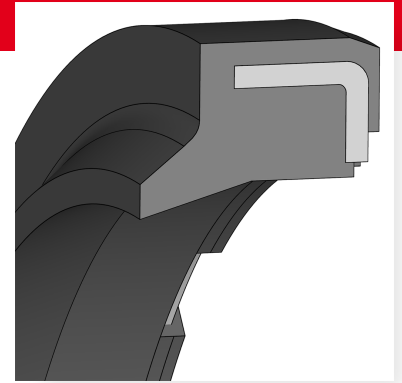




DICHTOMATIK

Wiper AM45

DESCRIPTION

- Single acting
- Protruding wiper lip
- Vulcanized metal angle ring

FUNCTION

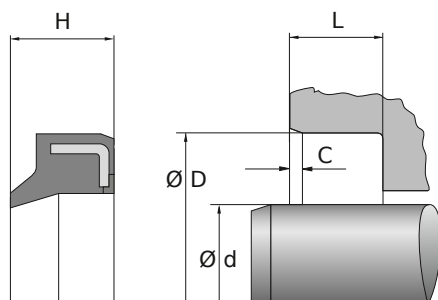
- Wiping off impurities on the piston rod during the retraction movement
- Metal angle ring ensures good fit in the installation space and prevents twisting

APPLICATIONS

- Hydraulics

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.



PRODUCT ADVANTAGES

- Higher sealing effect on the outer diameter due to encasing of the stiffening ring
- Good wiping properties against dirt
- Reliable design with broad application spectrum for moderately demanding applications in general industry
- No pressure relief hole required
- Good price/performance ratio
- Manufactured by certified external suppliers
- Particularly suitable for high stroke speeds
- Metal stiffening ring ensures functional fit in the installation space
- Metal angle ring offers only a small attack surface for corrosive media

DESIGN GUIDELINE

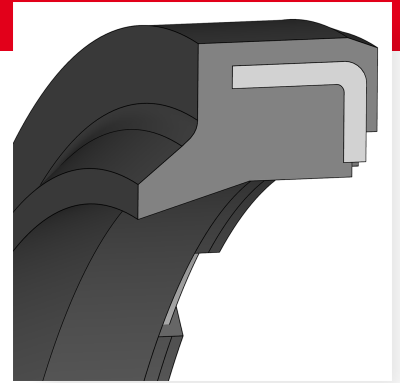
- Installation space cleaned and free of deposits or old packing rings
- Please refer to the technical manual for design guidelines.
- Surface roughness of groove base $R_a \leq 0,4 \mu\text{m}$
- Surface roughness of groove flanks $R_a \leq 4 \mu\text{m}$
- Surface roughness of mating surface $R_a \leq 0,4 \mu\text{m}$



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Wiper AM45

INSTALLATION GUIDELINE

- Deburr sharp edges, provide with seamless chamfers and radii
- Clean the installation space carefully before installation, remove dust, dirt, metal chips, etc.

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
- Recommendations based on the revision of ISO 2230 dated 16.09.1992

Speed [m/s]

NBR

1

Temperature [°C]

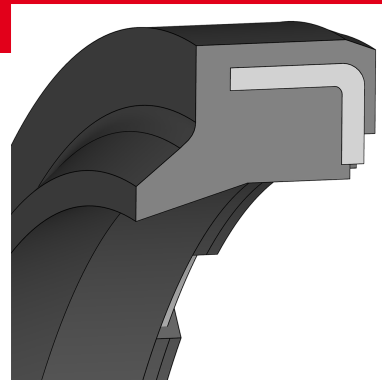
NBR

-30...100

The values given are based on a limited number of tests on standard test specimens (2 mm sample plates) from laboratory production. The data determined from finished parts may deviate from the above values depending on the manufacturing process and the part geometry.



Wiper AM45



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