

BELLOWS INSTALLATION AND MAINTENANCE INSTRUCTIONS

Safety information!

Bellows, with and without lamellas, can cause injury due to their plates and projecting screws, weld nuts, etc., so please handle these with the utmost care when transporting and installing. Safety gloves must be worn!

Warranties


Only those cooling lubricants HEMA has tested and approved are covered by our warranty. Detailed specifications can be found on our homepage. Also our warranties do not extend to damage incurred as a result of improper installation, loading, and failure to service or clean, e. g. swarf accumulation. Our general terms and conditions are available as a download at www.hema-group.com.

Important

Bellows **are not accessible or suitable as supports** for objects. The cover will suffer damage as a result!

Installation

Position the bellows on the corresponding guideway.

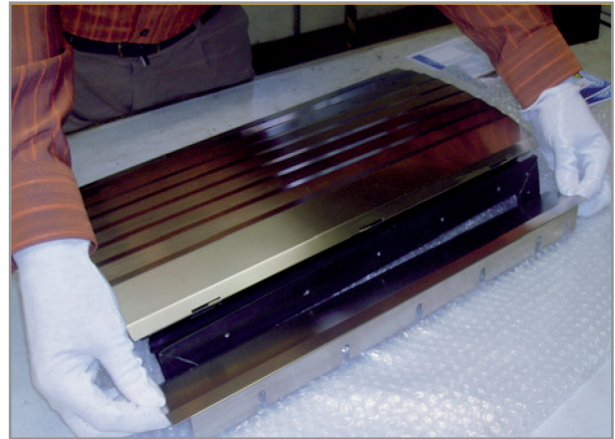
- For bellows with lamellas, install the labelled pressure plates, delivered separately and attached, free of tension (see figure).
-  ■ Check by hand the sliding function. The cover must move easily over the guideway. The cause of irregularities like jamming or juddering must be located and eliminated.
- Secure the end frames to the machine connections. Make sure that the bellows are free of tension, if necessary you may have to dress the connecting holes.
- Lock the screw unions.

Commissioning

- Test the bellows at a low traversing speed for correct operation. Make sure that the plates, corrugations, slides, and (if installed) the shears run smoothly.
- The cause of irregularities like squeaking or juddering must be eliminated if the cover is not to suffer damage.
- The components must be subjected to a special test at a traversing speed greater than 100 m/min and/or acceleration over 2 g. Let the components operate in the loaded state and check all guide components after about one hundred cycles.

Care

- The cover must be cleaned at regular intervals based on the degree of soiling, but at least once a week.
- Foreign bodies, e. g. swarf, between the plates must be removed.
- Guideways must be lubricated at appropriate intervals.

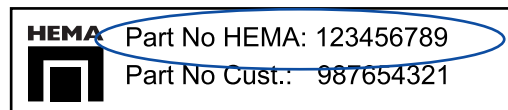


Maintenance and Wearing

- Subject the bellows to regular visual checks at least once a week. Check for wear on the slide elements, corrugations, and (if installed) the plates and shears. Worn or damaged parts must be replaced. Consult the manufacturer for replacements.

Service

- We offer service for worn covers and components. Simply send us the cover back and you will immediately receive an offer.
- For all replacements and repairs quote the parts number specified in the label on the bellow at the marked position



Sample



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