



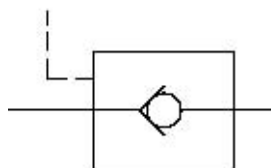
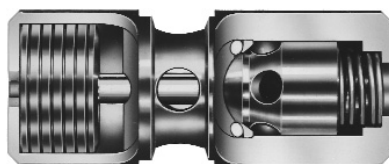
KEPNER PRODUCTS COMPANY

ESTABLISHED IN 1948

INNOVATIVE ZERO LEAKAGE CONTROL VALVES FOR LIQUID AND GAS



Cartridge Insert Lock Valves



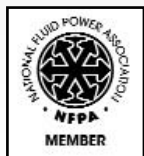
The cartridge lock valves combine a Kepsel® Cartridge Insert Check with a rugged pilot operator, and function the same as the counterpart Kep-O-Lok® inline lock valve. They free flow from valve port to cylinder port (or portion of circuit) and "lock" reverse flow until pilot pressure is applied to unlock the internal check valve and allow reverse flow. Kepner's *Flexible Seal Seat™* provides positive bubble-tight locking to prevent load drift or circuit creep, and answers the need where internal leakage could adversely affect performance such as with clamping cylinders or outrigger stabilizer jacks. Standard and specialty valve designs handle a wide variety of block and load hold applications, and are ideal for use in manifolds, subplates, or cylinder heads.

Features and Benefits:

- *Flexible Seal Seat™* for zero leak (bubble-tight) seal locking
- No threaded connections (avoid potential leakage)
- Basic pilot ratio 3:1
- Surge flow protected with calibrated pilot orifice
- 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: Steel; Pilot Piston: Stainless; Poppet, Retainer, Rod: Steel
- O-Ring Seals: Teflon® (internal check valve), Buna-N (external body chamfer)
- Temperature: -40°F to 300°F (-40°C to 149°C), O-Ring dependent
- Operating Pressure: to 3000 PSI (207 bar)
- Flow: to 40 GPM (151 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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