

W e . s u p p o r t . t h e
i n n o v a t i o n s . o f . c u s t o m e r s

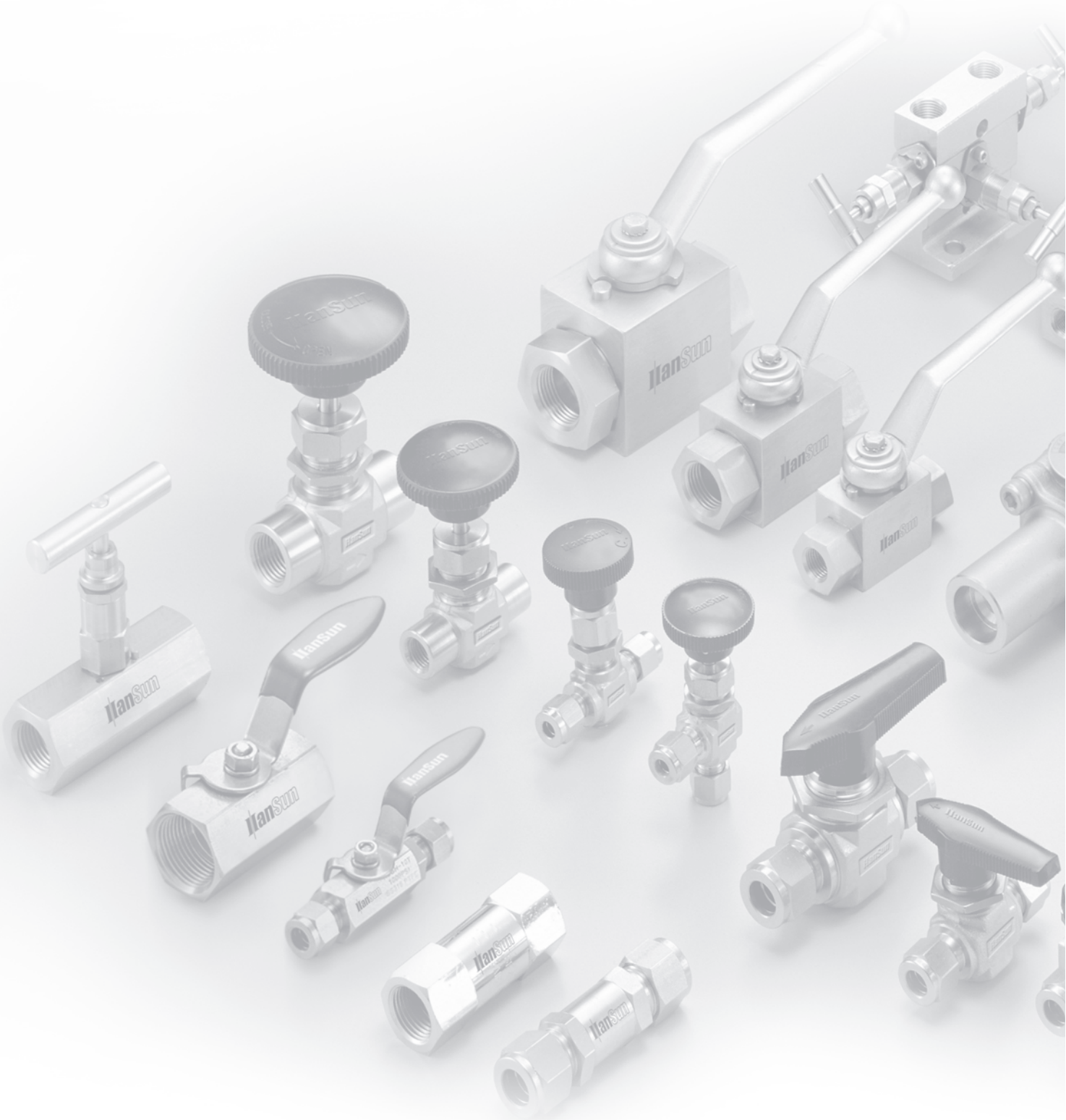
Leak - Proof Flow & Control

The Best Partner
for Value Creation

Solution Partner

S-LOK[®] Check & Relief Valves






Check Valves

SCV, SCP, SCA, SCH SERIES

SCV30
Series  5~6

SCP30
Series  7

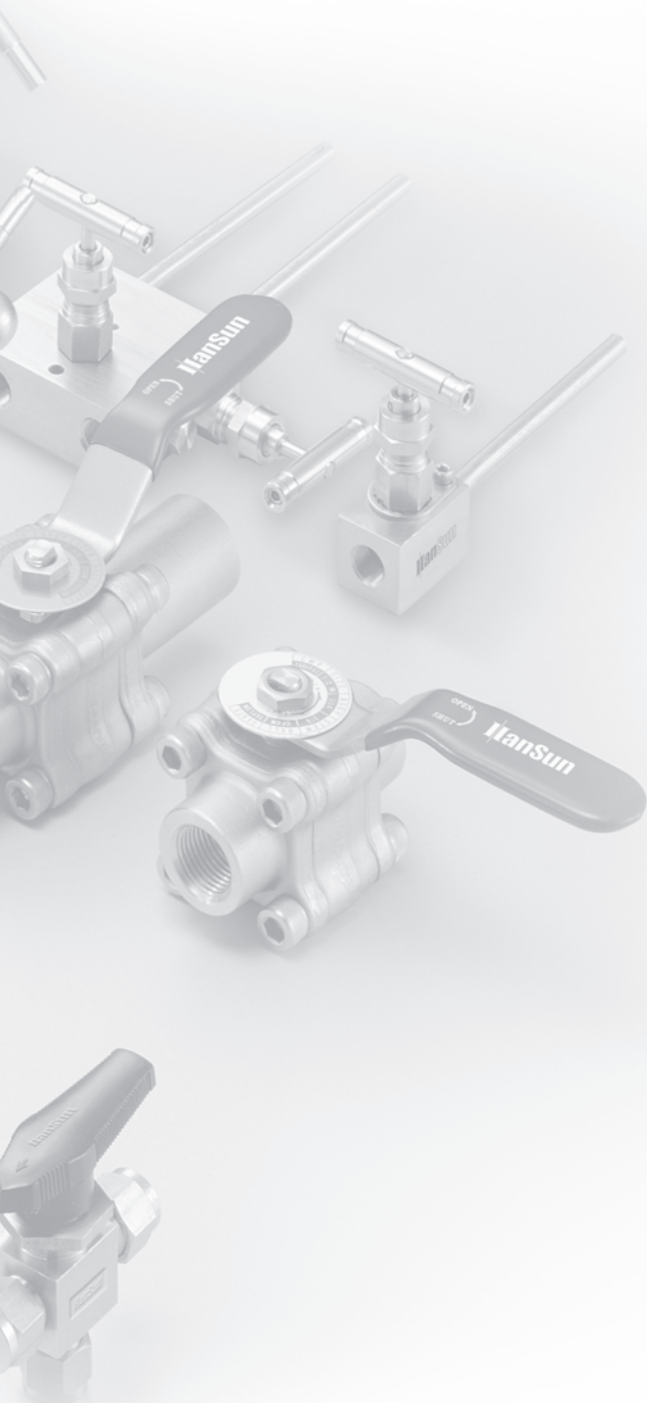
SCA30
Series  8

SCH60
Series  9~11

Relief Valves

SRV SERIES

SRV 30, 60
Series  12~14



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S-LOK® Check Valves

Check Valves



SCV30



SCP30

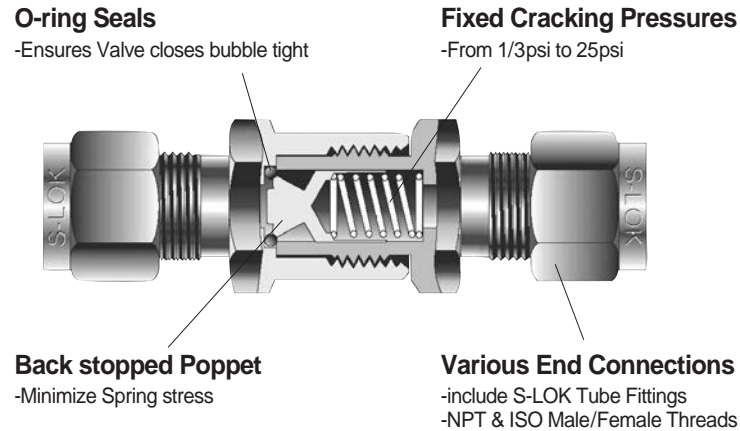


SCA30



SCH60

SCV30 Series For working pressure up to 3000 psig(206bar)



Features

- Pressure rating up to 3,000psig (206bar) @ 70°F (21°C).
- Temperature rating up to 375°F (191°C) with Standard Viton O-ring.
- Choice of materials : Standard S316 and Brass.
- Cracking pressures include : 1/3, 1, 3, 10, 25, 50psi.
- Heat code traceability.
- Every valve is 100% factory tested for cracking and reseal.

Technical Data

