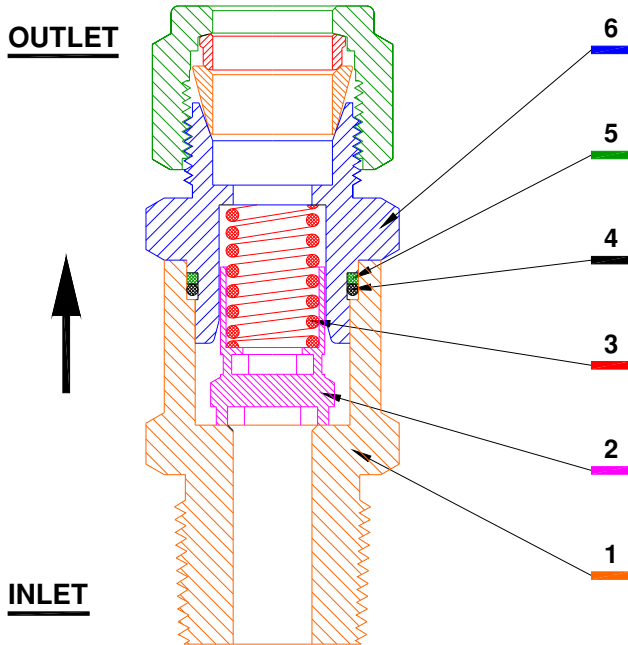




S.D.INDUSTRIES

EXCESS FLOW VALVE

MODEL : EFV



NO	DESCRIPTION	QTY	MATERIAL
1	INLET BODY	1	SS 316
2	POPPET	1	SS 316
3	SPRING	1	SPRING STEEL
4	O' RING	1	Fluorocarbon
5	BACKUP RING	1	PTFE
6	OUTLET BODY	1	SS 316

EXCESS FLOW VALVE

- The spring-loaded poppet remains in the open position during normal system operation. Should an excess flow condition occur downstream, the poppet rapidly moves to the tripped position, stopping uncontrolled release of system media. When the system pressure equalizes through the bleed vent, the spring automatically resets the poppet to the open position. The flow through the bleed vent is less than 1 % of the flow rate in the trip range.

FEATURES

Spring-loaded actuation

- Eases operation
- Allows valve to work in any orientation, enhancing system safety.

Slotted poppet

- Improves performance and reliability
- provides high-flow capacity
- eliminates nuisance tripping.

SPECIFICATION

Size

- Inlet / Outlet - 1/8", 1/4", 3/8", 1/2" male & female thread with NPT, BSP, SAE

Pressure Rating

- 6000 psig (413 bar) CWP

Temperature Rating

- Temperatures up to 400°F (204°C)

Material

- SS 316
- All valves are 100% Factory tested prior to shipment.