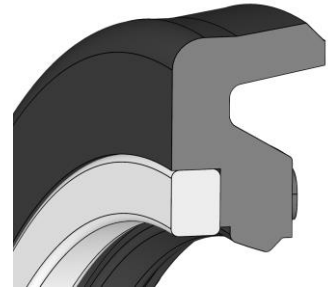


S72



DESCRIPTION

Product group: rod seal

Design: NI asymmetrical u-ring with inner main sealing lip

Profile no.: 72

Specification: E suitable for one-sided pressure load

Model: STI inner back-up ring

Material: TPU 90

Back-up ring: POM

OPERATIONAL APPLICATION LIMITS

Pressure (MPa): ≤ 40

Temperature (°C): -30 to $+100$

Running speed (m/s): ≤ 0.5

MEDIA

- Hydraulic oils acc. to DIN 51524 Part 1 – 3
- Lubricating oils
- Mineral oil based lubricating greases
- Highly non-flammable hydraulic fluids HFA, HFB, HFC acc. to VDMA 24317

FUNCTION

The SNI 72 u-ring consists of a TPU seal body and a POM back-up ring. The S72 u-ring is a single-acting rod seal with an asymmetrical design. The semi-active back-up ring on the inner diameter prevents gap extrusion on the side facing away from the pressure.

INSTALLATION

U-rings can be installed in both solid and split housings. Please note that for a solid housing application a minimum width is necessary and suitable installation tools may be required.

REMARKS

The S72 is used in combination with other piston rod seals. Seals made of TPU are very robust and are exceptionally well-suited for applications in mobile hydraulics and earth moving equipment.