| Valve Series | SCV1, SCV2, SCV3 | SCV4, SCV5, SCV6 |
|-------------------------------------|--|---|
| Max. Working Pressure @ 70°F (21°C) | S316 and Brass 3000psi (206bar) | S316: 2000psi(137bar) Brass: 1500psi(103bar) |
| Operating Temperature Range | Viton : -10°F to 375°F (-23°C to 190°C) Buna-N : -4°F to 221°F (-20°C to 105°C) | |
| Nominal Cracking Pressure | 1/3, 1, 3, 10, 25, 50psi | |

Cracking, Reseal and Back Pressure

• Cracking Pressure

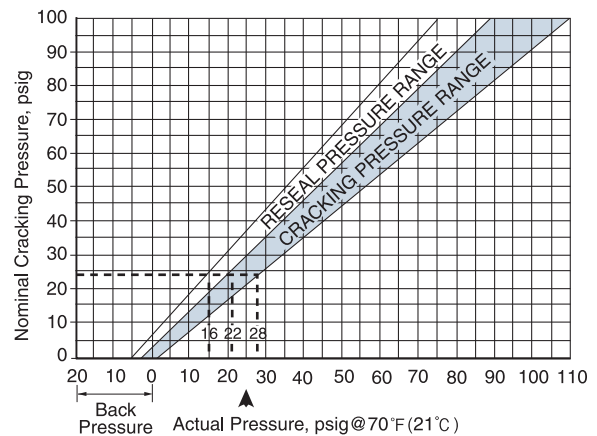
The upstream pressure at which a detectable flow is Measured. The Check valve is actuated when the pressure difference between the inlet and the outlet reaches the range of cracking pressure.

• Reseal Pressure

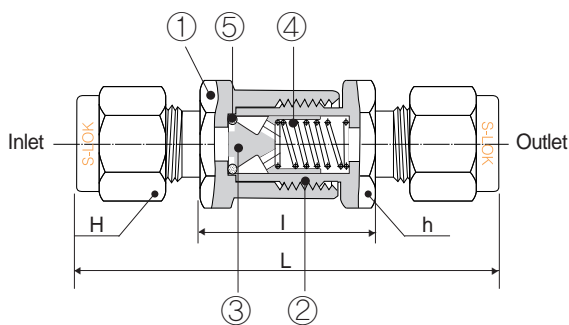
The downstream pressure at which the check valve closes bubble-tight. The Check valves that have higher cracking pressure can be resealed to bubble-tight by the spring force. The reseal pressure is the pressure at the same flow direction, but lower than the cracking pressure.

