

TTP SEALS

SNI 30

Description

Product group: Rod seal
Design: NI asymmetrical u-ring with inner main sealing lip
Profile no.: 30
Specification: E suitable for one-sided pressure load
Seal material: TPU 95 3401



Operational application limits

Pressure (MPa): ≤ 40
Temperature (°C): -40 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 30 u-ring is a single-acting rod seal with an asymmetrical design. Due to the synergy of the geometry and material, this design is exceptionally well-suited for extreme loads.

Installation

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

Remarks

Seals made of TPU are very robust and are particularly well-suited for applications in mobile hydraulics and especially in the area of earth moving machines.