

Pressure Reducers

Parker Legris pressure reducers are designed to **set the pressure** of a compressed air circuit to a determined value. They therefore enable **energy saving** by limiting the cylinder pressure.

Product Advantages

Design & Performance

- Optimisation of the pressure at the minimum values required to provide final force and energy consumption
- Manual adjustment protected by a plug
- Visual indication of the differential pressure by colour code

Two Models Available

- Banjo: fitted directly on the control valve or terminal block
- In-line: fitted in the pipework, between the control valve and cylinder



Robotics
Textile
Semi-Conductors
Packaging
Pneumatics

Applications

Technical Characteristics

Compatible Fluids	Compressed air				
Working Pressure	1 to 8 bar				
Working Temperature	-15°C to +60°C				
Max. Tightening Torques for Models 7318 and 7471	Threads	G1/8	G1/4	G3/8	G1/2
	daN.m	0.8	1.2	3	3.5

Component Materials

Internal seals: NBR



Screw: nickel-plated brass

Sealing washer: technical polymer

Body:
Models 7318-7471: zamak
Models 7316-7416: nickel-plated, shot-blasted brass

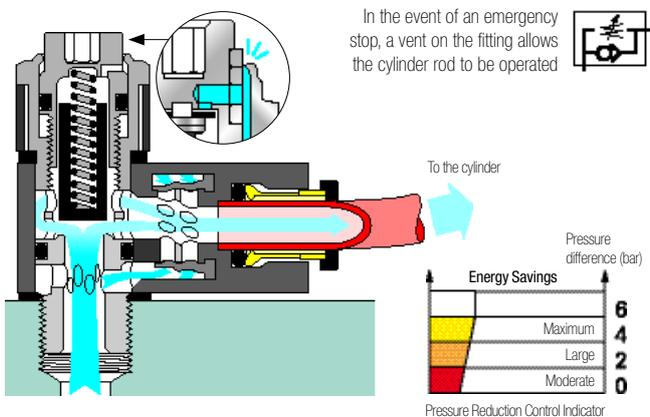
Silicone-free

Regulations

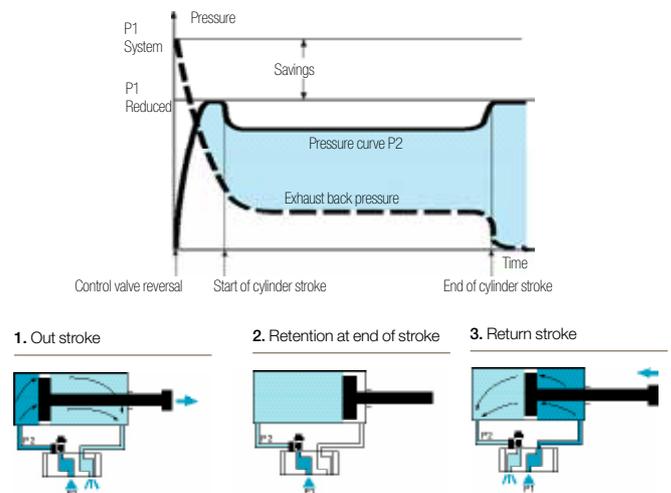
- DI: 2002/95/EC (RoHS)
- RG: 1907/2006 (REACH)
- DI: 97/23/EC (PED)

Operation

Installation Diagram

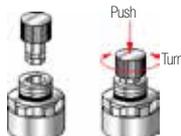


Cylinder Pressure Cycle



Manual Adjustment

To ease access to the adjustment, Parker Legris has designed a plug-in manual control system.



To prevent access to the setting mechanism, a sealing plug may be used.



This may be removed if necessary as follows:
1. Pierce the centre
2. Remove the plug

