



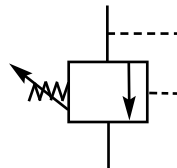
KEPNER PRODUCTS COMPANY

ESTABLISHED IN 1948

INNOVATIVE ZERO LEAKAGE CONTROL VALVES FOR LIQUID AND GAS



Adjustable Cartridge Relief Valves



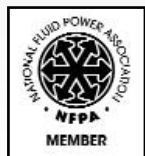
The Kepsel® cartridge has the same internal features as its counterpart Kep-O-seal® adjustable inline relief valve. These adjustable, spring-loaded poppet valves are used to limit system pressure. Excess pressure unseats the poppet, allowing flow with minimal increase in system pressure. As fluid is released the system pressure decreases until the spring force re-seats the poppet. Kepner's *Flexible Seal Seat™* ensures bubble-tight shutoff of liquid or gas. The relief pressure can be set using a tamperproof internal adjustment screw. Standard and specialty valves handle a wide variety of relief applications, and are ideal for use in a manifold, sub-plate, or cylinder head.

Features and Benefits:

- *Flexible Seal Seat™* for zero leak (bubble-tight) seal
- No threaded connections (avoid potential leakage)
- O-Ring seals positively secured
- Wide relief adjustment range 50 to 2000 PSI (3.45 to 138 bar)
- Tamperproof Nylok® adjustment set relief pressure/prevent slippage
- Poppet stop inside valve body prevents spring from bottoming out
- Compact, easy installation - Accessory Kepner Holding Device Kits available

Valve Specifications:

- Size: 1 inch cavity (25.4 mm)
- Body Materials: Steel, 303 Stainless Steel
- O-Ring Seals: Teflon®, other materials available
- Temperature: -300°F to 450°F (-184°C to 232°C), O-Ring dependent
- Crack Pressure Ranges: Adjustable 50 to 2000 PSI (3.5 to 138 bar)
3 Spring Ranges: 50 to 400 PSI (3.5 to 28 bar), 300 to 1000 PSI (21 to 69 bar),
900 to 2000 PSI (62 to 138 bar); factory preset pressure available
- Operating Pressure: to 3000 PSI (207 bar)
- Flow: to 10 GPM (38 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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