



## SN 21

### Description

Product group: Rod seal  
Design: N symmetrical u-ring  
Profile no.: 21  
Specification: E suitable for one-sided pressure load  
Seal material: NBR 90 3006

### Operational application limits

Pressure (MPa):  $\leq 16$   
Temperature ( $^{\circ}\text{C}$ ):  $-30$  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 SN 21 has a symmetrical design which allows it to be used as a piston seal and as a rod seal.

### 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 tools may be required.

### Remarks

U-rings made of NBR are primarily used with low pressures as the seal lips are provided with radial pre-stress which is strengthened by the pressure of the system. Apart from applications in hydraulics, this NBR design can also be used in pneumatic applications. For special applications, different materials are also available.