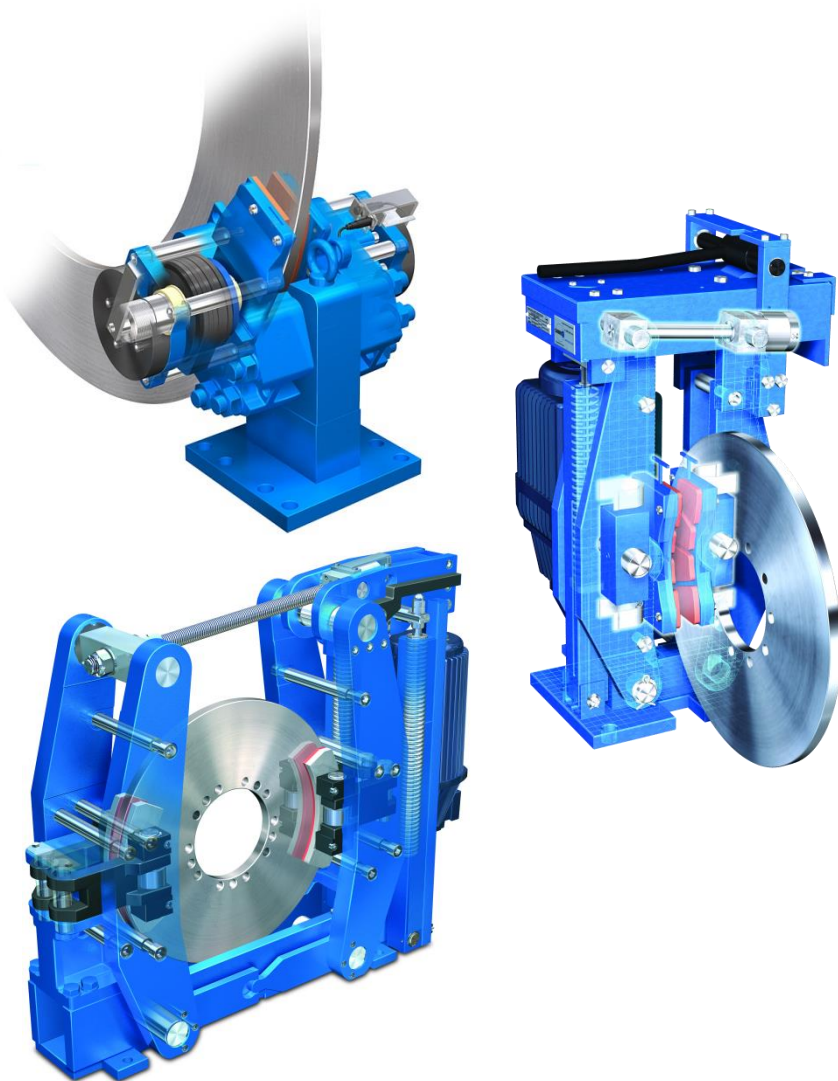


SIBRE

THE WORLD OF
ADVANCED BRAKE TECHNOLOGY



CB8
Compact disc brake





Mission

Our mission is to improve the safety while increasing the operational up-time of container-, material- and cargo handling equipment and wind turbines.

