

Sealing disc

For mounting a high-temperature thermocouple

Model SD83

WIKA data sheet AC 80.21

Applications

- Sealing of thermocouples in the flange nozzle
- Process industry: Oil and gas, petrochemical industry, chemical industry
- Sulphur recovery units (SRU)

Special features

- Can be used with thermocouple models TC80, TC82, TC83 Calitum® or TC84
- High thermal stability thanks to special materials
- Available for all nozzle dimensions from 4"
- For use with primary protection tube model TW83



Sealing disc, model SD83

Description

Sealing discs are used for the sealing of thermocouples in the flange nozzle.

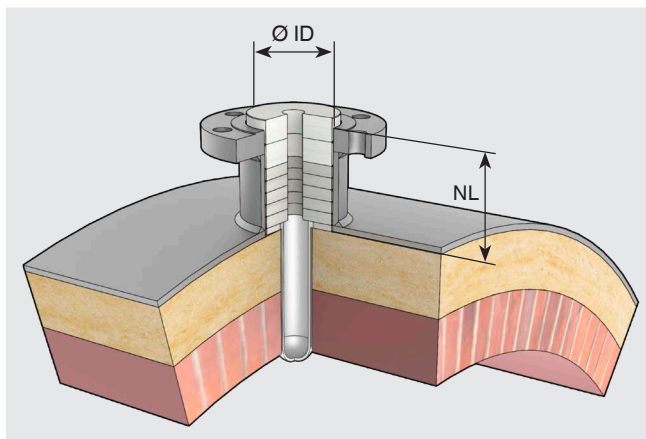
They delay corrosion of the support tube and flange by aggressive process gases and thus extend the service life of the thermocouple.

Due to the special combination of hard and soft materials, the sealing discs are designed for harsh operating conditions, such as those that can occur in sulphur recovery plants.

Specifications

Sealing disc, model SD83	
Material	Ceramic fibres, fireproof
Maximum working temperature	1,430 °C [2,600 °F]

Dimensions in mm



Legend:
Ø ID Nozzle inner diameter
NL Nozzle height from flange
sealing face to refractory lining

The dimensions and number of sealing discs required are defined individually, depending on the type of thermometer used and the nozzle dimensions, and are specified in the quotation. Alternatively, a mineral sealing cord can be used to center the primary protection tube in the nozzle.

Ordering information

Model / Thermowell/protection tube dimensions / Options

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