EagleBurgmann
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RELY ON EXCELLENCE

Rotatherm S881/B

Packings & Gaskets | Packing for valves

Features

Rotatherm S881/B are precompressed rings made from pure graphite (≥ 99.85%) with embedded stainless steel reinforcement optimally positioned to suit the cross-section. No metal-to-metal contact with spindle or housing. They are ideally used as chamber sealing rings in high temperature and high pressure valves to avoid extrusion (particularly through large gaps).

Notes

The spindle and installation space must be clean and in perfect condition (as these are important if the seal is to work well for a long period). Adjust the valve spindle position so that it can be actuated in the packing ring tightening direction once the packing is partly sealed. Design and installation, see page 99 in the catalog.

Advantages

- Do not harden
- Long service life
- Uncomplicated installation and removal
- Low wear of the contact surface

Operating range

Valves
Pressure: p = 1.000 bar
Sliding velocity: vg = 2 m/s

Temperature

- Continuous operation:
  t = -200 °C ... +500 °C
- Steam: tmax = +550 °C
- Inert environment: tmax = +3.000 °C

Chemical resistance: pH = 0 ... 14
Resistant to almost all organic and inorganic acids, alkalis, oils and solvents.

Standards and approvals

- EG 1935/2004
- FDA

Recommended applications

Industries

- Process industry
- Petrochemical industry
- Chemical industry
- Power plant technology
- Building services industry

Mechanical units

- Valves

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All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values.
We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.