



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

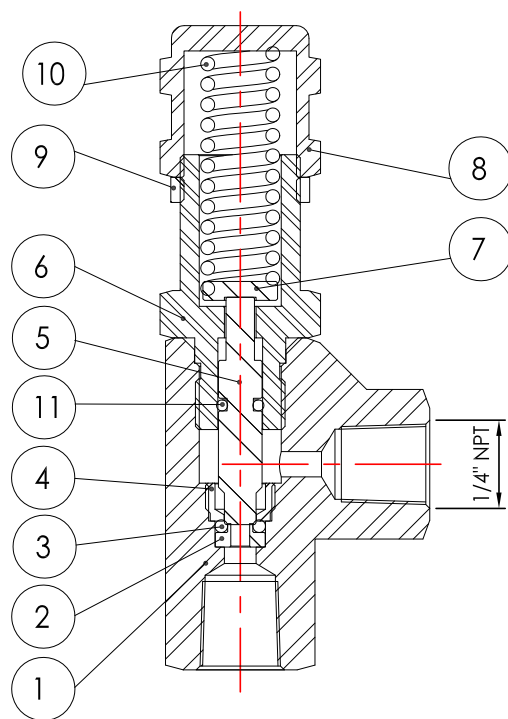
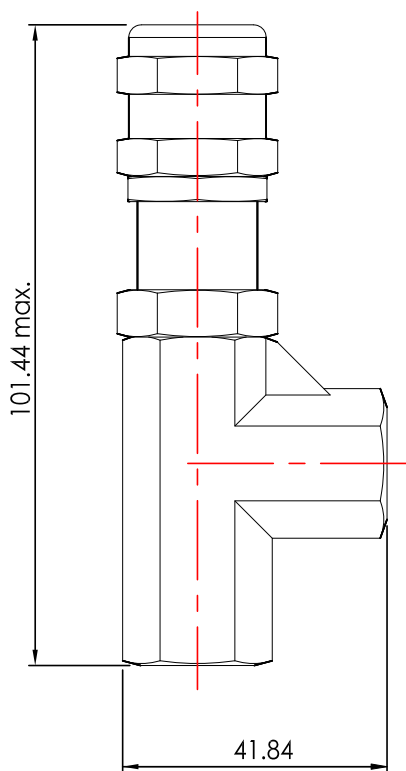
- 316 Grade Stainless Steel
- Optional Sour Gas Services available
- Conforms to NACE. MR - 01 - 75
- All Valves are 100% factory tested with Nitrogen for crack and reseal performance prior to shipment.

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

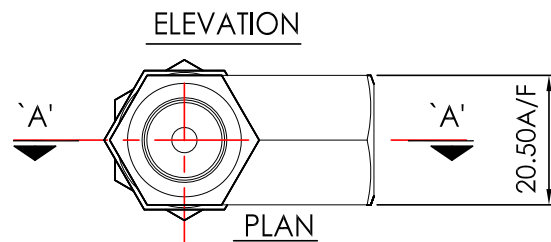


Ordering Code

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)

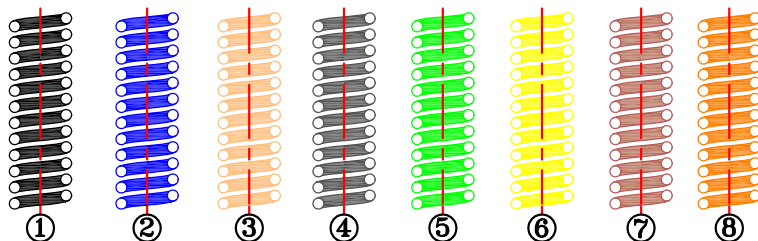


SECTION-`AA`



PARTS LIST			
S.NO.	PART NAME	QTY.	MATERIAL
1	BODY	1	S.S.316
2	'O' RING CAP	1	S.S.316
3	'O' RING	1	VITON/NEOPRENE
4	'O' RING NUT	1	S.S.316
5	SPINDLE	1	S.S.316
6	ADAPTOR	1	S.S.316
7	SPINDLE CAP	1	S.S.316
8	CAP	1	S.S.316
9	LOCK NUT	1	S.S.316
10	SPRING	1	S.S
11	'O' RING	1	VITON/NEOPRENE

SPRING KITS			
NO.	SPRING COLOR	PSIG	BARS
1	WHITE	50-350	3.4 - 24
2	BLUE	350-750	24 - 51.5
3	GOLD	750-1500	51.5 - 103
4	BLACK	1500-2250	103 - 155
5	GREEN	2250-3000	155 - 206
6	YELLOW	3000-4000	206 - 275
7	BROWN	4000-5000	275 - 344
8	ORANGE	5000-6000	344 - 413



Sync-Lok

Locations

Sync-Lok, Inc.
407 Newburg Avenue
Catonsville, MD 21228
Ph: 410-869-3480
Fax: 410-869-3482

Sync-Lok, Inc.
6 Janice Street
Stanhope, NJ 07874
Ph: 973-810-2773
Fax: 973-810-2774