



## Flange seal FLAN89

### DESCRIPTION

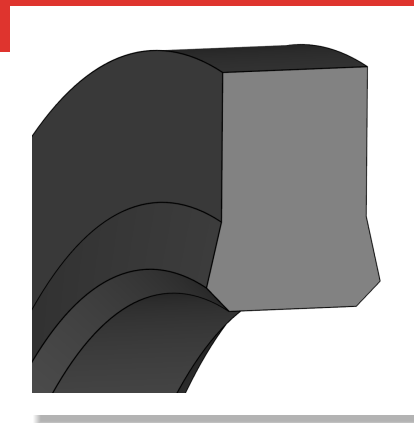
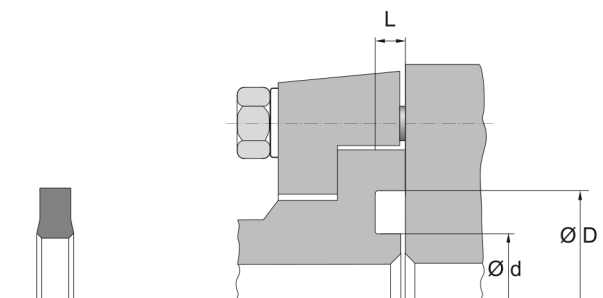
- Symmetrical
- Material: TPU

### 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
- Tolerance of higher surface roughness
- High wear resistance
- Low compression set
- 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
- Manufactured by certified external suppliers



### APPLICATIONS

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

### APPLICATION LIMITS

- Temperature [°C]: -30 to 100
- Pressure [Mpa]: max. 40
- The values given here are maximum values and may not all be reached at the same time.

### MEDIA RESISTANCE

- Hydraulic oils according to DIN 51524 part 1-3
- Lubricating oils
- Lubricating greases based on mineral oils
- Flame-retardant hydraulic fluids HFA, HFB, HFC according to VCMA 24317

### CONFORMITY AND CERTIFICATES

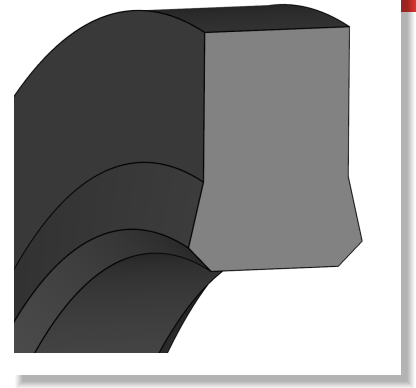
- Please consult the material data sheet valid for the respective material for current information on approvals and certificates, as this information depends on the compound and cannot be listed exhaustively here.

### DESIGN GUIDELINE

- Design of the radii R 0.4°
- Surface roughness of groove base  $R_a \leq 0,4 \mu\text{m}$
- Surface roughness of mating surface  $R_a \leq 3 \mu\text{m}$



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### INSTALLATION GUIDELINE

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

### 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

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