• Back Pressure

The Check valves that have cracking pressure 5psi(0.34bar) and lower may not be able to return to the bubble-tight seal. This may require back pressure to press the seal to form a bubble-tight contact in addition to the spring force.



- Note** -When the check valve is not actuated for a period of time, it may require initially crack at higher than the above cracking pressure ranges.
-Check valves are designed for directional flow control only. Therefore **HANSUN check valves** should never be used as code Safety relief devices.



Materials of Construction

| Item | Description | Valve Body Materials | |
|------|-------------|----------------------|-----------|
| | | S316 | Brass |
| 1 | Body | S316/A479, A276 | Brass |
| 2 | Connector | | Brass |
| 3 | Poppet | S316/A479, A276 | Brass/B16 |
| 4 | Spring | S302 | |
| 5 | O-ring | Viton | |

*Silicone-based Lubricant for poppet.
Wetted parts are listed in orange color.

Ordering Information and Dimensions

| Basic Ordering Number | Orifice mm(inch) | Cv | End Connections Inlet/Outlet | Dimensions (mm) | | | |
|-----------------------|------------------|------|------------------------------|-----------------|--------------|--------------|-------------|
| | | | | h | H | L | I |
| SCV1 | 4.8 (0.19) | 0.16 | 1/8" S-LOK | 15.88(5/8) | 11.11(7/16) | 55.60(2.19) | 25.00(0.98) |
| | | | 1/8" Male NPT | | | | |
| | | | 1/8" Female NPT | | | | |
| | | | 1/4" S-LOK | | | | |
| | | | 6mm S-LOK | | | | |
| | | | 1/4" Male NPT 1/4" S-LOK | | | | |
| | | | 1/4" Male NPT | | | | |
| SCV2 | 7.1 (0.28) | 1.48 | 1/4" Female NPT | 19.05(3/4) | 17.46(11/16) | 65.50(2.58) | 27.10(1.07) |
| | | | 3/8" S-LOK | | | | |
| | | | 10mm S-LOK | | | | |
| | | | 3/8" Male NPT | | | | |
| SCV3 | 10.0 (0.39) | 1.7 | 3/8" Female NPT | 22.22(7/8) | 22.22(7/8) | 80.20(3.16) | 36.20(1.43) |
| | | | 1/2" S-LOK | | | | |
| | | | 12mm S-LOK | | | | |
| | | | 1/2" Male NPT | | | | |
| SCV4 | 13.5 (0.53) | 2.6 | 1/2" Female NPT | 28.58(1-1/8) | 25.40(1) | 91.80(3.61) | 48.10(1.89) |
| | | | 5/8" S-LOK | | | | |
| SCV5 | 16.0 (0.63) | 5.2 | 3/4" S-LOK | 31.75(1-1/4) | 28.58(1-1/8) | 110.70(4.35) | 67.00(2.64) |
| | | | 3/4" Male NPT | | | | |
| | | | 3/4" Female NPT | | | | |
| SCV6 | 18.0 (0.71) | 8.0 | 1" S-LOK | 34.93(1-3/8) | 38.1(1-1/2) | 121.10(4.77) | 68.40(2.69) |
| | | | 1" Female NPT | | | | |
| | | | 1" Male NPT | | | | |

• Spring Cracking, Reseal and Back • Pressure-Temperature Ratings Pressure at @70°F(21°C)

Ratings based on Viton O-ring in S316 stainless steel valves and NBR O-ring in brass valves.

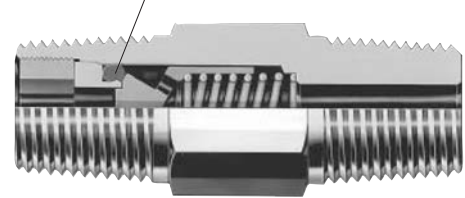
| Spring Nominal Cracking Pressure | | Cracking Pressure Ranges | | | | Reseal Pressure | | Series | SCV1, SCV2, SCV3, SCV4 SCA1, SCA2, SCA3 SCP1, SCP2 | SCV5, SCV6 | S316 SCH Series | | | |
|----------------------------------|------|--------------------------|---------------|------|------|--------------------------|------|--------------------------------|--|------------|------------------------------|------------|-----------|-----------|
| psig | bar | Min. Pressure | Max. Pressure | psig | bar | psig | bar | | | | Working Pressure, psig (bar) | | | |
| psig | bar | psig | bar | psig | bar | psig | bar | S316 | Brass | S316 | Brass | SCH1, SCH2 | SCH3 | |
| 1/3 | 0.02 | 0 | 0 | 3 | 0.21 | Up to 6 back pressure | 0.41 | -10°F to 100°F (-23°C to 37°C) | 3000(206) | 3000(206) | 2000(137) | 1500(103) | 6000(413) | 5000(344) |
| 1 | 0.07 | 0 | 0 | 4 | 0.28 | Up to 5 back pressure | 0.34 | 200°F (93°C) | 2575(177) | 2600(179) | 1715(118) | 1300(89) | 5160(355) | 4290(295) |
| | | | | | | Up to 4 back pressure | 0.28 | 250°F (121°C) | 2450(168) | 2405(165) | 1630(112) | 1250(86) | 4910(338) | 4080(281) |
| 3 | 0.21 | 2 | 0.14 | 7 | 0.48 | Up to 4 back pressure | 0.28 | 300°F (148°C) | 2325(160) | - | 1545(106) | - | 4660(321) | 3875(267) |
| | | | | | | Up to 4 back pressure | 0.28 | 375°F (190°C) | 2185(150) | - | 1450(99.9) | - | 4375(301) | 3640(250) |
| 10 | 0.69 | 7 | 0.48 | 15 | 1.03 | 3 | 0.21 | 400°F (204°C) | | | | | 4280(294) | 3560(245) |
| 25 | 1.72 | 20 | 1.38 | 30 | 2.07 | 17 | 1.17 | | | | | | | |
| 50 | 3.45 | 40 | 2.76 | 60 | 4.14 | 35 | 2.41 | | | | | | | |
| 75 | 5.17 | 60 | 4.14 | 90 | 6.2 | 53 | 3.65 | | | | | | | |
| 100 | 6.89 | 80 | 5.51 | 120 | 8.27 | 70 | 4.82 | | | | | | | |

