

# Pneumatic expansion shaft

## Series MB

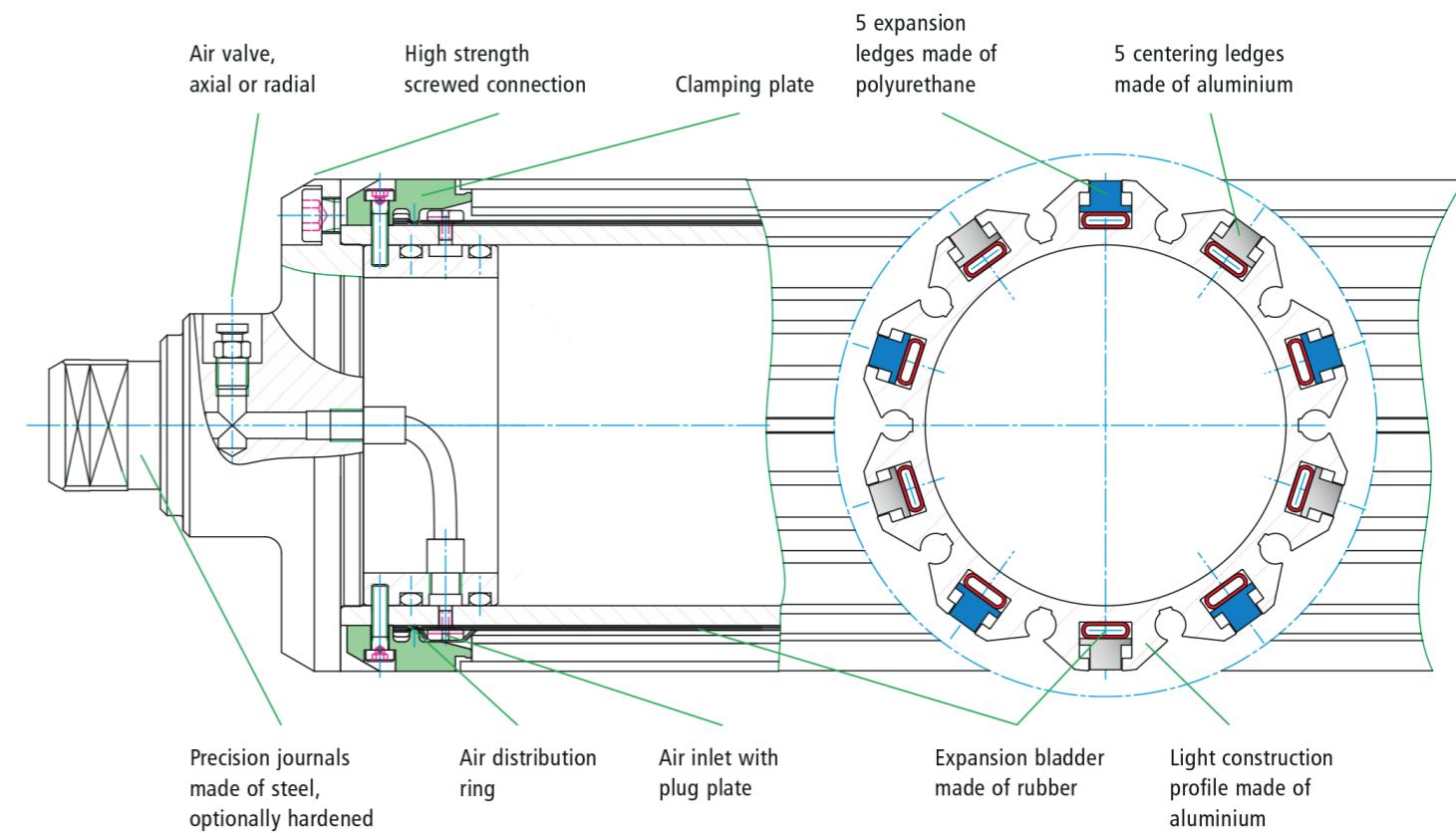
with continuous expansion ledges

Vorwald expansion shafts of the Series MB can be used for wide as well as for the narrowest reels, by virtue of the continuous expansion ledges. This is an economical shaft which can be used for many applications. Its multiple flat bladders are readily accessible from the outside. The standard sizes are 3 inches/75 mm and 6 inches/150 mm. Other sizes are available on inquiry.

The carrier body consists of a high strength to weight ratio aluminium extrusion profile. The shaft journals are made of steel and are attached with a screw connection so that they can easily be replaced when necessary.

The MB shaft is very light and permits easy handling which can otherwise only be achieved by using the considerably more expensive CFK-shafts.

A clamping and/or a centering function can be assigned to the expansion ledges depending on the actual requirements. The type and number of ledges is selected according to the application and customer requirements. Thus this type of shaft is very flexibly and can also be adapted subsequently to changed conditions such as new core tolerances, higher speeds, etc.



### Options

- Filling valves on both sides
- Expansion ledges made of polyurethane, aluminium or plastic
- Aluminium carrier body with wear proof coating
- Quasi-centering design, matched to your core internal diameter
- Special dimensions are possible on inquiry

### Advantages

- + Simple construction according to the modular design principle
- + Parts subject to wear are readily accessible from outside
- + High rotation speeds possible
- + Low weight of the shaft
- + Secure clamping of the narrowest webs

Available shaft diameters  
from 12.5 to 300 mm



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