

# AXIAL VALVES

A product that uniquely combines both valve and actuation functions.

The Parker Legris axial valve is equipped with a pneumatic actuator. It can be controlled pneumatically or electro-pneumatically (using a NAMUR spool valve or solenoid valve) for integration into automated systems. Available with or without detection.

**Available with or without detection**

**Flow rate optimization, reduced pressure drop:**

Internal diameter of the tube is equal to the diameter of the pipe

**Robust and compact design**

**Reduced risk of accidents for increased safety:**

No externally accessible parts

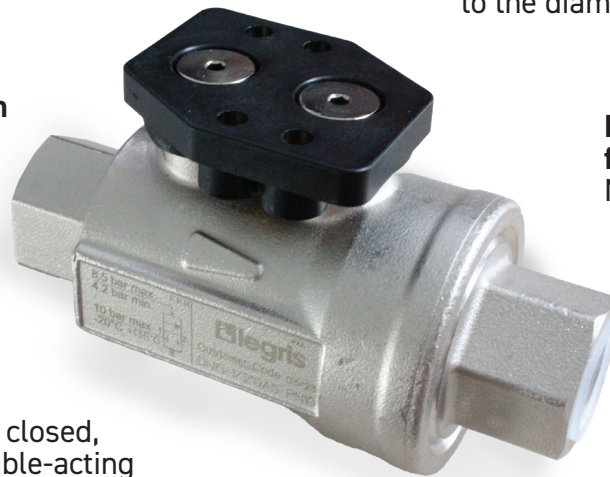
**Easy to install, ready-to-use**

**Three versions:** normally closed, normally opened and double-acting

**Longer lifespan and better response time:**

Low friction on the lip seal, Nickel-plated brass piston

**Wide chemical and temperature range:**  
Two seal materials (FKM, EPDM)



Axial valves are designed for a wide range of applications, including:

- Pneumatic Circuits: Suitable for air, vacuum, and other pneumatic systems.
- Lubrication Systems: Ideal for cutting oils and lubricants.
- Water Treatment: Effective for non-drinking water and cooling systems.



[www.parker.com/LPCE](http://www.parker.com/LPCE)

## Technical Characteristics

Compatible Fluids:	Compressed air, water, oil, industrial fluids... Other fluids: please consult us
Max. Working Pressure:	Max. 10 bar
Working Temperature:	-20°C up to +150°C (EPDM and FKM)- With detection: +90°C max
Pilot Pressure:	NC and NO: 4.2 to 8 bar - Double-acting: 3 to 8 bar
Component Materials:	Body: nickel-plated brass Seat: nickel-plated brass Seals: EPDM or FKM Piston: chemical nickel-plated brass Sub-base: technical polymer



## Part Numbers

C	Normally Closed Axial Valve with FKM Seal, Female BSPP Thread		Normally Closed Axial Valve with EPDM seal, Female BSPP Thread		Normally Open Axial Valve with FKM Seal, Female BSPP Thread		Double-Acting Axial Valve with FKM Seal, Female BSPP Thread	
	Without detection	With detection	Without detection	With detection	Without detection	With detection	Without detection	With detection
Rp3/8	4202 10 17 20	4204 10 17 20	4202 10 17 30	4204 10 17 30	4212 10 17 20	4214 10 17 20	4222 10 17 20	4224 10 17 20
Rp1/2	4202 15 21 20	4204 15 21 20	4202 15 21 30	4204 15 21 30	4212 15 21 20	4214 15 21 20	4222 15 21 20	4224 15 21 20
Rp3/4	4202 20 27 20	4204 20 27 20	4202 20 27 30	4204 20 27 30	4212 20 27 20	4214 20 27 20	4222 20 27 20	4224 20 27 20
Rp1	4202 25 34 20	4204 25 34 20	4202 25 34 30	4204 25 34 30	4212 25 34 20	4214 25 34 20	4222 25 34 20	4224 25 34 20
Rp1 1/4	4202 32 42 20*	4204 32 42 20*	4202 32 42 30*	4204 32 42 30*	4212 32 42 20*	4214 32 42 20*	4222 32 42 20*	4224 32 42 20*
Rp1 1/2	4202 40 49 20*	4204 40 49 20*	4202 40 49 30*	4204 40 49 30*	4212 40 49 20*	4214 40 49 20*	4222 40 49 20*	4224 40 49 20*
Rp2	4202 50 48 20*	4204 50 48 20*	4202 50 48 30*	4204 50 48 30*	4212 50 48 20*	4214 50 48 20*	4222 50 48 20*	4224 50 48 20*

Pilot port: G1/8

Delivered with a silencer

\*Models with EC marking

Threads conformed to ISO 7/1 (Rp)

Sub-Base for control with spool valve or solenoid valve with Namur pad mounting



Delivered with the valve, unassembled

Limit Switch, part number 4298 00 02



The valve is delivered with a magnet in the piston (assembled during the production) and supplied with a slot for mounting the limit switch(es).

We provide separately inductive limit switch with LED which can be easily mounted in the slot and fixed with their screws.

## Complementary Products

### Namur Pilot Spool Valve

Parker Series 331 3/2

Parker Series 341 5/2



### Pilot Solenoid Valve G1/8" 3/2

Parker Series 131



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