SCP30 Series For working pressure up to 3000 psig(206bar)

Features

- Pressure rating up to 3,000psig (206bar) @ 70°F (21°C).
- Temperature rating up to 375°F (191°C) with Standard Viton O-ring.
- Choice of materials : Standard S316 and Brass.
- Cracking pressures include : 1/3, 1, 3, 10, 25, 50psi.
- Heat code traceability.
- Every valve is 100% factory tested for cracking and reseal.

Fully contained O-ring seal
blow-out proof design



Compact, one-piece body

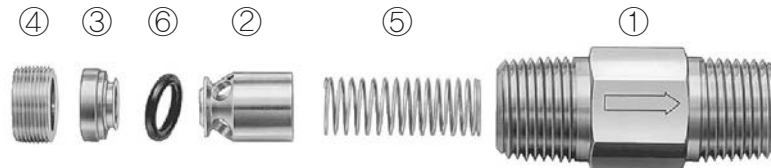
Technical Data -Spring Cracking, Reseal and Back Pressure @70°F(21°C)

| Spring Nominal Cracking Pressure | | Applied Working Pressures-psig(bar) | | | | Reseal Pressure | |
|----------------------------------|------|-------------------------------------|------|---------------|------|-----------------|------|
| | | Min. Pressure | | Max. Pressure | | | |
| psig | bar | psig | bar | psig | bar | psig | bar |
| 1/3 | 0.02 | 0 | 0 | 3 | 0.21 | up to 6 | 0.41 |
| | | | | | | Back pressure | |
| 1 | 0.07 | 0 | 0 | 4 | 0.28 | up to 5 | 0.34 |
| | | | | | | Back pressure | |
| 10 | 0.69 | 7 | 0.48 | 15 | 1.03 | 3 | 0.21 |
| 25 | 1.72 | 20 | 1.38 | 30 | 2.07 | 17 | 1.17 |

Materials of Construction

| Item | Description | Valve Body Materials | |
|------|---------------|----------------------|-------|
| | | S316 | Brass |
| 1 | Body | S316 /A276, A479 | Brass |
| 2 | Poppet | | |
| 3 | Insert | | |
| 4 | Locking Screw | S302/A313 | |
| 5 | Spring | Viton | NBR |
| 6 | O-ring | | |

*Silicone-based Lubricant for poppet.
Wetted parts are listed in orange color.

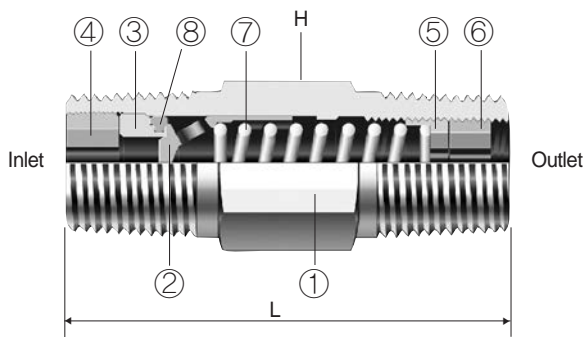


Ordering Information and Dimensions

| Basic Ordering Number | Cv | End Connections | | | Dimensions mm(inch) | |
|-----------------------|------|-----------------|-------------------|--------|---------------------|---------------|
| | | Size | Inlet | Outlet | L | H |
| SCP1 | 0.35 | 1/4" | Male NPT | | 41.1(1.62) | 14.28(9/16) |
| | | 1/4" | Male ISO | | | |
| | | 1/4" | Female NPT | | 61.2(2.41) | 19.05(3/4) |
| | | 1/4" | Female ISO | | | |
| | | 1/4" | Male / female NPT | | | |
| | | 1/4" | Female / male NPT | | | |
| SCP2 | 1.20 | 1/2" | Male NPT | | 57.9(2.28) | 22.22(7/8) |
| | | 1/2" | Female NPT | | 94.2(3.71) | 26.98(1-1/16) |
| | | 1/2" | Male / female NPT | | 71.9(2.83) | |

All dimensions shown are for reference only and are subject to change.

SCA30 Series For working pressure up to 3000 psig(206bar)



Materials of Construction

| Item | Description | Valve Body Materials | |
|------|-------------------|----------------------|-------|
| | | S316 | Brass |
| 1 | Body | S316 /A276, A479 | Brass |
| 2 | Poppet | | |
| 3 | Insert | | |
| 4 | Insert Lock Screw | | |
| 5 | Adjusting Screw | | |
| 6 | Locking Screw | S302/A313 | NBR |
| 7 | Spring | | |
| 8 | O-ring | Viton | NBR |

* Silicone-based Lubricant for poppet.
Wetted parts are listed in orange color.

Features

- Pressure rating up to 3,000psig (206bar) @ 70°F(21°C).
- Temperature rating up to 375°F(191°C) with Standard Viton O-ring.
- Choice of materials : Standard S316 and Brass.
- Cracking pressures include : 1/3, 1, 3, 10, 25, 50psi.
- Heat code traceability.
- Every valve is 100% factory tested for cracking and reseal.

