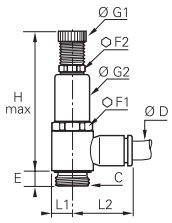
Pressure Regulators

7300 Pressure Regulator, Male BSPP Thread

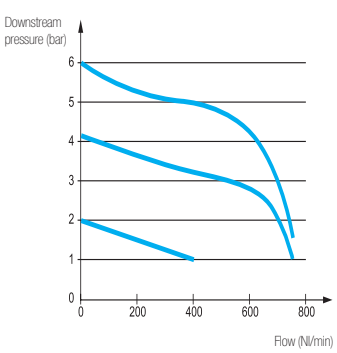
Technical polymer, nickel-plated brass, NBR



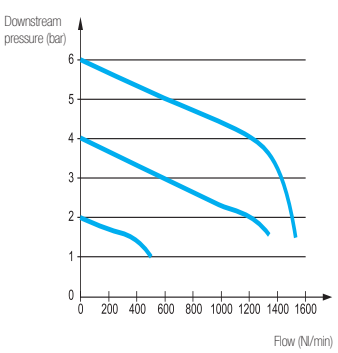
ØD	C		E	F1	F2	G1	G2	H max	L1	L2	kg
4	G1/8	7300 04 10	4.5	17	13	14	17	65	7	18.5	0.047
6	G1/8	7300 06 10	4.5	17	13	14	17	65	7	20	0.047
	G1/4	7300 06 13	7.5	17	13	14	17	74.5	9.5	22	0.065
8	G1/8	7300 08 10	4.5	17	13	14	17	65	7	25	0.048
	G1/4	7300 08 13	7.5	17	13	14	17	74.5	9.5	27	0.066
	G3/8	7300 08 17	8.5	22	17	18.5	22	84	11.5	28.5	0.121
10	G1/4	7300 10 13	7.5	17	13	14	17	74.5	9.5	29	0.067
	G3/8	7300 10 17	8.5	22	17	18.5	22	84	11.5	30.5	0.122

Flow Characteristics at 7 bar (Nl/min)

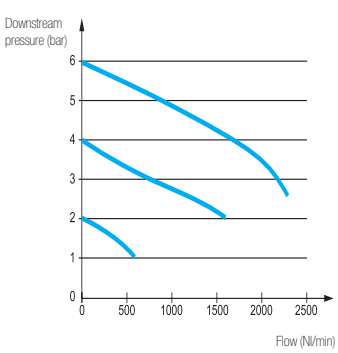
G1/8 Models



G1/4 Models



G3/8 Models



Pressure Regulators

Parker Legris pressure regulators **stabilise at the maximum determined value** the pressure delivered to the pneumatic equipment, whatever the fluctuations of the pressure upstream.

Product Advantages

Ergonomics

- Easy adjustment of the output pressure through the knurled screw
- Lockable adjustment possible
- Output pressure adjustment options marked on the screw

Energy Savings

- Setting of the optimum pressure enables the equipment to function correctly
- Installation in a manifold allows optimum output pressures to be delivered to specific parts of the circuit
- Designed for applications where cylinder force needs to be controlled: marking, sleeving, crimping cylinders etc.

Applications

Robotics
Textile
Semi-Conductors
Packaging
Pneumatics

Technical Characteristics

Compatible Fluids	Compressed air
Working Pressure	Upstream pressure: 1 to 16 bar Downstream pressure: 1 to 8 bar
Working Temperature	-10°C to +70°C

Max. Tightening Torques	Threads	G1/8	G1/4	G3/8
	daN.m	0.4	0.5	0.6

Component Materials

Silicone-free

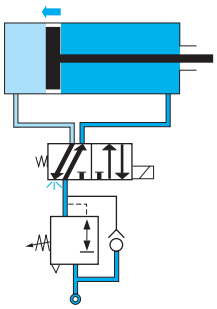
Regulations

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

Operation

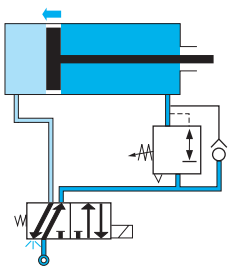
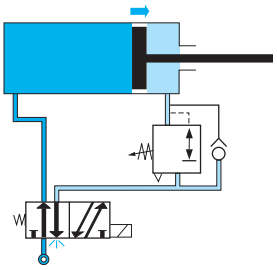
Mounting Upstream of the Control Valve

Adjustment of the piston feed pressure in both directions



Mounting Downstream of the Control Valve

Phase 1: adjustment of the piston speed in a single direction



Phase 2: in return direction, pressure is supplied through the control valve