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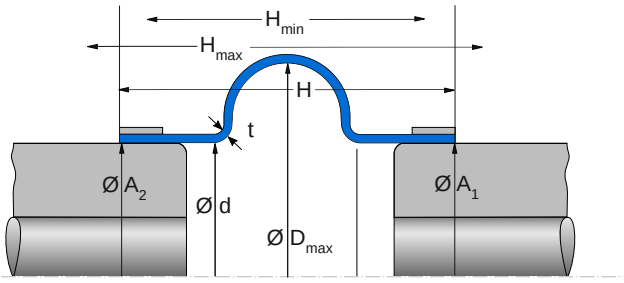
Single convolution bellow CASC

DESCRIPTION

- Movable, thin-walled bellows with two connection areas for mounting
- They are particularly suitable for applications with short stroke movements and minimal angular misalignment, making them ideal for compact installation situations with defined movement radii

FUNCTION

- Elastic connection of two components
- Cable gland
- Protection against contamination, splash water, dust and weathering as well as other external influences
- Protective element for shaft joints performing angular movements
- Protection against injury to moving machine parts
- Absorption of spherical, axial, and radial movements, as well as axial offset
- Limited axial movement



PRODUCT ADVANTAGES

- Protection against contamination
- Wide range of applications
- Long service life
- Market-leading, proprietary design with the widest range of applications in all industries and for a variety of requirements
- Reliable retention of lubricant
- Highest quality, durability and safety
- Best results in total cost of ownership

APPLICATIONS

- Ball joint
- Connection of two pipe ends

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 observe the design guidelines provided in the technical manual.

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INSTALLATION GUIDELINE

- The prerequisite for perfect function of the seal is careful installation in accordance with the technical manual.
- The movable bellows part must not come into contact with sharp edges of the shaft joint or the surrounding machine parts
- To secure the bellows to the joint, the bellows connections should also be fitted with hose clamps
- Please refer to the technical manual for further installation instructions.
- 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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Temperature [°C]

CR	NBR
-40...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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