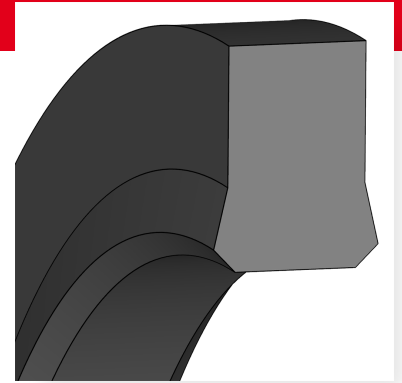




DICHTOMATIK

Flange seal FLAN89

DESCRIPTION

- Symmetrical

FUNCTION

- For SAE flanges in accordance with SAE J 518, among others
- Static sealing by axial compression in the installation space

PRODUCT ADVANTAGES

- Robust design
- High wear resistance
- Simple assembly
- High extrusion reliability
- Long service life
- Reliable design with broad application spectrum for moderately demanding applications in general industry
- Good price/performance ratio
- Tolerance of higher surface roughness
- Manufactured by certified external suppliers
- Low compression set

APPLICATIONS

- Use as a pipe flange or flange on valve blocks
- Replacement for SAE flanges in accordance with SAE J 518
- Mobile hydraulics
- Heavy hydraulics

CONFORMITY AND CERTIFICATES

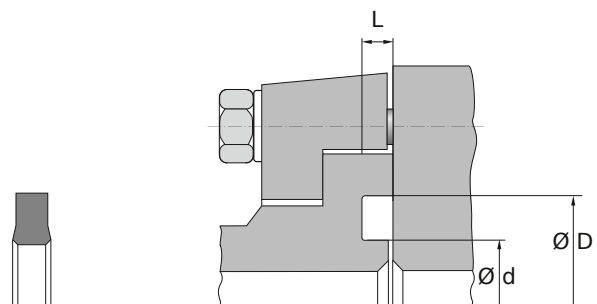
- Please consult the material data sheet valid for the respective material for current information on approvals and certificates, as this information depends on the compound and cannot be listed exhaustively here.

DESIGN GUIDELINE

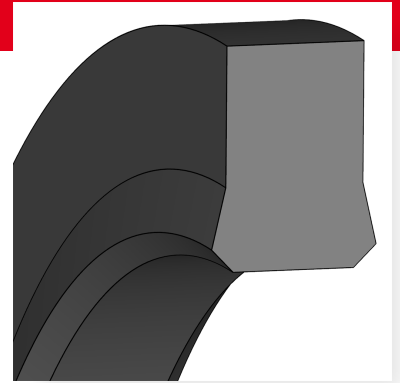
- Radius design R 0.4° μm
- Depending on ring thickness and application, groove dimensions result in an average compression of 15 to 13%
- Surface roughness of mating surface according to specifications of seal used

INSTALLATION GUIDELINE

- Installation in axially open groove
- Installation space surface should be dry during installation



DICHTOMATIK



Flange seal FLAN89

STORAGE ADVISE

- Storage temperature <25°C
- No direct heat sources
- No direct sunlight
- No condensation in the storage room
- No exposure to ozone or ionizing radiation
- Recommendations based on the revision of ISO 2230 dated 16.09.1992

Pressure [MPa]

TPU
40

Temperature [°C]

TPU
-30...100

The values given are based on a limited number of tests on standard test specimens (2 mm sample plates) from laboratory production. The data determined from finished parts may deviate from the above values depending on the manufacturing process and the part geometry.

The information provided herein is based on laboratory tests and on data sources deemed reliable. It constitutes general, non-binding guideline values and does not represent any guarantee of specific properties or suitability for a particular purpose. The suitability of a product for a specific application depends on the actual operating conditions and a variety of factors. Full testing and performance evaluation of the final product are the responsibility of the user. Freudenberg FST GmbH | www.fst.com