

Compact Regulators with External Adjustment

7067 Bi-Directional Compact Flow Regulator, Male BSPT Thread



ØD	C		F	F1	min	н max	H1	L	L1	ØT	kg
4	R1/8	7067 04 10	10	16	36.5	42.5	14.7	22	9	10	0.025
6	R1/8	7067 06 10	10	16	36.5	42.5	14.7	22	9	10	0.010
U	R1/4	7067 06 13	10	16	36.5	42.5	14.7	22	9	10	0.014
	R1/8	7067 08 10	14	19	40	45	16.5	28	10.5	14	0.034
8	R1/4	7067 08 13	14	19	40	45	16.5	28	10.5	14	0.036
	R3/8	7067 08 17	14	19	40	45	16.5	28	11	14	0.042

Pre-coated thread



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



Pneumatics
Robotics
Semi-Conductors
Textile
Automotive Process
Packaging

Technical Characteristics

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

Max. Tightening Torques (external adjustment	Threads	M3 x0.5	M5 x0.8	G1/8	G1/4	G3/8	G1/2
screw)	daN.m	0.06	0.16	0.8	1.2	3	3.5
Max. Tightening Torques (recessed adjustment	Threads	-	M5 x0.8	G1/8	G1/4	G3/8	G1/2
screw)	daN.m	-	0.1	0.4	0.5	0.6	0.7

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



4-8 **Elegris**



Flow Control Regulators

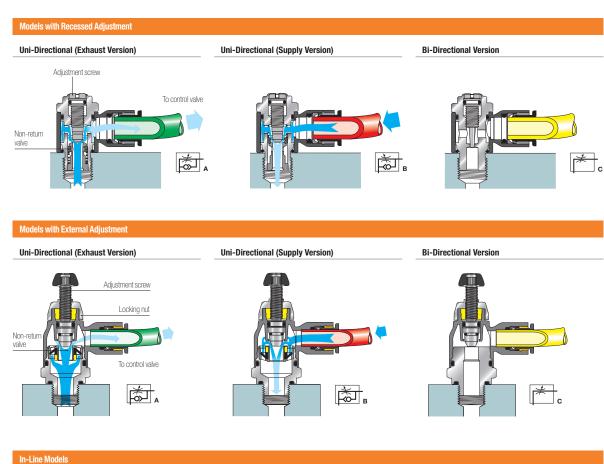
Operation

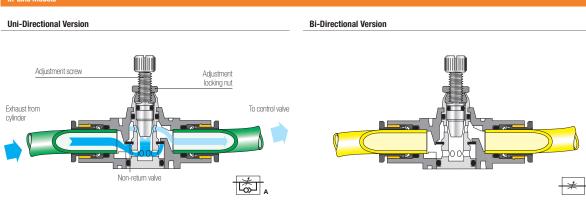
Parker Legris offers both uni-directional and bi-directional flow control regulators.

The uni-directional models control the flow of air in one direction through an adjustable restrictor, while allowing full flow in the opposite direction.

The bi-directional models control the flow of air in both directions.

A more precise and constant flow regulation is obtained when the regulator is fitted directly onto the cylinder.





For instant visual identification, each Parker Legris flow control regulator version is identified by the related pneumatic symbol and by a letter:

- uni-directional regulation on exhaust: letter A
- uni-directional regulation on supply: letter B
- bi-directional regulation: letter C





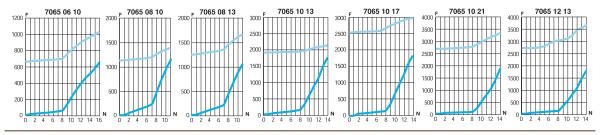
Flow Characteristics (at 6 bar)

for Flow Control Regulators

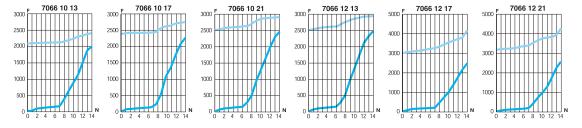


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7065



7066



7067

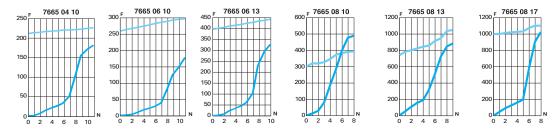
Flow characteristics for model 7067:

- exhaust version: see model 7065, direction of adjustment
- supply version: see model 7066, direction of adjustment

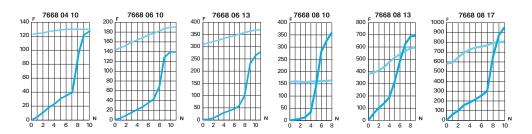


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7665



7668



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