EagleBurgmann
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RELY ON EXCELLENCE

Isartherm A 6011/A

Packings & Gaskets | Packing for valves

Features

Isartherm A 6011/A is a diagonally braided graphite fiber packing with a heat-resistant and innovative special impregnating agent. The packing is ideal for use in the high pressure and hot steam range, particularly for valves in power station technology, refineries and the petrochemical industry. It is also well established in practice as a header ring or where the gap geometry is unknown or the sealing surfaces are not optimal.

Notes

Isartherm cannot be used as a cover seal or self-sealing gasket. For such applications we recommend the Statotherm pure graphite or V-Flex cover seals which have proven their worth over a long period.

Advantages

- High cross-sectional stability
- High structural strength
- Wear-resistant
- Gentle on spindle surfaces

Operating range

Valves
Pressure: p = 300 bar
Sliding velocity: vg = 2 m/s
Fans
Pressure: p = 8 bar
Sliding velocity: vg = 5 m/s
Mixers, agitators, kneaders
Pressure: p = 50 bar
Sliding velocity: vg = 5 m/s

Temperature

- Continuous operation:
  t = -40 °C ... +450 °C
- Steam: tmax = +550 °C

Chemical resistance:
pH = 2 ... 12
Particularly suitable for hot water and hot steam applications. Not suitable for concentrated acids and alkalis.

Recommended applications

Industries

- Power plant technology
- Refinery
- Petrochemical industry
- Power generation

Mechanical units

- Blowers
- Mixers
- Agitators

Components

- Valves

eagleburgmann.com
info@eagleburgmann.com

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.