Flow Control Regulators

Parker Legris flow control regulators with polymer, nickel-plated brass or aluminium bodies, external or recessed adjustment screws, offer precise adjustment, accuracy and compactness providing the solution for all applications.

Product Advantages

**Improved Productivity**
- Higher maximum flow than standard regulators
- Full flow with minimum pressure drop (model 7060)
- Optimal control of the cylinder rod speed
- 100% leak-tested in production
- Date coding to guarantee quality and traceability
- Reduce compressed air and energy consumption

**Accuracy & Performance**
- Precise adjustment for accurate flow regulation from initial to maximum opening
- Constant cylinder rod displacement speed
- Long-term stability of flow
- Reduced weight (polymer version)
- Mechanical strength and corrosion resistance with nickel-plated brass version

**Ergonomics & Large Range**
- External adjustment screw: easy to adjust without tooling and lockable
- Recessed adjustment screw: more compact and protects the adjustment mechanism
- Uni-directional: exhaust or inlet
- Bi-directional: adjustment of air flow in both directions
- 360° positioning
- NPT version on request

Technical Characteristics

| Compatible Fluids | Compressed air
| Other fluids: contact us |
| Working Pressure | 1 to 10 bar |
| Working Temperature | 0°C to +70°C |

<table>
<thead>
<tr>
<th>Max. Tightening Torques (external adjustment screw)</th>
<th>Threads</th>
<th>M3 x0.5</th>
<th>M5 x0.8</th>
<th>G1/8</th>
<th>G1/4</th>
<th>G3/8</th>
<th>G1/2</th>
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<td>0.7</td>
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</table>

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

Component Materials

- **Body:** technical polymer or nickel-plated brass
- **Nut:** nickel-plated brass
- **Gripping ring:** stainless steel
- **Adaptor:** nickel-plated brass
- **Seal:** NBR

Silicone-free

Regulations

- **DI:** 2002/95/EC (RoHS)
- **RG:** 1907/2006 (REACH-I)
- **Di:** 97/23/EC (PED)