

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: 0489 23 34
CONNECTION 1 THREAD STYLE: BSPP
CONNECTION 2 TUBE O.D. (MM): na
DIAMETER NOMINAL (DN): 23
CONNECTION 1 THREAD SIZE (METRIC): G1 G1/4
SLEEVE MATERIAL: na
HANDLE: ZAMAK
NUT MATERIAL: na
PRODUCT TYPE: Universal Series, Vented
BALL MATERIAL: na
SHAPE: 3/2 in-line vented ball valve female

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

MINIMUM OPERATING TEMPERATURE	-4 °F
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM OPERATING PRESSURE	Vacuum to 4 MPa
MINIMUM OPERATING TEMPERATURE	up to -40 °C (-40°F without movement of the handle)
TECHNOLOGY	Pneumatics
DIVISION	Low Pressure Connectors Europe Division
BRAND	Legris
SPECIFICATIONS MET	REACH
DIVISION	Low Pressure Connectors Europe Division
SPECIFICATIONS MET	DI: 2006/42/EC (Machinery Directive)
APPLICATION	Process Control
REGION OF ORIGIN	France
SEAL MATERIAL	NBR
QUANTITY PER BOX	1
OPERATION TYPE	Lever-operated
FLOW RATE	n/a L/min

APPLICATION	Safety
SPECIFICATIONS MET	DI: 97/23/EC (module PED A - diameters greater than 25 mm)
APPLICATION	Pneumatics
PRODUCT STYLE	Vented (Thread G1/4) Female Ball Valve
WEIGHT	1.050 kg
BALL SEAL MATERIAL	NBR
BODY MATERIAL	Nickel-Plated Brass
WEIGHT	2.315 lb
APPLICATION	Fluid Control
SEAT MATERIAL	Rilsan Graphited
FUNCTION	2-Way
TECHNOLOGY	Fluid & Gas Handling
STEM SEAL MATERIAL	NBR
STEM MATERIAL	Brass
PRODUCT TYPE	Ball Valves
HANDLE TYPE	Long Lever (ZAMAK)
SPECIFICATIONS MET	RoHS
CONNECTION TYPE	BSPP
O-RING MATERIAL	NBR
TECHNOLOGY	Process Control
SHAPE	Inline
PRODUCT SERIES	Universal Series
MOUNTING TYPE	Inline
CONNECTION SIZE	G1
FOR FLUID TYPE	Air
MAXIMUM OPERATING PRESSURE	Vacuum to 40 bar

ORIFICE SIZE	23 mm
HANDLE TYPE	Red
MAXIMUM FLOW RATE	n/a L/min
ACTUATION TYPE	Manual
CONFIGURATION	3/2
MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM OPERATING TEMPERATURE	80 °C
FOR FLUID TYPE	Inert Gases
MAXIMUM OPERATING PRESSURE	Vacuum to 580.16 psi
FOR FLUID TYPE	Water