



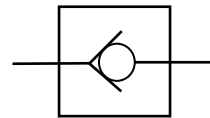
# KEPNER PRODUCTS COMPANY

ESTABLISHED IN 1948

INNOVATIVE ZERO LEAKAGE CONTROL VALVES FOR LIQUID AND GAS



## High Pressure Check and Relief/Check Valves



These inline valves allow free flow in only one direction, prevent backflow, and meet the industry's need for higher operating pressures. They also are used for relief and by-pass functions. Kepner's *Flexible Seal Seat™* combines metal-to-metal contact with a resilient seal seat ensuring bubble-tight shutoff of liquid or gas. This is an ideal choice for applications that require positive leak-tight sealing and long service life at pressures to 6000 PSI. Standard and specialty valves handle a wide variety of applications.

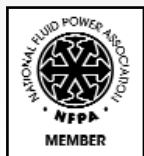
### Features and Benefits:

- *Flexible Seal Seat™* for zero leak (bubble-tight) sealing to 6000 PSI
- 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:

- End Connections: Pipe or Tube (NPT, JIC; 12 combinations)
- Port Sizes: 1/8 inch to 1 inch (3.2 mm to 25 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
- Relief/Check Valve 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 6000 PSI (414 bar)
- Flow: to 25 GPM (95 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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