



BFK458 spring-applied brakes with extended temperature range – Cold Climate Version CCV

Our brakes have been in use for many years in wind power plants and have been proven reliable. In order to be ready for the future, the temperature range for the BFK458 spring-applied brakes has been extended.

The modular system has been extended by the necessary options to enable the use of brakes in a range of -40°C to $+40^{\circ}\text{C}$.

Cold Climate Version CCV with chrome-plated friction surfaces



CCV components essential for use down to -40°C :

- Chrome-plated friction surfaces, use of a chrome-plated armature plate and flange
- Temperature-resistant fixing screws

CCV components (optional), approved for the use down to -40°C

- Rotor with sleeve (noise-reduced)
- Manual release
- Terminal box
- Microswitch
- Sealing caps E and N
- Temperature-resistant shaft sealing rings

Features

- CCV design for all sizes (06-25)
- Fully functional down to -40°C
- Mechanical strength of the components down to -40°C
- Configurable thanks to an extended modular system
- available in small quantities

Application areas

- Wind power plants
- Cold storage houses
- Materials handling technology
- Industrial trucks