



sealmatic®

Mechanical Seals For AGITATED NUTSCHE FILTER AND FILTER-DRYER

Sealmatic ANFD mechanical seals tailored to your needs. From the smallest to the largest, from the simplest to the extremely complex mechanical seals for filter-dryer applications.

Sealmatic sealing technology for Nutsche Filter and Filter-Dryer is particularly suited to meet the stringent requirements of the pharmaceutical and fine chemicals industries for solids washing and separation, even in the most challenging process conditions.

Sealmatic mechanical seals for the filter/dryer is suited to multitude of tasks including filtration, displacement or reslurry washing, vacuum or convection drying. Applications such as wet cake, slurry, liquid, or dried cake to less than 0.1% moisture.

Technical Features

Rugged design to ensure long term reliability and operating life.

Seals are assembled in cartridge construction for easy fitment.

Over all connecting dimensions are tailor made to customer's specification.

The seal design is unique as it closes due to the hydraulic product pressure as well as overlaying barrier pressure.

Performance Capabilities

DIN 28138 T2 - Double seals:

Sizes: d3 = 40.... 220 mm (1.575"....8.625")

Pressure: p1 = vacuum ... 6 bar (87 PSI),

Temperature: t1* = -40 °C ... +150 (250) °C

(-40 °F ... +302 (482) °F)

Speed = 0 ... 5 m/s (0 ... 16 ft/s)

* Higher or lower temperatures on request

Standards

FDA

DIN 28136 T2 (for steel vessels)

DIN 28141 (flange connection for steel vessels)

DIN 28154 (shaft end for steel vessels)

