



Relief Valve Type SRV

Sync-lok relief valves are designed such that when the upstream pressure exceeds the pressure required to operate the relief spring the lower seal opens allowing flow through the valve. As the flow through the valve increases proportional to the upstream pressure the valve will open fully.

Features

- Adjustments to the cracking pressure are made externally and can be made while the valve is in operation.
- Blow-out Proof seat
- Back pressure has virtually no effect on cracking pressure
- Lock wire in place to ensure settings are tamper proof.

Specification

- End Connection Sizes: 1/4", 3/8", 1/2"
- End Connections available:
NPT, BSPT, Compression, Male, Female.
- Angle Pattern only.
- Working Pressure: 0 - 6,000 psi (414 Bar)
- Orifice Size 3.6 Dia.
- Temperature Ranges:
Viton 0° - 250°F (-18° to 121°C) Standard
Buna-N 0° - 225°F (-10° to 107°C)
- Cracking Pressures:
Can be Factory set for cracking pressure.

Materials of Construction

- 316 Grade Stainless Steel
- Optional Sour Gas Services available
- Conforms to NACE. MR - 01 - 75
- All Valves are 100% factory tested with Nitrogen for crack and reseal performance prior to shipment.

Note: Valves may initially crack at a higher cracking pressure than subsequent cracking pressure if they are not operated for extended periods of time.



Ordering Code

SRV	Sync-Lok Relief Valve Designator
PR1	Spring Pressure Rating
SS	Material (Stainless Steel)
04	Connection Size
FF	Style (MxM; MxF; FxF; Tube x Tube)