation	Any
Working pressure min./max.	See table below
Medium	Compressed air Neutral gases
Medium temperature min./max.	-10°C / +50°C
Ambient temperature min./max.	-10°C / +50°C
Regulator type	Diaphragm-type pressure regulator, Can be assembled into blocks
Regulator function	with relieving air exhaust
Adjustment range min./max.	See table below
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 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).
- Suitable for use in Ex zones 1, 2, 21, 22

		Port	Qn	Working pressure min./max.	Adjustment range min. - max..	Weight	Note	Part No.
			[l/min]	[bar]	[bar]	[kg]		
		G 3/8	1600	0.1 / 16	0.1 - 1	0.6	1)	R412007137
		G 3/8	4600	0.1 / 16	0.1 - 2			R412007139
		G 3/8	5000	0.2 / 16	0.2 - 4			R412007141
		G 3/8	4300	0.5 / 16	0.5 - 8			R412007143
		G 3/8	4300	0.5 / 16	0.5 - 10			R412007145
		G 1/2	1600	0.1 / 16	0.1 - 1			R412007149
		G 1/2	4600	0.1 / 16	0.1 - 2			R412007151
		G 1/2	5000	0.2 / 16	0.2 - 4			R412007153
		G 1/2	5200	0.5 / 16	0.5 - 8			R412007155
		G 1/2	5200	0.5 / 16	0.5 - 10			R412007157
	-	G 3/8	1600	0.1 / 16	0.1 - 1	0.528	2)	R412007136
		G 3/8	4600	0.1 / 16	0.1 - 2			R412007138
		G 3/8	5000	0.2 / 16	0.2 - 4			R412007140
		G 3/8	4300	0.5 / 16	0.5 - 8			R412007142
		G 3/8	4300	0.5 / 16	0.5 - 10			R412007144
		G 1/2	1600	0.1 / 16	0.1 - 1			R412007148
		G 1/2	4600	0.1 / 16	0.1 - 2			R412007150
		G 1/2	5000	0.2 / 16	0.2 - 4			R412007152
		G 1/2	5200	0.5 / 16	0.5 - 8			R412007154
		G 1/2	5200	0.5 / 16	0.5 - 10			R412007156

1) Pressure gauge enclosed separately

2) Order pressure gauge separately

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