



- Remarkable savings in sealing liquid costs
- Robust and reliable construction
- Wide selection of optional features

Sulzer Thermosiphon SP8 – seal pot system

Sulzer Thermosiphon SP8 seal pot system is designed to be used with double mechanical seals equipped with pumping feature. Together they form a closed sealing liquid circulation loop and keep the seal lubricated and cooled, prevent dry run, and extend the lifetime of the seal. Thermosiphon SP8 brings substantial savings in sealing liquid consumption compared to an external seal flush arrangement.

The structure of the product is simple, robust and reliable. It is possible to select optional features to fulfill the seal flushing system requirements:

Basic scope

- Sulzer Thermosiphon SP8 reservoir with a volume of 8 liters / 2 USg
- Support foot / base
- Level indicator
- Pressure gauge
- Temperature gauge
- Hand valve
- Relief valve
- Hoses 3 m / 10 ft length with fittings

Available options

- Finned air cooling
- Hand pump
- Pressure accumulator
- Level switches
- Multiple connections and fittings
- Winter package (-40°C / -40°F)

Product information

- Designed for pressurized and unpressurized double seal arrangements (similar to API 52 and 53 plans, ANSI 7352 and 7353 plans)
- Suitable for water and glycol-water mixture
- Process temperature max 100°C / 210 °F
- Sealing liquid temperature from -20 up to 70°C / -4 up to 158°F
- Pressure max. 10 bar / 145 psi
- Manufactured in AISI304 stainless steel

Sulzer also provides high-quality mechanical seals for industrial pumping and mixing equipment. The highest reliability as well as minimized operating and maintenance costs can be achieved with a combination of Sulzer mechanical seal and Thermosiphon SP8.

