

FSD PF02E MECHANICAL SEAL FOR PAPER-MAKING EQUIPMENT, ALUMINA PLANTS, FLUE GAS DESULPHURIZATION, DEASHING SYSTEM AND SLURRY PUMPS

PRODUCT DETAILED DESCRIPTION

PF02E Mechanical Seal for Paper-making Equipment, Alumina Plants, Flue Gas Desulphurization, Deashing System and Slurry Pumps.

Structural Features:

double end, multi springs, balanced, independent rotary direction, still structure, pin transmission. The still springs are suitable for high operating speed. The springs are separated from the sealed mediums so they will not be jammed. Piston design allows great axial shifting. The seal is separated assembled with easy installation and reliable performance.

Industrial Standards:

specific customization.

Scopes of Application:

mainly used in paper-making equipment, slurry pumps, pressure screens. flue gas desulphurization for chemical engineering, power plants, mining, oil refining, alumina plants, food processing, phamarcy, and paper making. This seal works as an alternative to similar products of Sulzer.

Media:

oil, water, paper pulp, cypsum slurry, acid, alkali, solvents and other solid particle and high viscosity mediums.

Customization:

changes of materials for getting other operating parameters are possible. Contact us with your requirements.

OPERATION PARAMETERS

- Pressure : 0 ~ 2.0 MPa
- Temperature : - 20 ~ 180 °C
- Linear Speed : 20 m/s or less
- Pressure of Cooling Water: 0.1 to 0.3 MPa
- Solid Capacity : 25% or less



MATERIALS

- Rotary Face : Car/SiC/TC
- Stationary Face : Car/SiC/TC
- Secondary Seal : FKM, FFKM, PTFE/BUNA-N, etc
- Springs : SS316/Hast-C276/inconel-718
- Metal Parts : SS304/SS316/3507/2507/2205/monel/SS-Duplex/Hast-C276

BASIC FEATURES

- Structure : Double-End
- Pressure : High Pressure Mechanical Seals
- Temperature : High Temperature Mechanical Seal
- Performance : Corrosion
- Model No. : PF02E
- Size : 1" - 6" (25 mm - 150 mm)