



## **BORO HARD CAN® - canister made from Borosilicate**

Finally, economic energy savings of up to 30% can be realised in magnetic coupling systems through the application of the BORO HARD CAN®.

The Borosilicate canister BORO HARD CAN® has no eddy currents losses, can be used in extreme temperature conditions and has a very good chemical resistance. The BORO HARD CAN® is a cost-effective alternative to other non-metallic canisters, both through lower acquisition costs and through the avoidance of thermal power dissipation.

Replacement on running machines and plants is simple since the connecting dimensions and the external geometry are structurally identical.

### **Performance data**

- Pressure resistance PN16 depending on the construction range
- Temperature resistance -250°C up to +450°C
- Very good chemical resistance
- NdFeB magnets can be used for applications up to max. 180°C

### **Advantages**

- Energy savings of up to 30% are possible
- Improved pump efficiency
- Cost effective in comparison with ceramic/PEEK
- Lower input power required
- Downsizing of coupling and electrical motor possible
- No eddy currents – therefore no heat generation
- Perfect for high speed and dry running applications
- Conversion units for PU applications with BORO HARD CAN®

More information on BORO HARD CAN® can be found in our product catalogue. For detailed information and technical specifications, please contact our employees.