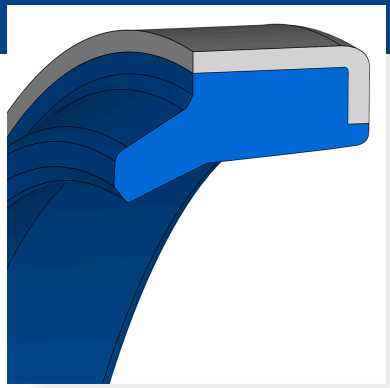


FREUDENBERG

Wiper AU ASR

DESCRIPTION

- Single acting
- Protruding wiper lip
- Slightly rounded sealing edge
- Metal angle ring

FUNCTION

- For installation spaces according to ISO 6195 type B, among others
- 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

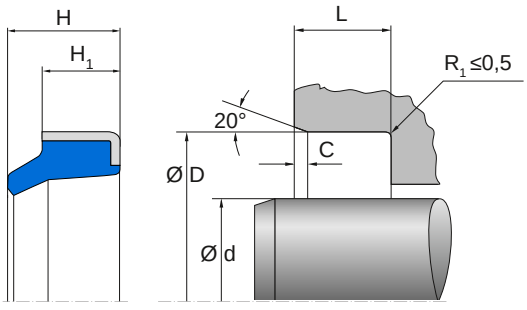
- Earthmoving equipment
- Industrial trucks
- Tail lifts
- Agricultural machinery
- Lorry loading cranes
- Support cylinders

PRODUCT ADVANTAGES

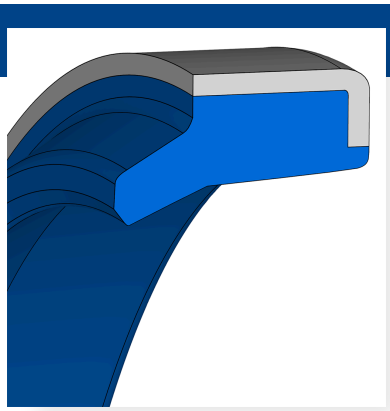
- Axially open, easy-to-fabricate installation space
- Market-leading, proprietary design with the widest range of applications in all industries and for a variety of requirements
- Tight fit in installation space (interference fit)
- Highest quality, durability and safety
- Best results in total cost of ownership
- Leaves residual oil film on the rod
- No annular gap to the outside (dirt pocket)

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.



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Wiper AU ASR

DESIGN GUIDELINE

- Standardized installation spaces according to ISO 6195 Type B
- Sharp edges deburred or chamfered or rounded
- To prevent damage during installation, the cylinder tube and piston rod / piston shall be chamfered
- The length and angle of the installation chamfers must be designed according to the rod seal used
- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.

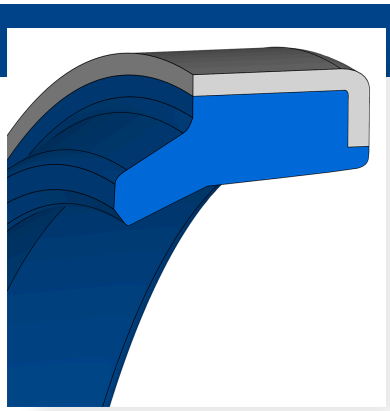
INSTALLATION GUIDELINE

- No machining residues, chips, dirt, etc.
- Do not pull the seal over sharp edges, threads, or keyways during installation; cover with an installation sleeve if necessary
- Oil or grease the seal, piston rod, and cylinder tube before installation
- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.

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

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Wiper AU ASR

Sliding speed [m/s]

94 AU 925
2

Temperature [°C]

Medium	94 AU 925
Hydraulic oils HL, HLP	-30...110
HFA fluids	5...50
HFB fluids	5...50
HFC fluids	-30...40
HFD fluids	
Water	5...40
HETG (rapeseed oil)	-30...60
HEES (synthetic esters)	-30...60
HEPG (polyglycols)	-30...40
Mineral greases	-30...110

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.

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

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