Description:
A screw-in, poppet type, direct-acting, cartridge-style hydraulic relief valve. For use as a pressure limiting device for common hydraulic circuit protection.

Operation:
The DRV blocks flow from 1 to 2 until sufficient pressure at 1 to force the poppet from its seat. The cartridge offers fast response to load changes in typical hydraulic circuits requiring low hysteresis, low pressure rise and low internal leakage.

For cross-over applications, maximum recommended flow is 10 GPM (37.9 lpm) and maximum pressure is 3,000 PSI (207 bar).

Features:
- Hardened poppet and seat for long life and low leakage.
- Adjustable, fixed or tamper-resistant adjuster available.
- Compact size for minimal space requirements.
- Optional spring ranges.
- Industry standard cavity.

Ratings:
Rated Flow: Port 1 to 2: 30 GPM (113.6 lpm)
Operating Pressure: 6,000 PSI (415 bar)
Operating Temperature: -31°F (-35°C to 121°C)
Crack (Set) Pressure Defined: PSI (bar) evident at 0.25 GPM (.95 lpm)
Reseat Pressure: Nominal 85% of crack pressure
Leak Rate: Less than 5 drops per minute
Approx. Weight: .5 lbs. (0.23 kg)

Ordering Information:
Seal Replacement Kits, External:
- SRK-10-2N Buna-N
- SRK-10-2V Fluorocarbon (Viton)

Note: Alternate materials available, contact Doering.