

# Flow Control Regulators



Available with technical polymer, nickel-plated brass or aluminium bodies, with external or recessed adjustment screws, Flow Control Regulators offer precise adjustment, accuracy and compactness.

Ø metric:  
3 to 14 mm

## Technical Characteristics

- **Compatible Fluids:** Compressed air  
Other fluids: contact us
- **Working Pressure:** 1 to 10 bar
- **Working Temperature:** 0°C to +70°C  
-25°C to +70°C (metal version)

Max. Tightening Torques (external adjustment screw)	Threads	M3 x0.5	M5 x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	0.06	0.16	0.8	1.2	3	3.5

Max. Tightening Torques (recessed adjustment screw)	Threads	-	M5 x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	-	-	0.1	0.4	0.5	0.6

Reliable performance is dependent upon the type of fluid conveyed and component materials being used.

Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

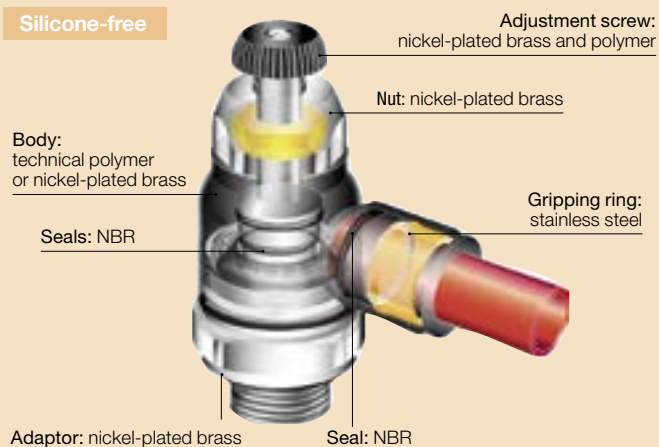
You will find all the flow rate characteristic curves (to 6 bar) for Flow Control Regulators at the end of the chapter.

## Regulations

- RoHS
- REACH
- PED

## Component Materials

### Silicone-free



## Advantages

### Productivity:

- Higher maximum flow than standard regulators
- Optimal control of the cylinder rod speed

### Accuracy:

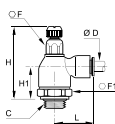
- Precise adjustment for accurate flow regulation
- Long-term stability of flow

### Ergonomics:

- External adjustment screw: easy to adjust ; Recessed adjustment screw: protects the adjustment mechanism
- Can be rotated 360° during assembly

## 7100 Compact Flow Regulator, Exhaust, Male BSPP Thread

Nickel-plated brass, NBR



ØD	C		F	F1	H max	H min	H1	L	Kg
4	G1/8	<b>7100 04 10</b>	10	19	53	47	23	21	0.080
	G1/8	<b>7100 06 10</b>	10	19	53	47	23	24.5	0.082
6	G1/4	<b>7100 06 13</b>	10	19	53	47.5	23.5	24.5	0.085
	G1/8	<b>7100 08 10</b>	14	19	55	50	24.5	29	0.097
8	G1/4	<b>7100 08 13</b>	14	19	56	50	25	29	0.101
	G3/8	<b>7100 08 17</b>	17	25	62	56	27	30.5	0.154
10	G1/4	<b>7100 10 13</b>	14	19	56	50	25	35	0.106
	G3/8	<b>7100 10 17</b>	17	25	62	56	27	35	0.157
12	G3/8	<b>7100 12 17</b>	17	25	62	56	27	38	0.198
	G1/2	<b>7100 12 21</b>	17	25	62	55	27	38	0.207
14	G1/2	<b>7100 14 21</b>	17	25	62	55	27	41	0.205

DYSTRYBUTOR PARKER PREMIUM

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| arapneumatik.pl

PARKER STORE WROCLAW  
pneumatyka@arapneumatik.pl  
TEL. 71 364 72 80

PARKER STORE KATOWICE  
katowice@arapneumatik.pl  
TEL. 32 779 76 40

**Parker Store**