



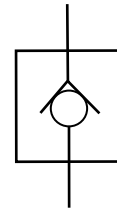
KEPNER PRODUCTS COMPANY

ESTABLISHED IN 1948

INNOVATIVE ZERO LEAKAGE CONTROL VALVES FOR LIQUID AND GAS



Split Flange Check and Relief/Check Valves



The flanged, spring-operated, poppet valves allow free flow in only one direction and prevent backflow. They are also used for relief and by-pass functions. The valves can be direct mounted to pumps, motors, and other such applications where threaded end connections are impractical or inconvenient. Kepner's *Flexible Seal Seat™* combines metal-to-metal contact with a resilient seal seat ensuring dependable bubble-tight shutoff of liquid or gas, as well as surge protection and long service life. Standard and specialty valve designs handle a wide variety of applications.

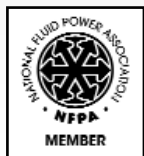
Features and Benefits:

- *Flexible Seal Seat™* for zero leak (bubble-tight) seal at low and high pressures
- SAE 4-bolt, Code 61 mounting; easy installation and maintenance
- O-Ring seal positively secured
- Poppet stop inside valve body prevents spring from bottoming out
- Generous flow passages allow full flow with minimal pressure drop

Valve Specifications:

- Nominal SAE Flange Sizes: 3/4 inch to 2 inch (19 mm to 51mm)
- Body Materials: Steel
- O-Ring Seals: Buna-N, Neoprene, Viton®, EP, other materials available
- Temperature: -300°F to 450°F (-184°C to 232°C), O-Ring dependent
- Check Valve Crack Pressure: 1 to 2 PSI (.07 bar to 0.14 bar)
- Relief/Check Valve Crack Pressures: 5 PSI (.35 bar), 10 PSI (0.7 bar), 25 PSI (1.7 bar), 50 PSI (3.5 bar), 65 PSI (4.5 bar), others available
- Operating Pressure: to 3000 PSI (207 bar)
- Flow: to 120 GPM (454 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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