

Parker Product Datasheet



This range of valves with fluoropolymer seals, available in compact, standard and lockable series, covers many industrial applications for which the fluids conveyed and working temperatures require this seal material.

PART NUMBER: 4902 80 46
SHAPE: 2/2 standard serie in-line ball valve female
BODY MATERIAL: NICKEL PLATED BRASS
O-RING MATERIAL: PTFE
STEM MATERIAL: NICKEL PLATED BRASS
STEM SEAL MATERIAL: FPM, double O'ring
BALL SEAL MATERIAL: PTFE
DIAMETER NOMINAL (DN): 80
CONNECTION 1 THREAD SIZE (METRIC): G3
HANDLE: Lever, treated steel

PRODUCT OVERVIEW

This range of valves with fluoropolymer seals, available in compact, standard and lockable series, covers many industrial applications for which the fluids conveyed and working temperatures require this seal material.

Features/Benefits:

- Optimised Installation
- Full fluid flow

- Long or butterfly lever
- Corrosion resistance
- A lockable version for operational safety
- Good value/performance ratio

- Wide Compatibility

- Numerous compatible fluids
- Can be used for low and medium pressure applications
- Surface treatment for corrosion protection

Markets:

- Machine Tools
- Agricultural Machinery
- Wearing Apparel
- Plumbing
- Air Conditioning
- Heating

Applications:

- Allow/Stop Industrial Fluids Circulation on Industrial Circuits
- Suitable for Low and High Temperatures

Technologies:

- Industrial valves
- Lockable valve
- Standard valve
- Compact valve
- Corrosion resistance
- Ball valve manufacturer

Technical Characteristics:

- Fluids: Compressed air, gas, water, water vapour, oil and all fluids compatible with the component materials
- Materials: steel with plastic sleeve, technical polymer, treated zamak, treated steel, PTFE, galvanised steel, nickel-plated brass, nickel-plated or chromium-plated shot-blasted brass, nickel-

plated or hard chromium-plated brass, FPM, silicone free

- Pressure:

Standard and Lockable Series: 0 to 40 bar

Compact series: 0 to 35 bar

- Temperature:

Standard and Lockable Series: -20°C to +130°C

Compact series: -10°C to +90°C

Regulations:

- DI: 97/23/EC (module PED A - EC diameters greater than 25 mm)
- DI: Machinery Directive 2006/42/EC
- DI: 2002/95/EC (RoHS)
- RG: 1907/2006 (REACH)
- DI: 89/392/EC

Product Types:

- 2/2 Standard In-Line Ball Valve, Female BSPP Thread
- 2/2 Standard Compact In-Line Ball Valve, Male/Female BSPP Thread
- 2/2 Standard Compact In-Line Ball Valve, Female BSPP Thread
- 2/2 In-Line Lockable Ball Valve, Female BSPP Thread
- 2/2 In-Line Lockable Vented Ball Valve, Female BSPP Thread

TECH SPECIFICATIONS

**MAXIMUM OPERATING
TEMPERATURE**

338 °F

**MAXIMUM OPERATING
TEMPERATURE**

170 °C

DIVISION

Low Pressure Connectors Europe Division

DIVISION

Low Pressure Connectors Europe Division

MAXIMUM OPERATING PRESSURE 3 MPa

MAXIMUM OPERATING PRESSURE 30 bar

MAXIMUM OPERATING PRESSURE 435 psi

FLOW RATE	n/a
MINIMUM OPERATING TEMPERATURE	-20 °C
MINIMUM OPERATING TEMPERATURE	-4 °F
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Oil
FOR FLUID TYPE	Water Vapour
FOR FLUID TYPE	All Fluids Compatible with the Component Materials
FOR FLUID TYPE	Water
INDUSTRY	Industrial Manufacturing Equipment
SPECIFICATIONS MET	REACH
SPECIFICATIONS MET	RoHS
SPECIFICATIONS MET	DI: 97/23/EC (module PED A - diameters greater than 25 mm)
SPECIFICATIONS MET	DI: 2006/42/EC (Machinery Directive)
REGION OF ORIGIN	Italy
CONNECTION TYPE	BSPP
SHAPE	Inline
APPLICATION	Agricultural Machinery
APPLICATION	Air Conditioning
APPLICATION	Fluid Control
APPLICATION	Heating
APPLICATION	Safety
APPLICATION	Textile
APPLICATION	Plumbing
APPLICATION	Process Control
APPLICATION	Pneumatics

BRAND	Legris
TECHNOLOGY	Fluid & Gas Handling
TECHNOLOGY	Pneumatics
TECHNOLOGY	Process Control
CONNECTION SIZE	G3
PRODUCT STYLE	Female Ball Valve
BODY MATERIAL	Nickel-Plated Brass
PRODUCT SERIES	Standard Series
PRODUCT TYPE	Ball Valves
BALL MATERIAL	Nickel-Plated Brass
O-RING MATERIAL	PTFE
SEAL MATERIAL	PTFE
WEIGHT	12.848 lb
WEIGHT	5.84 kg
OPERATING PRESSURE	0 to 3 MPa
OPERATING PRESSURE	0 to 40 bar
MAXIMUM FLOW RATE	n/a
MOUNTING TYPE	Inline
FUNCTION	2-Way
ACTUATION TYPE	Manual
ORIFICE SIZE	80 mm
OPERATION TYPE	Lever-operated
CONFIGURATION	2/2
SEAT MATERIAL	PTFE
HANDLE TYPE	Blue
HANDLE TYPE	Long Lever (Treated Steel)
QUANTITY PER BOX	1

