EagleBurgmann
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RELY ON EXCELLENCE

Spezial-Kombi K1 6430/K1

Packings & Gaskets | Packing for pumps

Features

Spezial-Kombi K1 6430/K1 is a diagonally braided packing made from graphite-incorporated PTFE combined with reinforcing corners of aramid yarn to prevent gap extrusion in high pressure and temperature ranges. The Spezial-Kombi K1 is a special packing for applications at high pressures with oscillating movements at the same time.

Advantages

- Good heat conductivity
- Good sliding properties
- Significantly reduced extrusion
- Long service life

Operating range

Plunger Pumps
Pressure: p = 500 bar
Sliding velocity: vg = 3 m/s
Mixers, agitators, kneaders, filters
Pressure: p = 50 bar
Sliding velocity: vg = 2 m/s

Temperature

- Continuous operation:
  t = -100 °C ... +250 °C
- Steam: tmax = +180 °C

Chemical resistance:
pH = 1 ... 13
Suitable for water, waste water, sea water and abrasive and sticky media. Not suitable for concentrated acids and alkalis.

Recommended applications

- Chemical industry
- Mining industry
- Petrochemical industry
- Process industry
- Pulp and paper industry
- Water and waste water technology

Mechanical units

- Piston pumps

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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.