



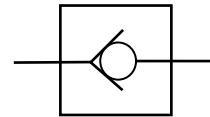
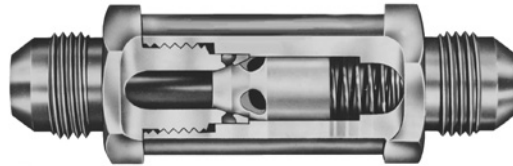
KEPNER PRODUCTS COMPANY

ESTABLISHED IN 1948

INNOVATIVE ZERO LEAKAGE CONTROL VALVES FOR LIQUID AND GAS



Inline Check and Relief Check Valves



These spring-operated poppet valves, with optional relief settings, allow free flow in only one direction and prevent backflow - sometimes referred to as "backflow preventor", "flow stop", or "non-return" valve. They are also used for relief and bypass functions. Kepner's *Flexible Seal Seat™* combines metal-to-metal contact with a resilient seal seat ensuring dependable bubble-tight shut-off of liquid or gas, and long service life. Standard and specialty valve designs handle a wide variety of applications.

Features and Benefits:

- *Flexible Seal Seat™* for zero leakage (bubble-tight) sealing at low and high pressures.
- O-Ring seal positively secured.
- Non-pressurized threads.
- Poppet stop inside valve body prevents spring from bottoming out.
- Generous flow passages allow full flow with minimal pressure drop.

Valve Specifications:

- Port Configurations: Pipe or Tube (NPT, JIC; 12 Combinations)
- Port Sizes: 1/8 inch to 3 inch (3.2 mm to 76 mm)
- Body Materials: Aluminum, Brass, Steel, 303 or 316 Stainless Steel
- O-Ring Seals: Buna-N, Neoprene, Viton®, EP, others available
- Temperature: -300°F to 450°F (-184°C to 232°C), O-Ring dependent
- Check Crack Pressure: 1 - 2 PSI (.07 bar to .14 bar)
- Relief/Check Crack Pressures: 5 PSI (.35 bar), 10 PSI (0.7 bar), 25 PSI (1.7 bar), 50 PSI (3.5 bar) and 65 PSI (4.5 bar), others available
- Operating Pressure: to 3,000 PSI (207 bar)
- Flow: to 500 GPM (1893 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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