

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).

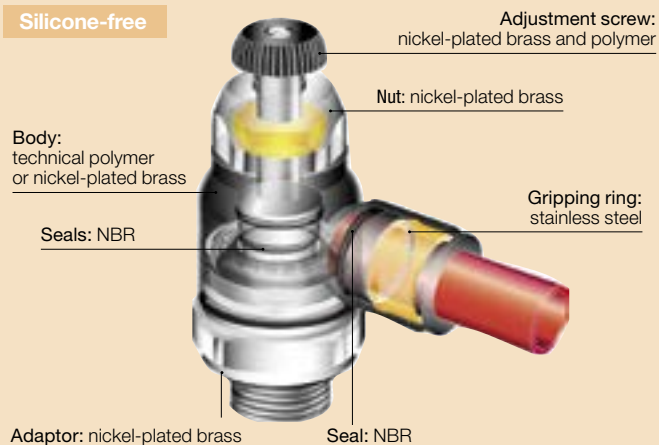
You will find all the flow rate characteristic curves (to 6 bar) for Flow Control Regulators at the end of the chapter.

Regulations

- RoHS
- REACH
- PED

Component Materials

Silicone-free



Advantages

Productivity:

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

Accuracy:

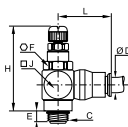
- Precise adjustment for accurate flow regulation
- Long-term stability of flow

Ergonomics:

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

7680 Compact Flow Regulator, Exhaust, Male BSP Thread

Nickel-plated brass, NBR



ØD	C		E	F	H max	H min	J	L	Kg
6	G1/8	7680 06 10	5	13	44	39	7.5	24.5	0.045
8	G1/8	7680 08 10	5	13	44	39	7.5	24.5	0.047
	G1/4	7680 08 13	8	17	47	41	9	27	0.076
10	G3/8	7680 10 17	7	20	60	50	11	34	0.133
12	G1/2	7680 12 21	8	23	77	65	14	36.5	0.165

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