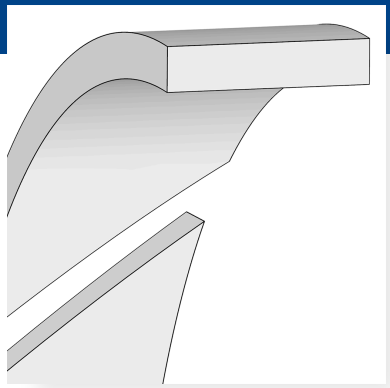


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Piston guide ring FRA

DESCRIPTION

- Chamfered profile edges
- Slotted

FUNCTION

- For installation spaces in accordance with ISO 10766, among others
- Dissipation of transverse forces
- Guiding of pistons
- Reduces the danger of metallic contact
- Medium load capacity

PRODUCT ADVANTAGES

- Simple snap-on assembly
- Market-leading, proprietary design with the widest range of applications in all industries and for a variety of requirements
- No edge pressure in the corner radii of the installation groove
- Highest quality, durability and safety
- Best results in total cost of ownership

APPLICATIONS

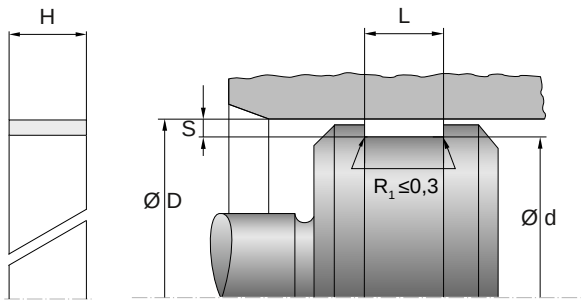
- Earthmoving equipment
- Industrial trucks
- Agricultural machinery
- Lorry loading cranes

CONFORMITY AND CERTIFICATES

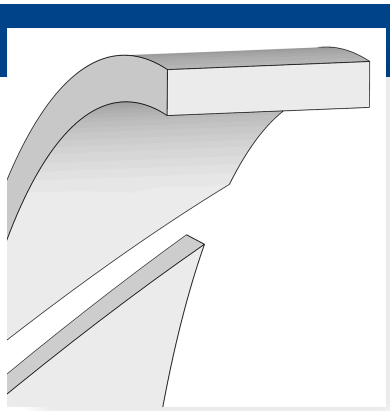
- Please consult the material data sheet valid for the respective material for current information on approvals and certificates, as this information depends on the compound and cannot be listed exhaustively here.

DESIGN GUIDELINE

- Installation spaces according to ISO 10766
- Sharp edges deburred or chamfered or rounded
- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.



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INSTALLATION GUIDELINE

- No machining residues, chips, dirt, etc.
- When installing, do not pull the guide strip over sharp edges, threads, or keyways
- Please follow the QR code or hyperlink to the technical manual to obtain further information and instructions.

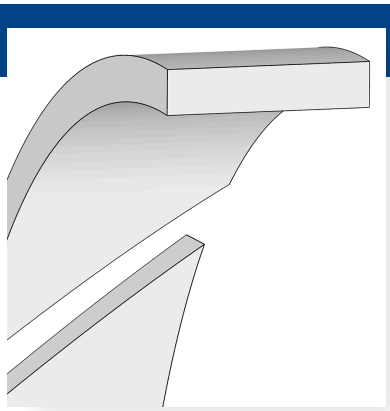
STORAGE ADVISE

- Storage temperature <25°C
- No direct 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

Sliding speed [m/s]

PA 4112
1

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Piston guide ring FRA

Temperature [°C]

Medium	PA 4112
Hydraulic oils HL, HLP	-30...100
HFA fluids	5...50
HFB fluids	5...50
HFC fluids	-30...50
HFD fluids	
Water	5...50
HETG (rapeseed oil)	-30...60
HEES (synthetic esters)	-30...80
HEPG (polyglycols)	-30...50
Mineral greases	-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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