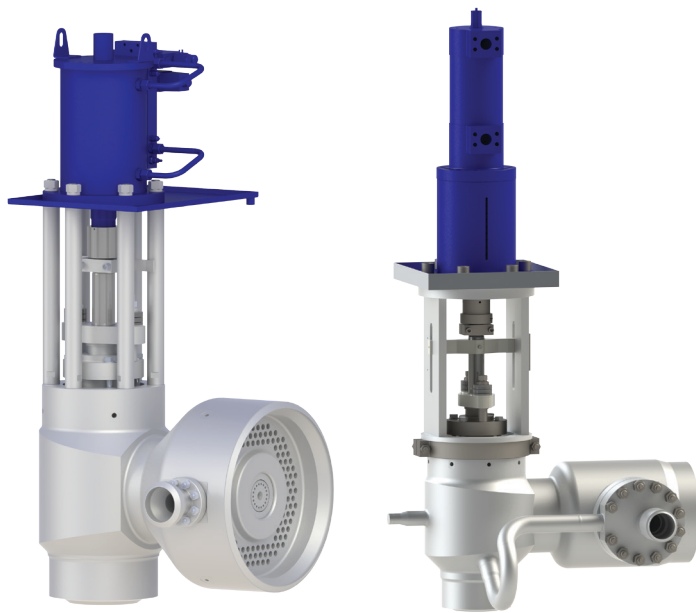




SEMPPELL HIGH PRESSURE BYPASS VALVE

MODEL 315

A range of high pressure turbine bypass and steam conditioning valves that provide greater reliability and flexibility under extreme conditions



FEATURES

- Body, optimized against stress.
- Steam tends to open.
- Failsafe position: open.
- Continuous operation possible.
- Excellent low load behavior.
- Multiple-stage trim.
- Low noise and no vibration.
- Internal atomizing steam extraction.
- No thermal shock.
- Short evaporation length.
- Actuation: hydraulic.

GENERAL APPLICATION

Steam turbine bypass valves with safety function and boiler protection at steam turbine trip according to DIN EN ISO 4126-5 (TRD 421). Safety function initiated by external steam testing device.
Controlling steam condition during boiler and turbine startup or shut down.
Applied in coal fired and gas fired power plants.

TECHNICAL DATA

Size:	DN 150 to DN 1500 NPS 06 to 60
Pressure:	Up to 320 bar Up to Class 4500
Temperature:	-29°C to 630°C -20°F to 1100°F
Material:	1.7383/1.4903/1.4901 SA 182 -F22 /-F91 /-F92 Other materials on request
Connection:	Butt weld ends acc. to ASME B16.25 or ISO 9692-1

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