

Diaphragm Accumulator DACC



DESCRIPTION

- Membrane accumulators according to directive 2014/68/EU
- Welded design with one gas connection
- Housing: Steel
- Operating medium: Nitrogen/ Mineral oil of fluid group 2

FUNCTION

- Hydraulic damping, energy storage, pressure and volume flow compensation
- Gas connection enables checking and, if necessary, adjustment of gas preload
- Gas filling pressure: 0 bar, for catalog items
- Testing before commissioning and recurring tests must be carried out in accordance with national regulations.

PRODUCT ADVANTAGES

- Proven corrosion protection
- Wide temperature range
- Application optimized pressure ratings up to 350 bar
- Wide range of applications

APPLICATIONS

- Machines with hydraulic power units
- Presses
- Agricultural- and construction machines
- Modern industrial robots

- Gearboxes
- Braking Systems
- High-pressure cleaner
- Drive hydraulics
- Noise minimization
- Vibration dampening
- Axle suspension
- Cabin suspension

APPLICATION LIMITS

| Diaphragm Material | Perm. Operating Temperature |
|--------------------|-----------------------------|
| NBR | - 20 °C ... + 80 °C |
| ECO | - 40 °C ... + 80 °C |

MEDIA RESISTANCE

- Gas filling: Pure nitrogen, required gas filling must be specified when placing the order.

Please refer to resistance 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.

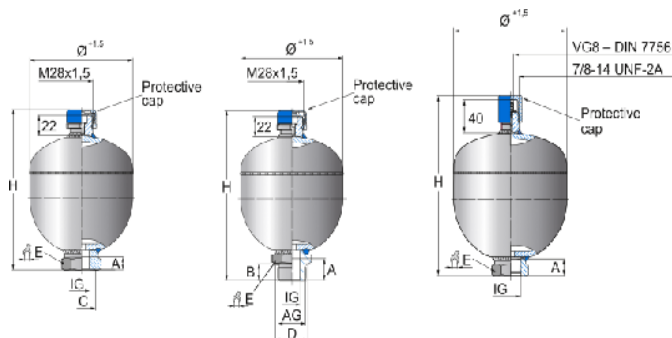
DESIGN GUIDELINE

Please refer to the technical manual for design guidelines.

INSTALLATION GUIDELINE

- Installation position: Recommendation for vertical installation
- Filling and testing device DFM: Filling device for diaphragm accumulators with a M28 x 1,5 gas connection

The prerequisite for perfect function of the seal is careful installation in accordance with the technical manual.





Diaphragm Accumulator DACC

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

The information contained herein is believed to be reliable, but no representations, warranties or guarantees of any kind are made as to its accuracy or suitability for any purpose. The information reproduced herein is based on laboratory testing and is not necessarily indicative of end product performance. Complete testing and performance of the end product is the responsibility of the user.

© Freudenberg FST GmbH | www.fst.com