

# Parker Product Datasheet



This range of valves has patented seal wear compensating technology for reliable and durable sealing, protecting any system whether under pressure or vacuum.

**PART NUMBER:** 0438 23 34  
**SHAPE:** 3/2 right angled 3 point lockable ball valve female  
**PRODUCT TYPE:** Universal Series, Lockable  
**BALL MATERIAL:** na  
**NUT MATERIAL:** na  
**SLEEVE MATERIAL:** na  
**CONNECTION 2 TUBE O.D. (MM):** na  
**DIAMETER NOMINAL (DN):** 23  
**CONNECTION 1 THREAD SIZE (METRIC):** G1  
**HANDLE:** ZAMAK  
**CONNECTION 1 THREAD STYLE:** BSPP

## PRODUCT OVERVIEW

This range of valves has patented seal wear compensating technology for reliable and durable sealing, protecting any system whether under pressure or vacuum.

Features/Benefits:

- Durability & reliability

- Automatic seal wear compensation for long-term reliability
- Robust, corrosion-resistant materials
- 100% leak-tested in production
- Date coding to guarantee quality and traceability

#### - Versatility & Performance

- Ideal for ensuring the performance of pneumatic circuits
- Customised valves for all special applications
- Unequalled performance under vacuum
- Smooth operation thanks to self-lubricating seals
- Large range of working pressures and temperatures
- Lever can be repositioned and replaced
- Many configurations to satisfy all system requirements

#### Markets:

- Packaging
- Wearing Apparel
- Lumber & Wood
- Rubber & Tire Processing
- Plastic Processing
- Rail

## Applications:

- Allow/Stop Fluid Circulation on Industrial Circuits
- Suitable for Slightly Corrosive Industrial Fluids
- Suitable for Vacuum Applications

## Technologies:

- Industrial valves
- Corrosion resistant
- Pneumatic circuits
- Pneumatic systems

## Technical Characteristics:

- Fluids: Industrial fluids
- Materials: brass, galvanised steel, treated zamak, NBR, nickel-plated brass, nickel-plated shot-blasted brass, nickel-plated polished brass, silicone free
- Pressure: Vacuum to 40 bar
- Temperature: -20°C (-40°C without movement of the handle) to +80°C

## Regulations:

- DI: 97/23/EC (module PED A - diameters greater than 25 mm)

- DI: 2006/42/EC (Machinery Directive)
- DI: 2002/95/EC (RoHS)
- RG: 1907/2006 (REACH)

#### Product Types:

- 2/2 In-Line Ball Valve, Female BSPP Thread
- 2/2 In-Line Ball Valve, Male/Female BSPP Thread
- 2/2 In-Line Ball Valve, Male BSPP Thread
- 2/2 In-Line Ball Valve with Connections for Use with Steel Tube
- 2/2 In-Line Ball Valve with Compression Connections
- 2/2 In-Line Panel-Mountable Ball Valve, Female BSPP Thread
- 2/2 In-Line Ball Valve for Screw Fixing, Female BSPP Thread
- 2/2 In-Line Ball Valve for Screw Fixing, Male/Female BSPP Thread
- 2/2 Right-Angled Ball Valve, Female BSPP Thread
- 2/2 Right-Angled Ball Valve, Male/Female BSPP Thread
- 3/3 Right-Angle Ported Ball Valve, Female BSPP Thread
- 3/3 Right-Angle Ported Ball Valve without Closed Position, Female BSPP Thread
- 3/2 Panel-Mountable Right-Angled Ball Valve, Female BSPP Thread
- 3/2 Panel-Mountable Equal Plane Ball Valve, Female BSPP Thread
- 3/2 In-Line Vented Ball Valve, Female BSPP and Metric Thread
- 3/2 Panel-Mountable In-Line Ball Valve, Female BSPP and Metric Thread
- 3/2 In-Line Vented Ball Valve, Female BSPP Thread
- 3/2 Right-Angled Ball Valve with Vent, Female BSPP Thread

