



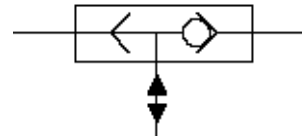
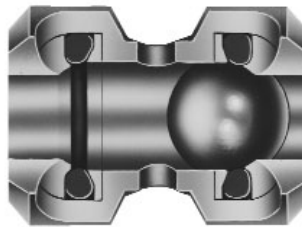
KEPNER PRODUCTS COMPANY

ESTABLISHED IN 1948

INNOVATIVE ZERO LEAKAGE CONTROL VALVES FOR LIQUID AND GAS

Kepsel®

Cartridge Insert Shuttle Valves



The cartridge shuttle valve permits flow from either of two inlet ports to a common outlet. Similar to the Kep-O-seal® inline version, a free floating metal ball shuttles according to the relative pressure at the two inlets. The higher pressure inlet flows through the valve and moves the ball to close the opposite inlet. Kepner's *Flexible Seal Seat*™ ensures bubble-tight shutoff of liquid or gas, and long service life. Shuttle valves can also flow in the reverse direction, and relieve system pressure when input is removed. Standard and specialty valves handle a wide variety of applications, and are ideal for use in manifolds, subplates, or cylinder heads.

Features and Benefits:

- *Flexible Seal Seat*™ for zero leak (bubble-tight) seal at closed port
- No threaded connections (avoid potential leakage)
- Non-biased free floating shuttle ball with short travel path
- Minimal pressure differential shifting
- O-Ring positively secured
- Compact, easy installation - Accessory Kepner Holding Device Kits available

Valve Specifications:

- Sizes: 1/16 inch to 3/4 inch Nominal sizes (1.6 mm to 19 mm)
- Body Materials: Brass, Steel, 303 Stainless Steel
- O-Ring Seals: Buna-N, Neoprene, Teflon®, Viton®, EP, others available
- Temperature: -300°F to 450°F (-184°C to 232°C), O-Ring dependent
- Operating Pressure: to 3000 PSI (207 bar)
- Flow: to 60 GPM (227 LPM)

Consult Factory or Distributor for more help. Customer/user is solely responsible to select products suitable for their specific application requirements and to ensure proper installation, operation and maintenance of these products. Improper selection or use of products can cause personal injury or property damage. All sales are subject to Kepner Products Company Standard Terms and Conditions of Sale.



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