

Parker Legris connectic

products are available from

MARYLAND METRICS

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In-line flow regulator - metal version

New



A new function fitting for regulating air flow

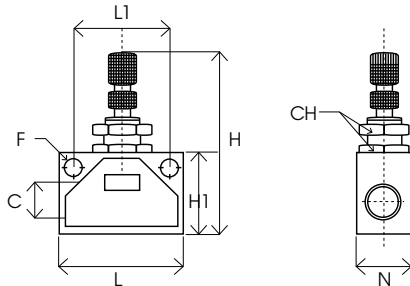
- For precise control of pneumatic cylinder speed
 - Adjustment of air flow.
 - Fine adjustment.
 - Excellent sealing when closed.
 - Adjustment can be made by hand or, when access is difficult, with a screwdriver.
- For severe operating conditions
 - Robust product adapted for use in severe environments.
 - Ease of installation with tube to tube connection, adapted for use where access to the cylinder is restricted or another function fitting is already connected.
 - Panel mounted
 - A lock nut ensures stability of the setting against vibrations and prevents unwanted adjustment.



TECHNICAL SPECIFICATIONS

one-way in-line flow regulator - metal

▶ 7170 - In-line flow regulator, aluminium female metric and parallel



| Part number | C | H Mini (mm) | H Maxi (mm) | H1 (mm) | L (mm) | L1 (mm) | N (mm) | F (mm) | CH (mm) |
|-------------|------|-------------|-------------|---------|--------|---------|--------|--------|---------|
| 7170 19 19 | M5 | 38 | 42 | 15 | 25 | 18 | 12 | 4,5 | 12 |
| 7170 10 10 | G1/8 | 49 | 56 | 22 | 35 | 24,7 | 18 | 4,5 | 15 |
| 7170 13 13 | G1/4 | 57 | 64 | 30 | 46 | 35 | 20 | 6,5 | 15 |
| 7170 17 17 | G3/8 | 62 | 73 | 30 | 50 | 35 | 25 | 6,5 | 22 |
| 7170 21 21 | G1/2 | 72 | 83 | 40 | 60 | 44 | 25 | 6,5 | 22 |

▶ 7175 - In-line flow regulator, aluminium female NPTF



Flow characteristics measured at 6 bar

| Part number | C | H (inch) | H1 (inch) | L (inch) | L1 (inch) | N (inch) | F (inch) | CH (inch) |
|-------------|----------|----------|-----------|----------|-----------|----------|----------|-----------|
| 7175 11 11 | NPTF 1/8 | 3.071 | 0.866 | 1.378 | 0.972 | 0.787 | 0.177 | 0.590 |
| 7175 14 14 | NPTF 1/4 | 3.431 | 1.181 | 1.811 | 1.378 | 0.787 | 0.256 | 0.590 |
| 7175 18 18 | NPTF 3/8 | 4.055 | 1.181 | 1.968 | 1.378 | 0.984 | 0.256 | 0.866 |
| 7175 22 22 | NPTF 1/2 | 4.843 | 1.575 | 2.362 | 1.732 | 0.984 | 0.256 | 0.866 |

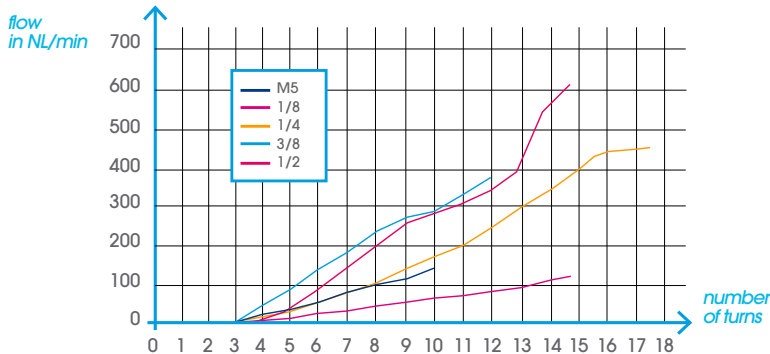
Conditions of use :

- Conveyed fluid : compressed air
- Working pressure : 1 to 10 bar / 15 to 145 psi
- Working temperature -20°C to +80°C / -4°F to 176°F

RoHS compliant

Materials of construction :

- Body : anodized aluminium
- Adjustment knob : brass
- Adjustment screw : brass
- Lock nut : brass
- O-ring seals : NBR



▶ A wide range of solutions for regulating air flow :

For standard environments : polymer flow regulators

- Installation on a cylinder or threaded control valve
 - 7010 - Flow regulators with recessed adjustment screw
 - 7060 - Flow regulators with external screw
- Where cylinder access is difficult or other function fittings are already positioned
 - 7770 - In-line flow regulators
- For connection to a cylinder or a manifold equipped with cartridges
 - 7030 - Plug-in type flow regulators

For severe environments : metal flow regulators

- For connection to a cylinder or threaded control valve
 - 7130 - Model with recessed adjustment screw
 - 7100 - Regulators with external screw

For aggressive environments : metal flow regulators

- Installation on a cylinder or threaded control valve
 - 7810 - Regulator with recessed adjustment screw
- Where cylinder access is difficult or other function fittings are already positioned
 - 7820 - In-line flow regulator



Discover our comprehensive range of pneumatic function fittings in our general catalogue or visit our website :

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