

# 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

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).

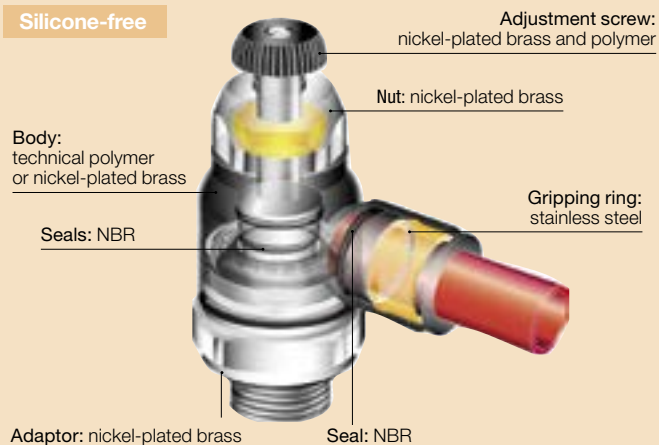
You will find all the flow rate characteristic curves (to 6 bar) for Flow Control Regulators at the end of the chapter.

## Regulations

- RoHS
- REACH
- PED

## Component Materials

### Silicone-free



## Advantages

### Productivity:

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

### Accuracy:

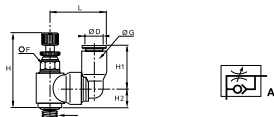
- Precise adjustment for accurate flow regulation
- Long-term stability of flow

### Ergonomics:

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

## 7640 Miniature Swivel Outlet Flow Regulator Exhaust, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR



ØD	C	F	G	H max	H min	H1	H2	L	Kg
4	M5x0.8 <b>7640 04 19</b>	6	8.5	26	23.5	14	6.5	19.5	0.011
	G1/8 <b>7640 04 10</b>	7	8.5	29.5	27	14	8	19.5	0.015
6	M5x0.8 <b>7640 06 19</b>	6	10.5	26	23.5	16	6.5	21	0.001
	G1/8 <b>7640 06 10</b>	7	10.5	29.5	27	16	8	20.5	0.015

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| arapneumatik.pl

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

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