• Spring Cracking Pressure Range Designator

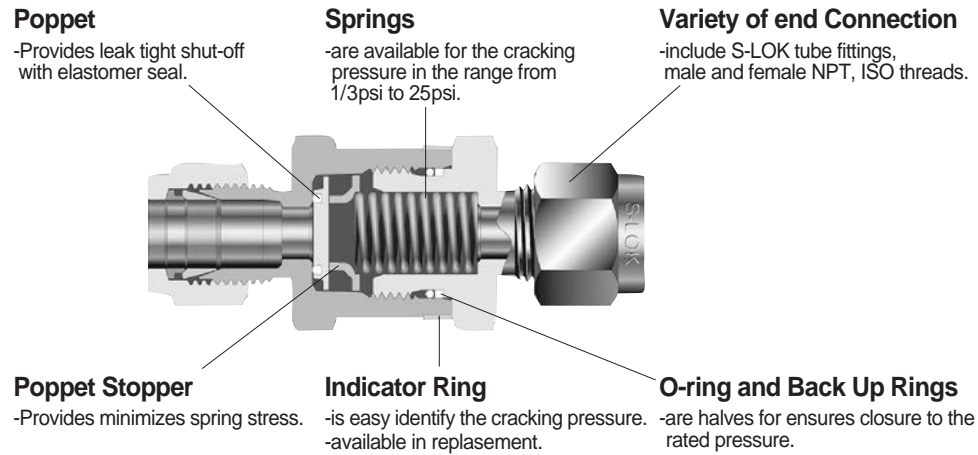
| Designator | Cracking Pressure | |
|------------|-------------------|--------------|
| | psi | bar |
| 3 | 3 to 50 | 0.21 to 3.5 |
| 5 | 50 to 150 | 3.5 to 10.4 |
| 150 | 150 to 350 | 10.4 to 24.2 |
| 350 | 350 to 600 | 24.2 to 41.4 |

Ordering Information and Dimensions

| Basic Ordering Number | | Cv | End Connections | | | Dimensions mm (inch) | |
|-----------------------|------|------|-----------------|------------|--------|----------------------|--------|
| | | | Size | Inlet | Outlet | L | H |
| SCA1 | F-4N | 0.35 | 1/4" | Female NPT | | 75.7(2.98) | 3 / 4 |
| | M-4N | | 1/4" | Male NPT | | 41.1(1.62) | 9 / 16 |
| | M-4R | | 1/4" | Male BSPT | | 41.1(1.62) | 9 / 16 |
| SCA2 | M-8N | 1.20 | 1/2" | Male NPT | | 65.0(2.56) | 7 / 8 |
| | M-8R | | 1/2" | Male BSPT | | 65.0(2.56) | 7 / 8 |

To order, add a cracking pressure range designator to the basic ordering number and then specify valve material designator.
Example : SCA1-M-4N-3-S6

SCH60 Series For working pressure up to 6000 psig(413bar)



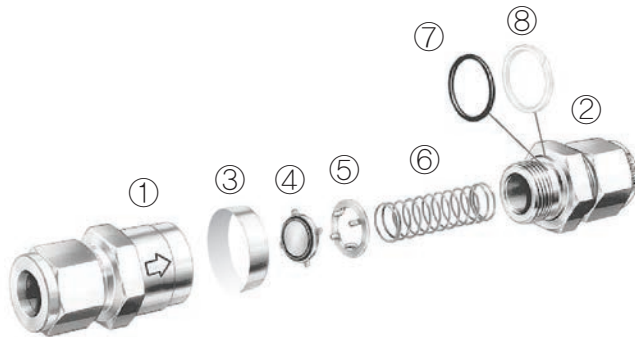
Features

- Pressure rating up to 6000psi (413bar) @70°F (21°C).
- Temperature rating up to 375°F(191°C) with standard Viton O-ring.
- S316 Stainless steel body as standard.
- Suitable for gas and liquids.
- Cracking pressures include : 1/3, 1, 3, 10, 25, 50psi.
- Heat code traceability.
- Every valve is 100% factory tested for cracking and reseal.

Technical Data

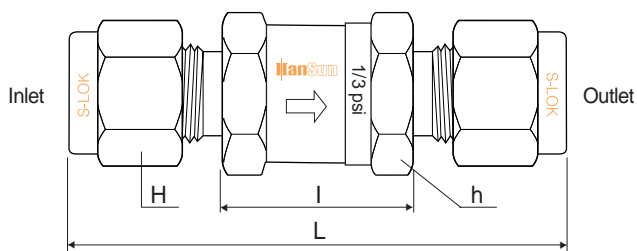
| Description | S316 | | |
|--|---|------|------------------|
| | SCH1 | SCH2 | SCH3 |
| Series | SCH1 | SCH2 | SCH3 |
| Flow Coefficient (Cv) | 0.67 | 1.8 | 4.7 |
| Working Pressure and Back Pressure @ 70°F(21°C) 70°F(21°C) | 6000psi (413bar) | | 5000psi (344bar) |
| Operating Temperature Range | Viton : -10°F to 375°F (-23°C to 190°C) | | |
| Nominal Cracking Pressure | 1/3, 1, 5, 10, 25psig | | |

Materials of Construction



| Item | Description | A479Valve Body Materials | |
|------|----------------|--------------------------|--------------------|
| | | Material Grade | ASTM Specification |
| 1 | Body | S316 | A479 or A276 |
| 2 | Connector | | |
| 3 | Indicator Ring | | |
| 4 | Poppet | Viton-bonded S316 | |
| 5 | Poppet Stopper | S316 | A313 |
| 6 | Spring | S302 | |
| 7 | O-ring | Viton | |
| 8 | Back Up Ring | PTFE | |

* Silicone-based Lubricant for poppet.
Wetted parts are listed in orange color.



