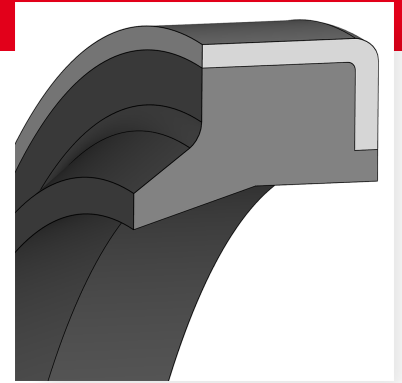




Wiper AM43

DESCRIPTION

- Single acting
- Protruding wiper lip
- Metal angle ring

FUNCTION

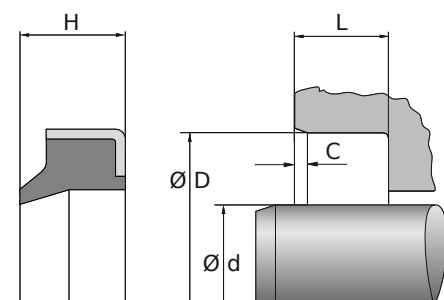
- Wiping off impurities on the piston rod during the retraction movement
- Metal angle ring ensures good fit in the installation space and prevents twisting

APPLICATIONS

- Hydraulics
- 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.



PRODUCT ADVANTAGES

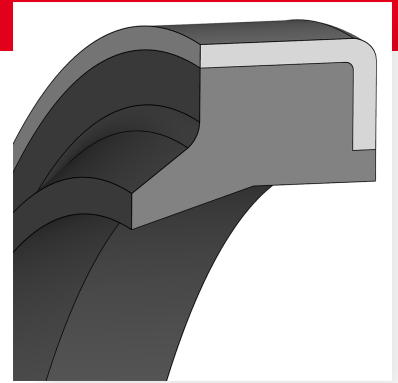
- Good wiping properties against dirt
- Axially open, easy-to-fabricate installation space
- Reliable design with broad application spectrum for moderately demanding applications in general industry
- No pressure relief hole required
- Good price/performance ratio
- Manufactured by certified external suppliers
- Particularly suitable for high stroke speeds
- Metal 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 $R_a \leq 0,4 \mu\text{m}$

INSTALLATION GUIDELINE

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



Wiper AM43

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.

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