



Wiper AM45

DESCRIPTION

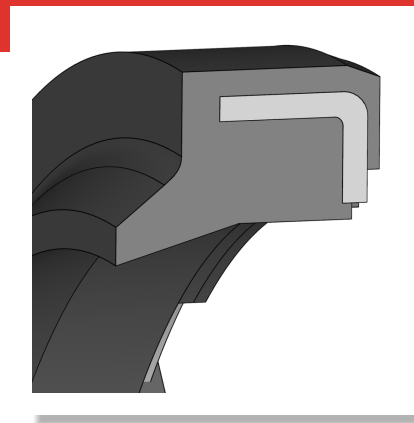
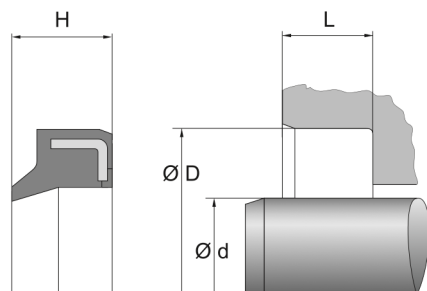
- Single acting
- Protruding wiper lip
- Vulcanized metal angle ring
- Sealing material: NBR
- Reinforcement material: Unalloyed steel DIN EN 10139 (DIN 1624)

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

PRODUCT ADVANTAGES

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



- Good price/performance ratio
- Manufactured by certified external suppliers

APPLICATIONS

- Hydraulics

APPLICATION LIMITS

- Temperature [°C]: -30 to 100
- Gliding speed [m/s]: max. 1
- The values given here are maximum values and may not all be reached at the same time.

MEDIA RESISTANCE

- Hydraulic oils according to DIN 51524 part 1-3
- Lubricating oils
- Lubricating greases based on minor oils
- Flame-retardant hydraulic fluids HFA, HFB, HFC according to VCMA 24317

CONFORMITY AND CERTIFICATES

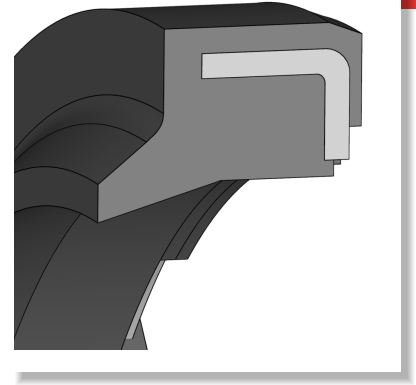
- Please consult the material data sheet valid for the respective material for current information on approvals and certificates, as this information depends on the compound and cannot be listed exhaustively here.

DESIGN GUIDELINE

- Cylinder housing and piston rod/piston must be chamfered to prevent damage
- Length and angle of the installation chamfers must be in accordance with installation space drawing
- Surface roughness of rod according to specifications of seal used
- Surface roughness of groove flanks $Ra \leq 4 \mu m$
- Surface roughness of groove base $Ra \leq 2,5 \mu m$



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 <math><25^{\circ}\text{C}</math>
- 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

The information contained herein is believed to be reliable, but no representations, warranties or guarantees of any kind are made as to its accuracy or suitability for any purpose. The information reproduced herein is based on laboratory testing and is not necessarily indicative of end product performance. Complete testing and performance of the end product is the responsibility of the user.

© Freudenberg FST GmbH | dichtomatik.fst.com