Ordering Information and Dimensions

| Basic Ordering Number | Orifice mm | Cv max. | End Connections | | | Pressure Rating psig(bar) | Dimensions mm (inch) | | | |
|-----------------------|------------|---------|-----------------|------------|--------|---------------------------|----------------------|------------|------------|------------|
| | | | Size | Inlet | Outlet | | L | I | H | h |
| SCH1 | 4.8 | 0.67 | 1/8" | S-LOK | | 6000(413) | 57.7(2.27) | 26.4(1.04) | 7/16 | 11/16 |
| | | | 1/4" | S-LOK | | | 61.7(2.43) | | 9/16 | |
| | | | 6mm | S-LOK | | | 54.1(2.13) | | 14.0 | |
| | | | 1/4" | Female NPT | | | 45.5(1.79) | | | |
| | | | 1/8" | Male NPT | | | 55.1(2.17) | | | |
| | | | 1/4" | Male NPT | | | | | | |
| SCH2 | 7.8 | 1.8 | 3/8" | S-LOK | | 6000(413) | 69.9(2.75) | 31.2(1.23) | 11/16 | 1 |
| | | | 1/2" | S-LOK | | | 75.2(2.96) | | 7/8 | |
| | | | 8mm | S-LOK | | | 68.6(2.70) | | 16 | |
| | | | 10mm | S-LOK | | | 71.1(2.80) | | 19 | |
| | | | 12mm | S-LOK | | | 75.2(2.96) | | 22 | |
| | | | 3/8" | Female NPT | | | 5000(344) | | 64.8(2.55) | |
| | | | 1/2" | Female NPT | | 4600(316) | 77.0(3.03) | | 1-1/16 | |
| | | | 3/8" | Male NPT | | 6000(413) | 59.9(2.36) | 31.2(1.23) | | 1 |
| | | | 1/2" | Male NPT | | | 69.3(2.73) | | | |
| | | | 1/2" | Female ISO | | 4600(316) | 83.6(3.29) | | 1-1/16 | |
| | | | 1/2" | Male ISO | | 6000(413) | 69.3(2.73) | 31.2(1.23) | | 1 |
| | | | SCH3 | 15.0 | 4.7 | 3/4" | S-LOK | | 5000(344) | 89.4(3.52) |
| 1" | S-LOK | | | | | 98.6(3.88) | 1-1/2 | | | |
| 22mm | S-LOK | | | | | 88.4(3.48) | 32 | | | |
| 25mm | S-LOK | | | | | 98.6(3.88) | 40 | | | |
| 3/4" | Female NPT | | | | | 4300(296) | 82.0(3.23) | 82.0(3.23) | | |
| 1" | Female NPT | | | | | 4100(282) | 97.3(3.83) | 97.3(3.83) | | |
| 3/4" | Male NPT | | | | | 5000(344) | 83.6(3.29) | 45.5(1.79) | | |
| 1" | Male NPT | | | | | | 93.2(3.67) | 45.7(1.80) | | |
| 3/4" | Female ISO | | | | | 4300(296) | 90.2(3.55) | 90.2(3.55) | | |
| 1" | Female ISO | | | | | 4100(282) | 97.3(3.83) | 97.3(3.83) | | |
| 3/4" | Male ISO | | | | | 5000(344) | 85.1(3.35) | 45.5(1.79) | | |
| 1" | Male ISO | | | | | | 93.2(3.67) | 45.7(1.80) | | |

Spring Cracking, Reseal and Back Pressure at @70°F(21°C)

| Nominal Spring Cracking Pressure | | Applied Working Pressures – psig(bar) | | | | Reseal Pressure | |
|----------------------------------|------|---------------------------------------|------|---------------|------|-----------------|------|
| | | Min. Pressure | | Max. Pressure | | psi | bar |
| psi | bar | psi | bar | psi | bar | | |
| 1/3 | 0.02 | 0 | 0 | 3 | 0.21 | up to 6 | 0.41 |
| | | | | | | Back pressure | |
| 1 | 0.07 | 0 | 0 | 4 | 0.28 | up to 5 | 0.34 |
| | | | | | | Back pressure | |
| 5 | 0.34 | 3 | 0.21 | 9 | 0.62 | up to 2 | 0.14 |
| | | | | | | Back pressure | |
| 10 | 0.69 | 7 | 0.48 | 15 | 1.03 | 3 | 0.21 |
| 25 | 1.72 | 20 | 1.38 | 30 | 2.07 | 17 | 1.17 |

O-Ring Seal Materials

| Material | Designator | Temperature Rating°C(°F) | Application |
|----------|------------|---------------------------------|---|
| NBR | NB | -20°C to 105°C (-4°F to 221°F) | Petroleum-based hydraulic and lubricating oils, animals and vegetable oils, acetylene, alcohols, air, alkalis, fuel oils and many other media. |
| Viton | VT | -23°C to 190°C (-10°F to 375°F) | High-quality compounds for high temperatures, Synthetic and hydraulic fluids; a wide range of chemicals, heavily oxidizing acids, suitable for vacuum. |
| EPDM | EP | -45°C to 148°C (-50°F to 300°F) | Chemical resistance : nonflammable hydraulic fluids (Skydrol, Pydraul, Lindol, Cellulube 150, phosphoric esters), pure aniline, fire extinguisher liquids (chlorobromo-methane), acid ;excellent resistance to hot water and steam. |
| *Kalrez | KA | -23°C to 315°C (-10°F to 599°F) | Superior compounds for high temperature and most chemicals. This compound combines the chemical properties of PTFE with the mechanical properties of Viton. |

Viton is standard for S316 valves and NBR is standard for Brass valves.

