



## KNA 28

### Description

Product group: Piston seal  
Design: NA asymmetrical u-ring with outer main sealing lip (28)  
Profile no.: 28  
Specification: E suitable for one-sided pressure load  
Seal material: TPU 95 3401

### Operational application limits

Pressure (MPa):  $\leq 40$   
Temperature (°C): -40 to +100  
Running speed (m/s):  $\leq 0.5$

### 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 KNA 28 u-ring is a single-acting piston seal with an asymmetrical design. Due to the synergy of geometry and material, it is particularly well-suited for extreme loads.

### Installation

The KNA 28 can be installed in cut grooves starting from an inner diameter of 25 mm with the use of suitable installation tools. With smaller diameters or larger profile widths, we recommend axially accessible installation housings.

### Remarks

Seals made of TPU are very robust and are particularly well-suited for applications in mobile hydraulics, particularly earth moving equipment.