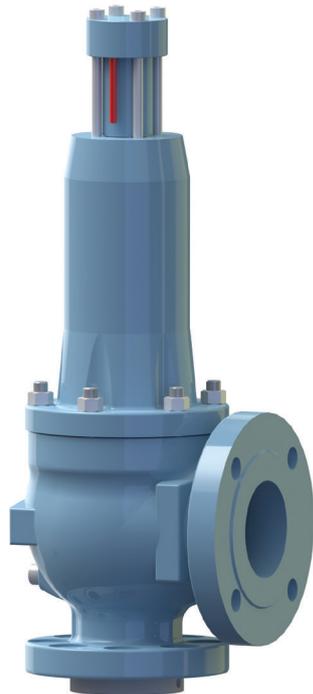




**SEMPELL SAFETY VALVE, API 526**  
MODEL SERIES S

Direct spring-operated safety relief valve acc. API 526 with ASME flanges



**FEATURES**

**Design**

- Single trim design for steam, gases and liquids
- Rigid light weight body construction
- Two-piece spindle
- Low friction thermo elastic guide
- Self-aligning spring assembly
- Low friction, spring compression
- Cap design ensures safe and reliable assembly of valve lifting levers
- Locking for hydrostatic test without additional parts, cap top doubles up as gagging device
- Gagged status indicator

**Functional**

- Pop action
- Mechanical lift stop ensures functional stability
- High allowable back pressure
- Available with actuator for use as pneumatic operated safety valve

**GENERAL APPLICATION**

- The Sempell Model Series S pressure relief valve provides overpressure protection from very basic to the most demanding applications.
- Type-tested for use with steam, gases and liquids (German TÜV, American NB & Chinese SELO)
- Series S is available in conventional balanced bellows and open bonnet type.

**TECHNICAL DATA**

Size inlet:	NSP 1" – NPS 8"
Pressure rating:	class 150 – class 2500
Temperature range:	-450 °F to +1000 °F
Set pressure:	15 – 6000 psi
Orifice diameter:	0.11 in <sup>2</sup> – 26 in <sup>2</sup>
Body material:	1.0619/SA216 WCB 1.7357/SA217 WC6 1.6220/SA352 LCC 1.4408/SA351 CF8M 1.4552/SA351 CF8C Other materials available on request
Accessories:	Cooling spacer, balanced piston, lifting lever, test gag, position indicator, reinforced bellows, adjusting ring, soft seat Other accessories on request

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