SEMPELL HIGH CAPACITY SAFETY VALVE

MODEL MAXIS

High Capacity "over-T" Relief Valve with DIN flanges, ASME flanges or welding end connection



FEATURES

- Single trim design for steam, gases and liquids
- Low friction thermoelastic guide
- Self-aligning spring assembly
- Low friction, spring compression
- Low maintenance
- Locking for hydrostatic test without additional parts, cap top doubles up as gagging device
- Pop action
- Mechanical lift ensures functional stability
- High allowable back pressure
- Available with actuator for use as pneumatic operated safety valve

GENERAL APPLICATION

The Sempell Model MaxiS pressure relief valve provides overpressure protection from very basic to the most demanding applications.
It is type-tested for use with steam, gases and liquids (German TÜV, American NB and Chinese SELO).
The MaxiS is available in conventional balanced bellows and open bonnet type.
The use of MaxiS allows to minimize the number of valves in cases, where the solely use of standard safety valves would require multiple valve installations. This results in less installation efforts and less maintenance costs.

TECHNICAL DATA

Size inlet:	DN 250 - DN 700 NPS 10 - NPS 28
Pressure rating:	PN 6 - PN 63 Class 150 - 300
Temperature:	-200 °C - +700 °C -450 °F - +1300 °F
Set pressure:	0.3 - 24 bar
Orifice diameter:	185 mm - 438 mm (T1 - Z)
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:	Balanced piston, cooling spacer, lifting lever, test gag, position indicator, reinforced bellows, adjusting ring, pneumatic actuator Other accessories available on request

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