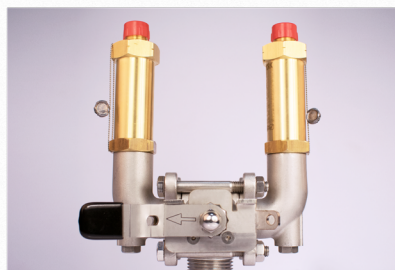
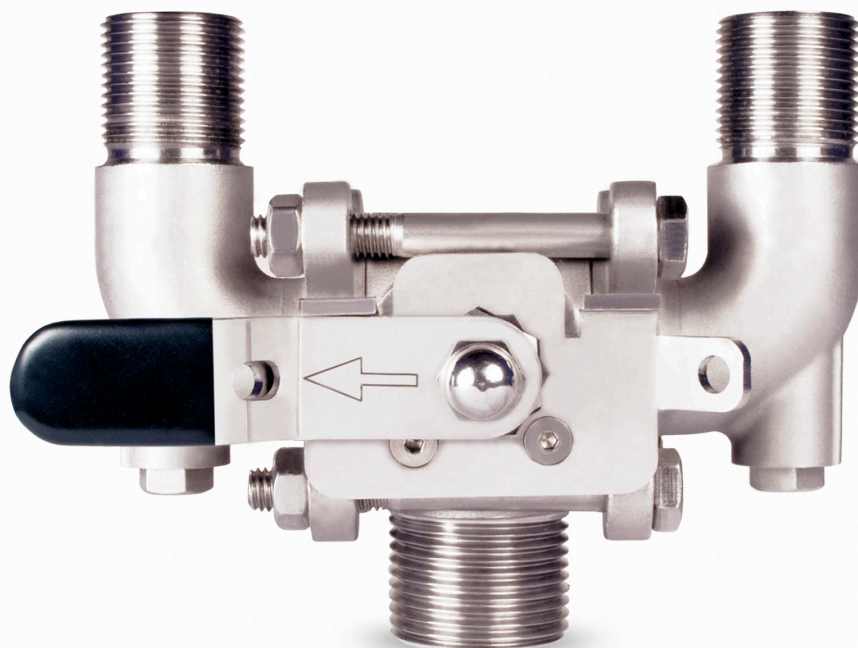


The Seetru Change-Over Valve

- Switch Over between parallel safety valves without interrupting operation. Used when plant shutdown is impossible or undesirable

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SEETRU



Features & Benefits:

- Designed in accordance with BS EN 378
- Pressure drops with 10.0 mm bore SRV in accordance with BS EN 13136
- Compact and easy to use design
- Seat leakage better than Class V (IEC60534-4)
- Ventable outlets for safe removal of safety valves
- Lockable handle (optional padlock available)
- Impossible to isolate both safety valves
- Designed for ease of maintenance, and failsafe correct assembly
- Robust Construction
- Broad Compatibility
- Can be fitted with a Bursting Disc
- Patented Design
- Can be supplied degreased for oxygen

Overview:

This valve is used if a plant shutdown is impossible or undesirable for process, engineering or commercial reasons. With change-over valves it is possible to switch over between parallel safety valves without interrupting operation, so that maintenance work can be carried out on each safety valve in turn.

Product Specifications:

System Connections	-	½" to 1" BSP, BSPT & NPT
Valve Connections:	-	½" NPT or 3/4" BSP (with or without orientators)
Change-Over Valve Kv:	-	10.0 (Cv= 11.5)
Materials of Construction:	-	Stainless Steel with either Carbon or Stainless Steel Adaptors / Orientators
Seat Material:	-	25% Carbon filled P.T.F.E.
Temperature:	-	-196°C to 200°C
Max Design Pressure:	-	75 bar g.
Material Certification:	-	BS EN ISO10204 3.1 Pressure Retaining Parts (Optional Extra)
Safety Valve Orifice Size:	-	Up to 10mm (Full Lift Type)
Maximum Safety Valve Set Pressure:	-	75.0 bar g.

Adaptor Options:



The COV10 has been designed to be as efficient as possible while delivering the same robust and reliable construction you have come to expect from Seetru. To complete the unit, Seetru supply a range of fittings and adaptors which allow for our change-over valve to be fitted to a wide variety of systems.

Operating Instructions

Two relief valves must be fitted to the COV10 before operating the change-over mechanism, one duty and one standby.