- 3/2 Right-Angled Ball Valve with Vent, Male/Female BSPP Thread
- 2/2 In-Line Lockable Ball Valve, Female BSPP Thread
- 3/2 In-line Vented Lockable Ball Valve, Female BSPP Thread
- 3/2 In-Line Lockable Ball Valve with Threaded Exhaust Port, Female BSPP and Metric Thread
- 3/2 In-line Vented 3-Point Lockable Ball Valve, Female BSPP Thread
- 3/2 Right-Angled 3-Point Lockable Ball Valve, Female BSPP Thread

# TECH SPECIFICATIONS

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| MAXIMUM OPERATING TEMPERATURE | 80 °C                                               |
| DIVISION                      | Low Pressure Connectors Europe Division             |
| DIVISION                      | Low Pressure Connectors Europe Division             |
| MAXIMUM OPERATING PRESSURE    | Vacuum to 20 bar                                    |
| MAXIMUM OPERATING PRESSURE    | Vacuum to 290.08 psi                                |
| MAXIMUM OPERATING PRESSURE    | Vacuum to 2 MPa                                     |
| FLOW RATE                     | n/a L/min                                           |
| MINIMUM OPERATING TEMPERATURE | -4 °F                                               |
| MINIMUM OPERATING TEMPERATURE | -20 °C                                              |
| MINIMUM OPERATING TEMPERATURE | up to -40 °C (-40°F without movement of the handle) |
| FOR FLUID TYPE                | Inert Gases                                         |
| FOR FLUID TYPE                | Air                                                 |
| FOR FLUID TYPE                | Water                                               |
| INDUSTRY                      | Industrial Manufacturing Equipment                  |
| SPECIFICATIONS MET            | RoHS                                                |

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| <b>SPECIFICATIONS MET</b> | DI: 2006/42/EC (Machinery Directive)                       |
| <b>SPECIFICATIONS MET</b> | REACH                                                      |
| <b>SPECIFICATIONS MET</b> | DI: 97/23/EC (module PED A - diameters greater than 25 mm) |
| <b>REGION OF ORIGIN</b>   | France                                                     |
| <b>CONNECTION TYPE</b>    | BSPP                                                       |
| <b>SHAPE</b>              | Right Angled                                               |
| <b>APPLICATION</b>        | Safety                                                     |
| <b>APPLICATION</b>        | Pneumatics                                                 |
| <b>APPLICATION</b>        | Fluid Control                                              |
| <b>APPLICATION</b>        | Process Control                                            |
| <b>BRAND</b>              | Legris                                                     |
| <b>TECHNOLOGY</b>         | Pneumatics                                                 |
| <b>TECHNOLOGY</b>         | Fluid & Gas Handling                                       |
| <b>TECHNOLOGY</b>         | Process Control                                            |
| <b>CONNECTION SIZE</b>    | G1                                                         |
| <b>PRODUCT STYLE</b>      | 3 Point Lockable Female Ball Valve                         |
| <b>BODY MATERIAL</b>      | Nickel-Plated Brass                                        |
| <b>PRODUCT SERIES</b>     | Universal Series                                           |
| <b>PRODUCT TYPE</b>       | Ball Valves                                                |
| <b>O-RING MATERIAL</b>    | NBR                                                        |
| <b>SEAL MATERIAL</b>      | NBR                                                        |
| <b>WEIGHT</b>             | 1.295 kg                                                   |
| <b>WEIGHT</b>             | 2.855 lb                                                   |
| <b>MAXIMUM FLOW RATE</b>  | n/a L/min                                                  |
| <b>MOUNTING TYPE</b>      | Inline                                                     |
| <b>FUNCTION</b>           | 3-Way                                                      |

|                           |                    |
|---------------------------|--------------------|
| <b>ACTUATION TYPE</b>     | Manual             |
| <b>ORIFICE SIZE</b>       | 23 mm              |
| <b>OPERATION TYPE</b>     | Lever-operated     |
| <b>CONFIGURATION</b>      | 3/2                |
| <b>SEAT MATERIAL</b>      | Rilsan Graphited   |
| <b>HANDLE TYPE</b>        | Grey               |
| <b>HANDLE TYPE</b>        | Long Lever (ZAMAK) |
| <b>QUANTITY PER BOX</b>   | 1                  |
| <b>STEM MATERIAL</b>      | Brass              |
| <b>STEM SEAL MATERIAL</b> | NBR                |
| <b>BALL SEAL MATERIAL</b> | NBR                |