

# 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 65 47  
**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):** 65  
**CONNECTION 1 THREAD SIZE (METRIC):** G2 1/2  
**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**

170 °C

**MAXIMUM OPERATING  
TEMPERATURE**

338 °F

**DIVISION**

Low Pressure Connectors Europe Division

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**MAXIMUM OPERATING PRESSURE** 3 MPa

**MAXIMUM OPERATING PRESSURE** 435 psi

**MAXIMUM OPERATING PRESSURE** 30 bar

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

|                           |                            |
|---------------------------|----------------------------|
| <b>BRAND</b>              | Legris                     |
| <b>TECHNOLOGY</b>         | Fluid & Gas Handling       |
| <b>TECHNOLOGY</b>         | Pneumatics                 |
| <b>TECHNOLOGY</b>         | Process Control            |
| <b>CONNECTION SIZE</b>    | G2 1/2                     |
| <b>PRODUCT STYLE</b>      | Female Ball Valve          |
| <b>BODY MATERIAL</b>      | Nickel-Plated Brass        |
| <b>PRODUCT SERIES</b>     | Standard Series            |
| <b>PRODUCT TYPE</b>       | Ball Valves                |
| <b>BALL MATERIAL</b>      | Nickel-Plated Brass        |
| <b>O-RING MATERIAL</b>    | PTFE                       |
| <b>SEAL MATERIAL</b>      | PTFE                       |
| <b>WEIGHT</b>             | 4.5 kg                     |
| <b>WEIGHT</b>             | 9.9 lb                     |
| <b>OPERATING PRESSURE</b> | 0 to 40 bar                |
| <b>OPERATING PRESSURE</b> | 0 to 3 MPa                 |
| <b>MAXIMUM FLOW RATE</b>  | n/a                        |
| <b>MOUNTING TYPE</b>      | Inline                     |
| <b>FUNCTION</b>           | 2-Way                      |
| <b>ACTUATION TYPE</b>     | Manual                     |
| <b>ORIFICE SIZE</b>       | 65 mm                      |
| <b>OPERATION TYPE</b>     | Lever-operated             |
| <b>CONFIGURATION</b>      | 2/2                        |
| <b>SEAT MATERIAL</b>      | PTFE                       |
| <b>HANDLE TYPE</b>        | Long Lever (Treated Steel) |
| <b>HANDLE TYPE</b>        | Blue                       |
| <b>QUANTITY PER BOX</b>   | 1                          |

