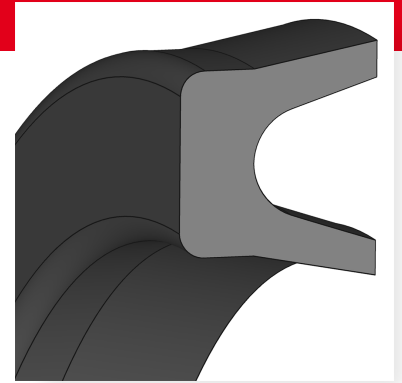




U-Cup N22

DESCRIPTION

- Symmetrical
- Single acting

FUNCTION

- For installation spaces in accordance with AN6226, among others
- Sealing of piston rods
- Use with one-sided pressure load

PRODUCT ADVANTAGES

- Robust design
- Low friction
- Simple snap-on assembly
- Reliable design with broad application spectrum for moderately demanding applications in general industry
- Good price/performance ratio
- Manufactured by certified external suppliers

APPLICATIONS

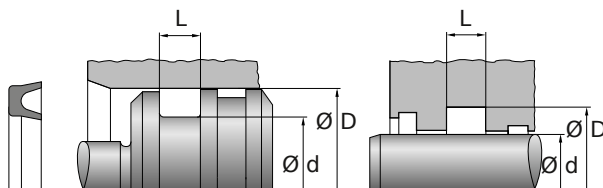
- Hydraulics
- Standard cylinders

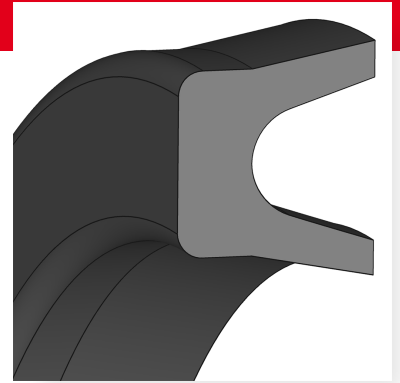
CONFORMITY AND CERTIFICATES

- Please consult the material data sheet valid for the respective material for current information on approvals and certificates, as this information depends on the compound and cannot be listed exhaustively here.

DESIGN GUIDELINE

- Installation space cleaned and free of deposits or old packing rings
- Please refer to the technical manual for design guidelines.
- Surface roughness of the groove flanks $Ra \leq 3 \mu m$
- With pulsating pressures, hardness of the o-ring should not be less than 80 Shore A
- Mating surface should be at right angles to the shaft





U-Cup N22

INSTALLATION GUIDELINE

- Axially accessible installation space required for small diameters
- Deburr sharp edges, provide with seamless chamfers and radii
- Clean the installation space carefully before installation, remove dust, dirt, metal chips, etc.
- Do not pull the seal over sharp edges, threads, or keyways during installation; cover with an installation sleeve if necessary
- Installation in a closed, cut groove
- Installation in cut groove for inside diameters larger than 25 mm
- Heating the seal in oil at 80°C to 100°C makes the seal material more elastic and easier to install
- Grease the piston seal before fitting the cylinder
- Oil or grease the piston rod before installation

STORAGE ADVISE

- Storage temperature <25°C
- No direct heat sources
- No direct sunlight
- No condensation in the storage room
- No exposure to ozone or ionizing radiation

The information provided herein is based on laboratory tests and on data sources deemed reliable. It constitutes general, non-binding guideline values and does not represent any guarantee of specific properties or suitability for a particular purpose. The suitability of a product for a specific application depends on the actual operating conditions and a variety of factors. Full testing and performance evaluation of the final product are the responsibility of the user. Freudenberg FST GmbH | www.fst.com