FREUDENBERG

Single convolution bellow CASC

DESCRIPTION

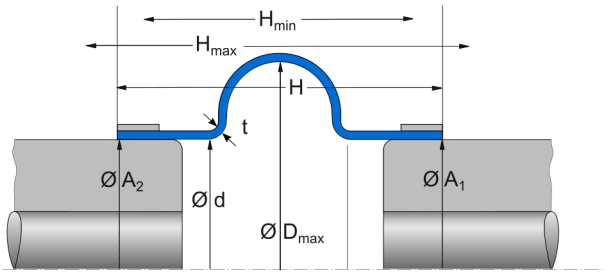
- Movable, thin-walled bellows with two connection areas for mounting
- Material: CR, NBR

FUNCTION

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

PRODUCT ADVANTAGES

- Reliable retention of lubricant
- Wide range of applications
- Highest quality
- Protection against contamination
- Long service life
- Fast availability



APPLICATIONS

- Ball joint
- Connection of two pipe ends

APPLICATION LIMITS

- CR:
- Temperature [°C]: -40 to +100
- Very good dynamic load capacity
- NBR:
- Temperature [°C]: -30 to +100
- Sufficient dynamic load capacity

MEDIA RESISTANCE

- CR:
- Sufficient resistance to mineral oil and grease
- NBR:
- Good resistance to mineral oil and grease
- Please refer to additional information in the chemical resistance guide at www.fst.com.

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 refer to the technical manual for design guidelines.

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INSTALLATION GUIDELINE

- The prerequisite for perfect function of the seal is careful installation in accordance with the technical manual.
- Moving bellows parts must not come into contact with sharp edges
- To attach the bellows to the joint, the bellows connections should also be fitted with hose ties
- Please refer to the technical manual for further installation 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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