

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 | 0.7 |

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).

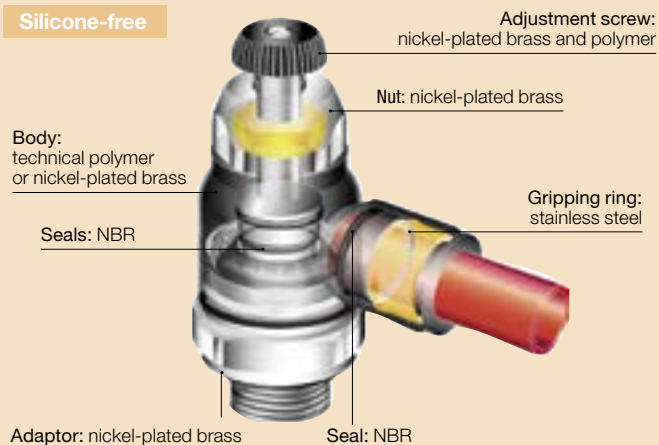
You will find all the flow rate characteristic curves (to 6 bar) for Flow Control Regulators at the end of the chapter.

Regulations

- RoHS
- REACH
- PED

Component Materials

Silicone-free



Advantages

Productivity:

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

Accuracy:

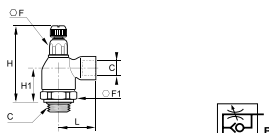
- Precise adjustment for accurate flow regulation
- Long-term stability of flow

Ergonomics:

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

7111 Compact Flow Regulator Supply, Male/ Female BSPP Thread

Nickel-plated brass, NBR



| C | F | F1 | H max | H min | H1 | L | Kg |
|------------------------|----|----|-------|-------|----|------|-------|
| G1/8 7111 10 10 | 10 | 19 | 52.5 | 47 | 23 | 22.5 | 0.079 |
| G1/4 7111 13 13 | 14 | 19 | 55.5 | 50.5 | 25 | 32 | 0.108 |

DYSTRYBUTOR PARKER PREMIUM

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