

SN 36

Description

Product group: Rod seal
Design: N symmetrical u-ring
Profile no.: 36
Specification: E suitable for one-side pressure load
Seal material: TPU 95 3401



Operational application limits

Pressure (MPa): ≤ 40
Temperature ($^{\circ}\text{C}$): -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 SN 36 u-ring is produced in a compact design which guarantees good functioning at low pressures and guarantees a particularly long service life. The SN 36 has a symmetrical design that allows application as a piston and rod seal. Seals made of TPU are very robust and are particularly suitable for application in mobile hydraulics, especially in the earth moving machine area.

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 SN 36 seal is also designed for installation housing conforming to ISO 5597. It is primarily used in ground conveyors, agricultural and injection moulding machines as well as in cylinders for mobile hydraulic platforms and steering cylinders. For extreme applications, this seal design can also be provided with a second seal lip or an integrated