*Kalrez : TM Dupont

• Sour Gas Service

-for sour gas application, materials for wetted components are selected according to NACE MR 0175.

| | |
|-------------------------------|---|
| Pressure Rating at 70°F(21°C) | SCH1 and SCH2 Series : 5000psig(344bar) SCH3 Series : 4700psig(323bar) |
| Temperature Rating | -50°F to 300°F (-45°C to 148°C) |
| Normal Cracking Pressure | 1/3, 1, and 5psig(0.02, 0.07, 0.34bar) |
| End Connections | 1/4, 3/8, 1/2, 3/4, and 1" S-LOK Tube Fittings |
| Material of Construction | Body, Poppet-Alloy 400 Poppet stopper-S316 Seals-ethylene propylene Spring-Alloy X750 Back up ring-PTFE Indicator ring-stainless steel |

To order, add designator-SG as a suffix to the basic part number with cracking pressure.

Example : SCH1-S-4T-1/3-SG-S6

• Fluorocarbon-Free Service

-for system where, PTFE and fluorinated compounds can not be tolerated.

| | |
|-------------------------------|--|
| Pressure Rating at 70°F(21°C) | Same as standard product. See standard technical data. |
| Temperature Rating | -50°F to 300°F (-45°C to 148°C) |
| Normal Cracking Pressure | Same as standard product. See standard technical data |
| End Connections | All end connection type and sizes. See table of dimensions. |
| Material of Construction | Body, Poppet, Poppet stopper-S316 Seals-ethylene propylene Spring-S302 Back up ring-PEEK Indicator Ring-stainless steel Lubricant-hydrocarbon based |

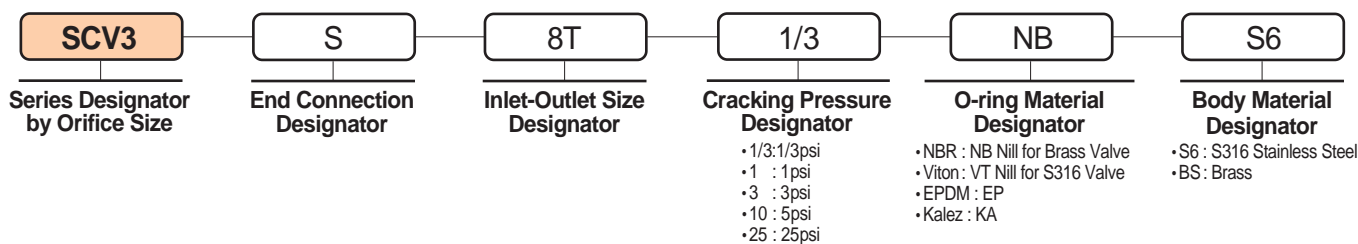
To order, add designator-FF as a suffix to the basic part number with cracking pressure.

Example : SCH1-S-4T-1/3-FF-S6

• Testing

-Every valve is factory tested for cracking and reseal performance.

• Ordering Information



• Safety in Valve Selection

-When selecting a valve, the total system design must be considered to ensure safe, trouble-free performance.

Valve function, materials compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibility of the system designer and user.

We · support · the
i n n o v a t i o n s · o f · c u s t o m e r s

Leak - Proof Flow & Control Solution Partner

The Best Partner
for Value Creation

S-LOK® Relief Valves

Relief Valves

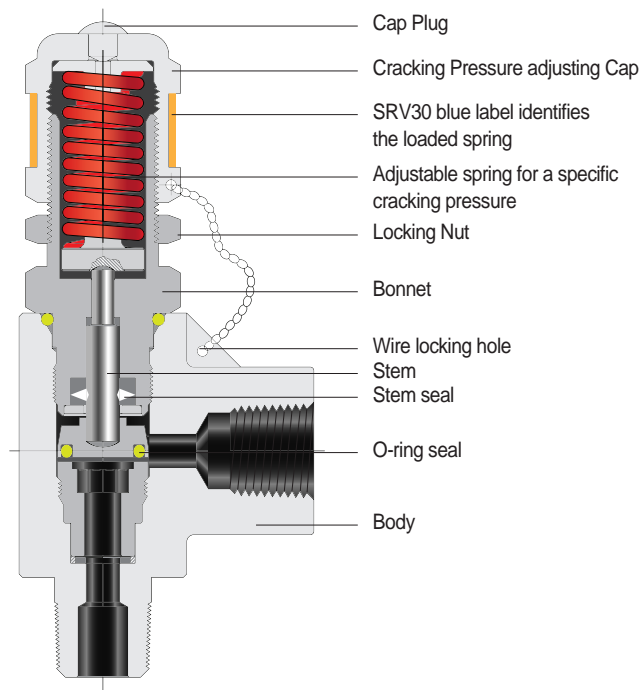


SRV30, SRV60

SRV Series Relief Valves

Product Information

Relief Valve SRV30 Series for 300 psig(21 bar)



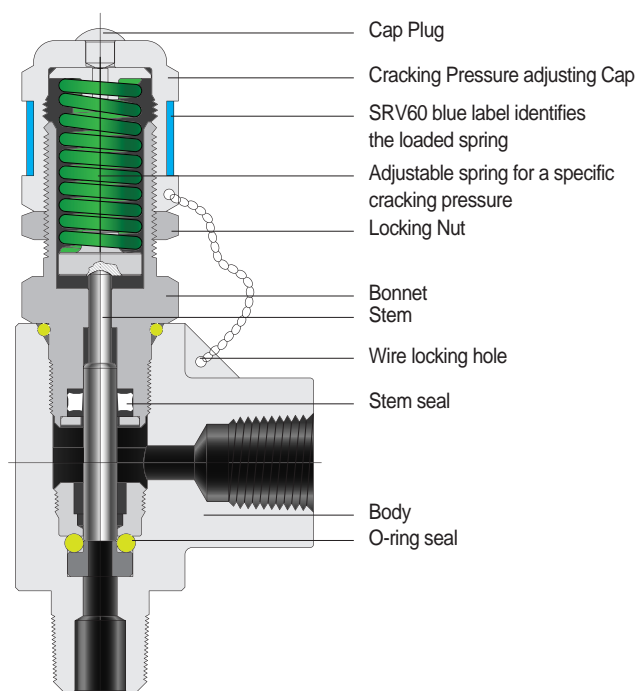
SRV30 Series Technical Data

- Maximum working pressure : 300 psig (21 bar)
- Cracking pressure range : 10 to 250 psig (0.68 to 17.2 bar)

| Spring Designator | Cracking Pressure | | Color code |
|-------------------|-------------------|--------------|------------|
| | psig | bar | |
| L | 10 to 250 | 0.68 to 17.2 | Red |

