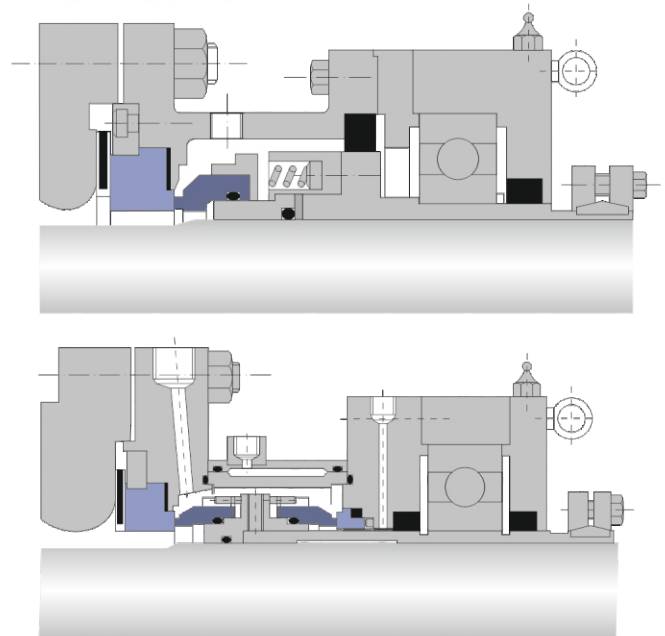




PRODUCT DETAILS

REACTOR - AGITATOR - MIXER MECHANICAL SEAL



TYPE FS-101

Agitator mechanical seals are factory-made cartridge units operated on mixtures, Agitators, And reactor vessels for corrosive and hazardous compounds throughout the reaction process.

Strongly designed with vibration-isolated faces to withstand conditions of drag and shear that destroy common seals. The agitator mixer offers excellent tolerance of motion and has the capabilities to bear the instant pressure shift.

The agitator mechanical seals are independent of the direction of rotation and have robust bearing support to drive smoothly and protect the seal faces from loads of other equipment parts.

The seals have interchangeable parts and can be converted by changing the dynamic ring and secondary seals, Making them compatible with a wide range of applications.

At popular pump seals, we develop agitator seals that are precisely designed in accordance with construction specifications to deliver optimum performance even in high vacuum conditions.

Seal Characteristics

- Single Seal / Double Seal
- Unbalanced / Balanced
- Independent on direction of rotation

Operating Parameters

- Shaft Sizes d_1 : 25...220mm
- Pressure p : vaccum ...40 bar (max)
- Temperature t : -20...+220 °C
- Speed v : up to 10 m/s

Materials

- Seal Faces : Carbon / SIC / Tung. Carbide
- Metal Parts : SS316 / Hastelloy-C / MS
- Secondary Sealing : FKM / PTFE / EPDM / Karlez

Applications

- General Chemicals and its vapours
- Petrochemicals and its vapours
- Light Hydrocarbons and its vapours
- Pharmaceuticals