

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

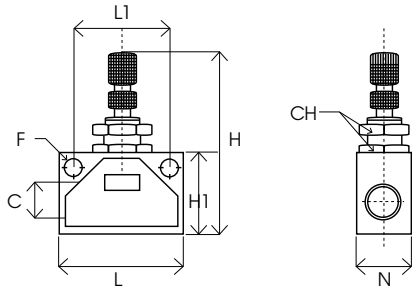
- For precise control of pneumatic cylinder speed
 - Adjustment of air flow.
 - Fine adjustment.
 - Excellent sealing when closed.
 - Adjustment can be made by hand or, when access is difficult, with a screwdriver.
- For severe operating conditions
 - Robust product adapted for use in severe environments.
 - 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



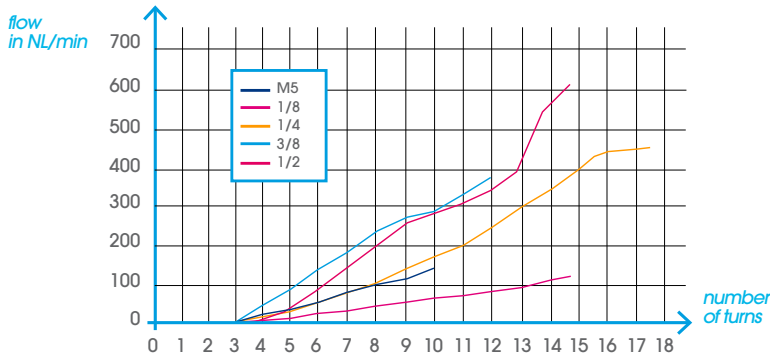
Part number	C	H Mini (mm)	H Maxi (mm)	H1 (mm)	L (mm)	L1 (mm)	N (mm)	F (mm)	CH (mm)
7170 19 19	M5	38	42	15	25	18	12	4,5	12
7170 10 10	G1/8	49	56	22	35	24,7	18	4,5	15
7170 13 13	G1/4	57	64	30	46	35	20	6,5	15
7170 17 17	G3/8	62	73	30	50	35	25	6,5	22
7170 21 21	G1/2	72	83	40	60	44	25	6,5	22

► 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 :

MARYLAND METRICS email: sales@mdmetric.com web: <http://mdmetric.com> RFQ form: <http://mdmetric.com/rfq.htm>