To change over from a duty to a standby safety relief valve (SRV): -

1. Unlock handle if locking device fitted (recommended).
2. Starting in a motion away from the duty SRV, rotate handle through 180°, either clockwise or anticlockwise dependent upon start position.
3. Once fully rotated, lock in position if locking device fitted (recommended).
4. If the now standby SRV is to be removed: with caution, un-tighten vent nut of standby Change-over arm by 1 to 2 revolutions to exhaust trapped fluid from change-over arm.
5. Once trapped fluid has de-pressurised, re-tighten vent plug with a tightening torque of 3.0 Nm.
6. Remove the standby SRV.
7. The user may plug the vacant outlet if desired, however sufficient safety procedures (for example Lock out Tag out) must be in place to prevent inadvertent change over, thus rendering the system un-protected against excessive pressure. If the outlet is plugged, vent arm of pressure, as previously described, prior to removal.

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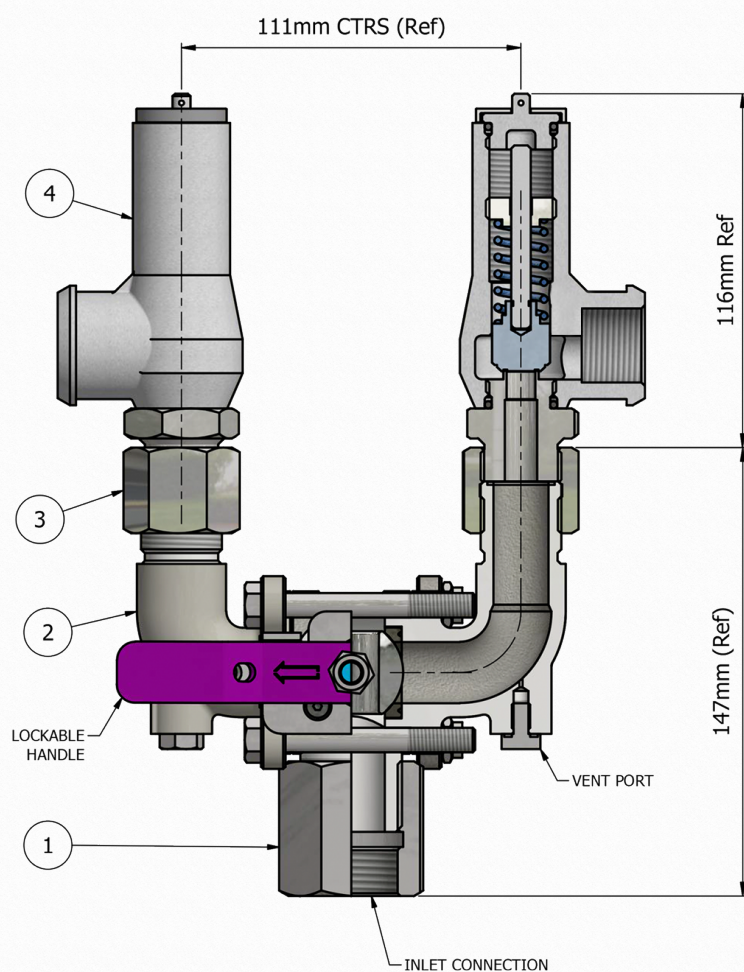
Enquiry Form

Seetru Limited, Albion Dockside Works, Bristol, BS1 6UT, England.

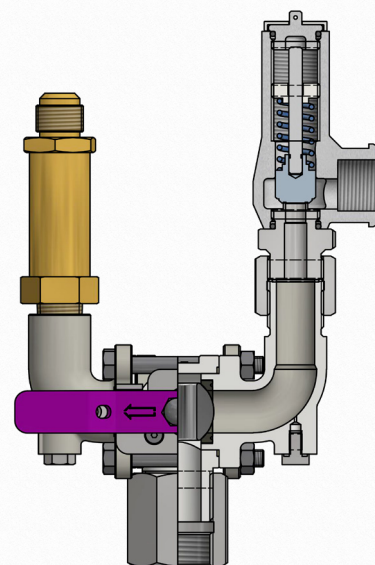
website: www.seetru.com | tel: +44 (0) 117 930 6100 | email: info@seetru.com

Materials Of Construction

This valve is used if a plant shutdown is impossible or undesirable for process, engineering or commercial reasons. With change-over valves it is possible to switch over between parallel safety valves without interrupting operation, so that maintenance work can be carried out on each safety valve in turn.



1	Components	Materials
2	Inlet Orientator	St.Stl
3	COV10	St.Stl / PTFE
4	RP10 Valve	Safety Valve & Materials To Suit Application



Example of COV10 with Inline Valve

Other Products & Services:

Seetru Products

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- [Stock Safety Valves](#) (Quick Delivery)
- [LGS® Safety Valves](#) (Liquid, Gas & Steam)
- [Auxiliary Valves](#)
- [Liquid Level Contents Gauges](#)
- [Window Sight Glasses](#)

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A comprehensive range available through our sister company Leser UK

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