- Cv= 0.60
- Orifice : 4.8 mm (0.19 in)

Relief Valve SRV60 Series for 6,000 psig(413 bar)



SRV60 Series Technical Data

- Maximum working pressure : 6,000 psig (413 bar)
- Orifice size : 3.2 mm (0.13 in)
- Cv= 0.41
- Cracking pressure range : 50 to 6000 psig (3.4 to 413 bar)

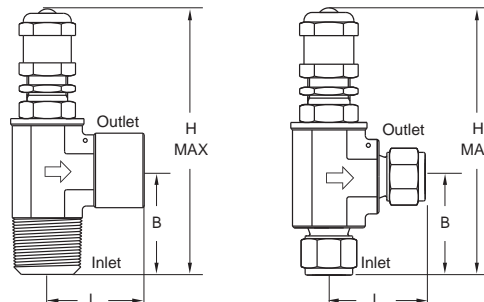
SRV60 Series Spring Designators

| Spring Designator | Cracking Pressure | | Color code |
|-------------------|-------------------|-------------|------------|
| | psig | bar | |
| A | 50 to 350 | 3.4 to 24 | White |
| B | 350 to 750 | 24 to 51.6 | Blue |
| C | 750 to 1500 | 51.6 to 103 | Clear |
| D | 1,500 to 2,250 | 103 to 155 | Black |
| E | 2,250 to 3,000 | 155 to 206 | Green |
| F | 3,000 to 4,000 | 206 to 275 | Yellow |
| G | 4,000 to 5,000 | 275 to 344 | Brown |
| H | 5,000 to 6,000 | 344 to 413 | Orange |

Product Information

Materials of Construction

| Cap Plug | Polypropylene |
|--------------------|---------------------------------------|
| Adjusting Cap | S316 / ASTM A276 or A479 |
| Spring | 17-7 PH SS / AMS 5678 D |
| Locking Nut | S316 ASTM A276 or A479 |
| Bonnet | |
| Poppet | |
| Stem & O-ring seal | Standard Viton, optional EPDM and NBR |
| Body | F316 / ASTM A182 |



Ordering Information and Table of Dimensions

| Basic Ordering NO. | End Connection | | Orifice mm.(in) | Dimensions mm (in.) | | | | |
|-----------------------|------------------|-------------------|-----------------|---------------------|------------|-----------|-----------|--|
| | Inlet | Outlet | | H | B | L | | |
| SRV30 and SRV60 | S-4T- | 1/4 S-LOK | 4.8 (0.19) | 100 (3.93) | 37 (1.45) | 39 (1.53) | | |
| | S-6M- | 6mm S-LOK | | | 38 (1.49) | 40 (1.57) | | |
| | S-8M- | 8mm S-LOK | | | | | | |
| | S-8T- | 1/2 S-LOK | | | 105 (4.13) | 44 (1.73) | 42 (1.65) | |
| | S-12M- | 12mm S-LOK | | | | | | |
| | MS-8N8T- | 1/2 Male NPT | | 1/2 S-LOK | 98 (3.85) | 36 (1.41) | 42 (1.65) | |
| | MS-8N12M- | 1/2 Male NPT | | 12mm S-LOK | | | | |
| | MF-4N- | 1/4 Male NPT | | 1/4 Female NPT | 94 (3.70) | 32 (1.25) | 30 (1.18) | |
| | MF-4R- | 1/4 Male ISO 7/1 | | 1/4 Female ISO7/1 | | | | |
| | MF-6N- | 3/8 Male NPT | | 3/8 Female NPT | | | | |
| | MF-6R- | 3/8 Male ISO 7/1 | | 3/8 Female ISO7/1 | | | | |
| | MF-8N- | 1/2 Male NPT | | 1/2 Female NPT | | | | |
| MF-8R- | 1/2 Male ISO 7/1 | 1/2 Female ISO7/1 | 98 (3.85) | 36 (1.41) | | | 38 (1.49) | |

All dimensions shown are for reference only and are subject to change. Dimensions with S-lok nuts are in finger-tighten position.

How to Order

Please select the desired valves basic ordering number, the applicable seal, spring designator and CE certified options from the table below.
Example : SRV60-S-4T-NBR-A-S6

| Seal Material designator | Spring Designator | Body Material |
|--------------------------|-------------------------------------|---------------|
| NIL :standard FKM | Refer to spring Designator table1,2 | S6:S316 |
| NBR : NBR | | |
| EP : EPDM | | |

Factory pressure set valve

•To order, specify the set pressure in the valve ordering number

Example : SRV60-S-4T-EP-60-S6 Valve without spring installed

•To order, do not specify spring designator on the ordering number

Example : SRV60-S-8T-NBR-S6

NOTE : the valve with no spring installed with the label stated

"NO SPRING INSTALLED" on the adjusting cap

Safe Valve Selection

The selection of a valve for any application to system design must be considered to ensure performance. Valve function, valve rating material compatibility, proper installation, operation and maintenance remain the sole responsibility of the system designer and the user, S-LOK accepts no liability for any selection, installation, operation or maintenance.

