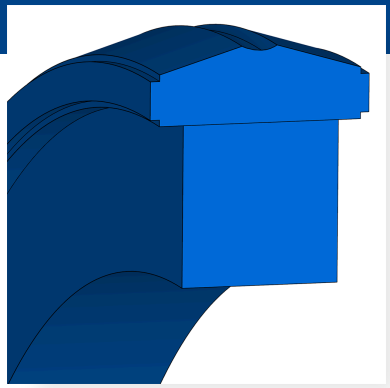


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Compact seal Simko SK300

DESCRIPTION

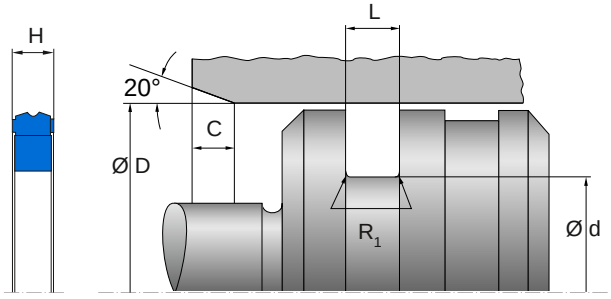
- Symmetrical
- Rectangular profile ring as sealing and pretensioning element

FUNCTION

- For installation spaces in accordance with DIN ISO 7425/1, among others
- Sealing of pistons
- For pressure load from both sides

APPLICATIONS

- Earthmoving equipment
- Industrial trucks
- Tail lifts
- Agricultural machinery
- Lorry loading cranes
- Injection moulding machines



PRODUCT ADVANTAGES

- Low friction even at low speed
- Market-leading, proprietary design with the widest range of applications in all industries and for a variety of requirements
- High resistance to torsion in the installation space
- Very good static and dynamic sealing effect
- Optimum force flow to the sealing edge via profile ring
- No stick-slip effect
- Highest quality, durability and safety
- Best results in total cost of ownership
- Low axial installation height

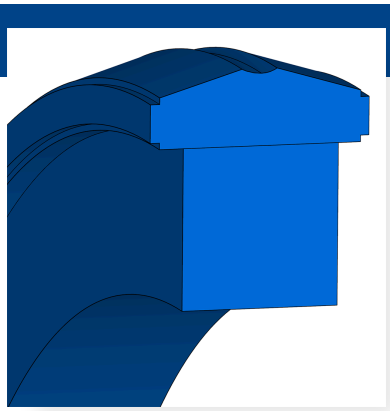
CONFORMITY AND CERTIFICATES

- 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

- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.

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INSTALLATION GUIDELINE

- 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

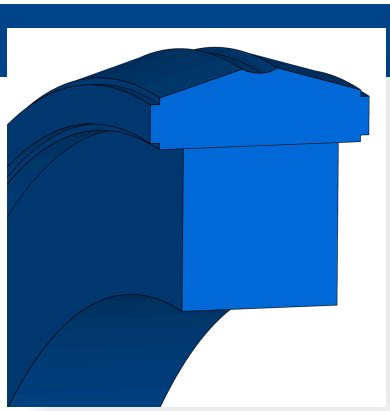
Pressure [MPa]
40

Sliding speed [m/s]
0.5

Temperature [°C]

Medium	98 AU 928 / 72 NBR 872	98 AU 928 / 80 NBR 709
Hydraulic oils HL, HLP	-30...100	-30...100
HFA fluids	5...50	5...50
HFB fluids	5...50	5...50

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Temperature [°C]

Medium	98 AU 928 / 72 NBR 872	98 AU 928 / 80 NBR 709
HFC fluids	-30...40	-30...40
HFD fluids		
Water	5...40	5...40
HETG (rapeseed oil)	-30...60	-30...60
HEES (synthetic esters)	-30...60	-30...60
HEPG (polyglycols)	-30...40	-30...40
Mineral greases	-30...100	-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

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