

# 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).

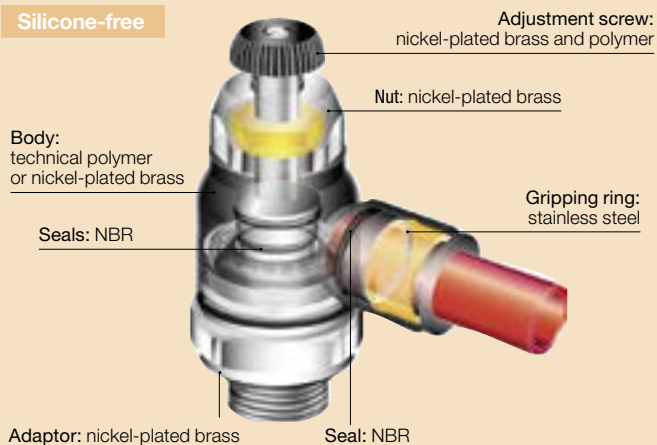
You will find all the flow rate characteristic curves (to 6 bar) for Flow Control Regulators at the end of the chapter.

## Regulations

- RoHS
- REACH
- PED

## Component Materials

### Silicone-free



## Advantages

### Productivity:

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

### Accuracy:

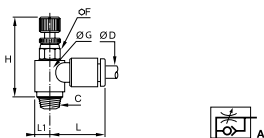
- Precise adjustment for accurate flow regulation
- Long-term stability of flow

### Ergonomics:

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

## 7665 Miniature Flow Regulator Exhaust, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR



| ØD | C    |                   | F  | G    | H max | H min | L    | L1   | Kg    |
|----|------|-------------------|----|------|-------|-------|------|------|-------|
| 4  | R1/8 | <b>7665 04 10</b> | 7  | 11.5 | 27.5  | 25    | 18   | 6    | 0.012 |
|    | R1/8 | <b>7665 06 10</b> | 7  | 11.5 | 27.5  | 25    | 18.5 | 6    | 0.012 |
| 6  | R1/4 | <b>7665 06 13</b> | 8  | 13.5 | 30    | 27.5  | 19   | 7    | 0.019 |
|    | R3/8 | <b>7665 06 17</b> | 17 | 13.5 | 34    | 31.5  | 19   | 7    | 0.025 |
| 8  | R1/8 | <b>7665 08 10</b> | 13 | 14   | 28.5  | 24    | 26   | 7    | 0.021 |
|    | R1/4 | <b>7665 08 13</b> | 16 | 19   | 29    | 25    | 27.5 | 9.5  | 0.033 |
|    | R3/8 | <b>7665 08 17</b> | 20 | 23   | 36    | 30    | 29   | 11.5 | 0.061 |

Pre-coated thread

DYSTRYBUTOR PARKER PREMIUM

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