

1Z-B2XJ2-SSP Parker 1/16"CPI 6000PSI 316SS 3-Way Ball Valve Datasheet



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Category: Solenoid & Directional Valves

Price: **\$34.99**

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Product Description

Parker 1Z-B2XJ2-SSP is a 1/16 " CPI™ compression 3-way diverter ball valve manufactured from 316 stainless steel with a 6000 PSI (414 bar) pressure rating. The unit features a 0.060 " (1.5 mm) orifice and a 0.06 Cv flow coefficient. It utilizes a free-floating ball design and a micro-finished ball surface to ensure a positive, leak-tight seal. The internal construction includes PCTFE seats and PTFE stem seals, operated by a black nylon lever handle with 180 degree actuation.

1Z-B2XJ2-SSP Specifications

Model: 1Z-B2XJ2-SSP

Brand: Parker Hannifin

Series: B Series Ball Valves

Valve Type: 3-Way Diverter

Connection Type: 1/16 " CPI™ Compression

Body Material: 316 Stainless Steel

Maximum Pressure: 6000 PSI (414 bar)

Temperature Range: -65 to 350 °F (-54 to 177 °C)

Orifice Diameter: 0.060 " (1.5 mm)

Flow Coefficient (Cv): 0.06

Seat Material: PCTFE

Seal Material: PTFE

Handle Type: Black Nylon Lever

Actuation: 180 ° Manual

Stem Type: Blow-out Proof

Mounting: Panel Mountable with Stainless Steel Nut

Wetted Parts: 316 SS, PCTFE, PTFE

1Z-B2XJ2-SSP Applications

Primary applications include integration into analytical instrumentation systems, gas chromatography sampling loops, and pilot plant fluid control manifolds. Deployed within chemical processing laboratories and offshore oil and gas monitoring panels for precise directional flow diversion of high-pressure process fluids.

Supplemental Images

