
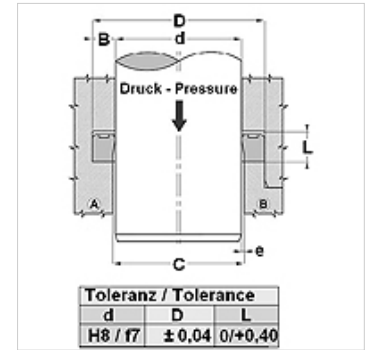


Properties

| | |
|---------------------------|--|
| Design | Rod U-ring |
| Operating pressure | up to 500 bar |
| Sliding speed max. | 0,5 m/s |
| Temp. min. | -30 °C |
| Temp. max. | 80 °C |
| Media | Mineral oils |
| Installation | in closed grooves A in open grooves B |
| Material | (1) Seal: PUR (2) Support ring: acetal resin / PTBR |
| Application | Hydraulics |



| Spaltmaß / Clearance | | | | |
|----------------------|-----------|--------|-------------------|--------|
| Druck bar | e (mm) | | | |
| | TS-TS...L | | TS...-AI-TS...-LA | |
| | d<60mm | d>60mm | d<60mm | d>60mm |
| 50 | <0,40 | <0,50 | <0,60 | <0,80 |
| 100 | <0,30 | <0,40 | <0,60 | <0,80 |
| 200 | <0,20 | <0,30 | <0,40 | <0,60 |
| 300 | <0,15 | <0,20 | <0,30 | <0,40 |
| 400 | <0,10 | <0,15 | <0,20 | <0,30 |
| 500 | | <0,10 | <0,15 | |



Description

High abrasion resistance.
Extremely good sealing effect at low pressure.
Fast alternation of loads.

Ordering information

We are able to produce seals with diameters of 20 to 510 mm with short lead times.

Item

| Identification | d (mm) | D (mm) | L (mm) |
|----------------|-----------|-----------|-----------|
| TS 25 36-AI | 25 | 36 | 6,0 |
| TS 70 80-2-AI | 70 | 80 | 13,0 |