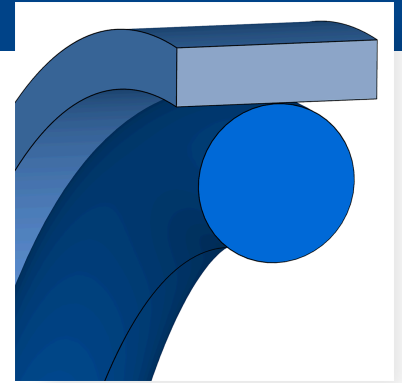




Compact seal TFMA

DESCRIPTION

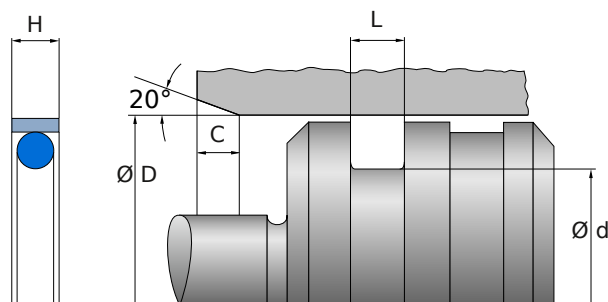
- Asymmetrical
- Double-acting
- O-ring as sealing and preloading element
- Tight fit on inner diameter

FUNCTION

- For radially narrow installation spaces
- Sealing of pistons
- For pressure load from both sides
- Preferably spare parts required

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
- Highest quality, durability and safety
- Best results in total cost of ownership



APPLICATIONS

- For new designs, we recommend more modern series, e.g. Omegat OMK-MR
- Mainly for spare parts requirements

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.

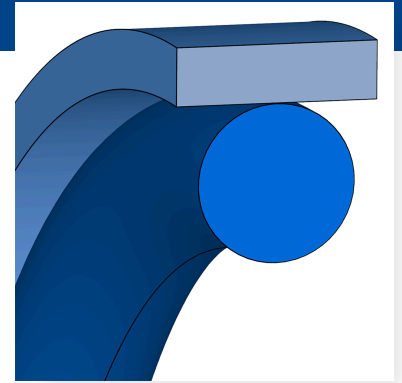
INSTALLATION GUIDELINE

- 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



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Pressure [MPa]

PTFE 177023

16

Sliding speed [m/s]

PTFE 177023

2

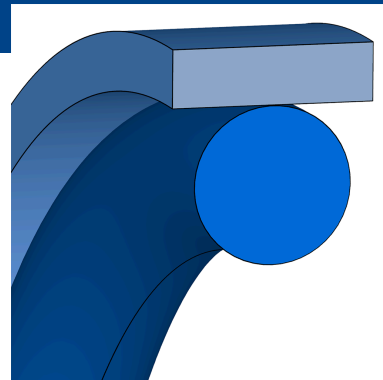
Temperature [°C]

Medium	PTFE 177023
Hydraulic oils HL, HLP	-30...100
HFA fluids	
HFB fluids	
HFC fluids	
HFD fluids	
Water	
HETG (rapeseed oil)	-30...80
HEES (synthetic esters)	
HEPG (polyglycols)	-30...60
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.



Compact seal TFMA



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