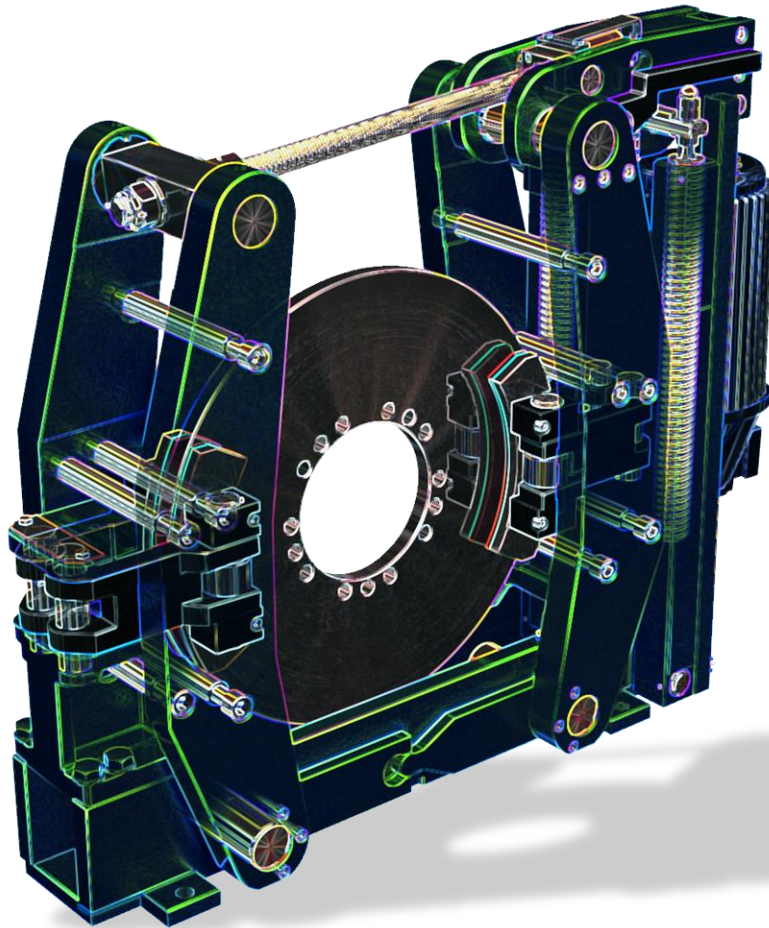
Vision



Our vision is to be a world's leading provider of industrial brakes and drive components for heavy duty equipment.



Portfolio

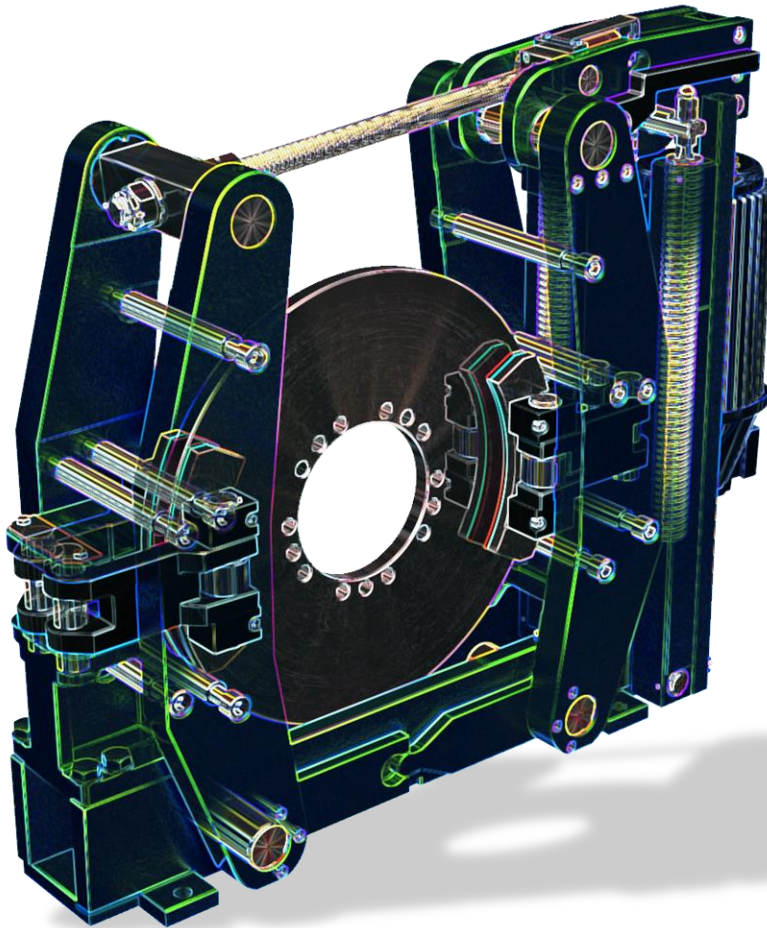


Disc brakes
Caliper brakes
Drum brakes
Storm brakes
Couplings
Thrusters
Hydraulic Power Units
Crane wheels
Drum Couplings
Buffers
Backstops

Portfolio

Compact disc brakes

- CB8



Compact disc brake type **CB8**



Designed for gantry travel drives

- Spring applied
- Released by
 - Electro-hydraulic thruster
 - Solenoid
 - Hydraulic
 - Pneumatic
- For marine environment
- For any mounting position
- Maintenance free EMG-thruster

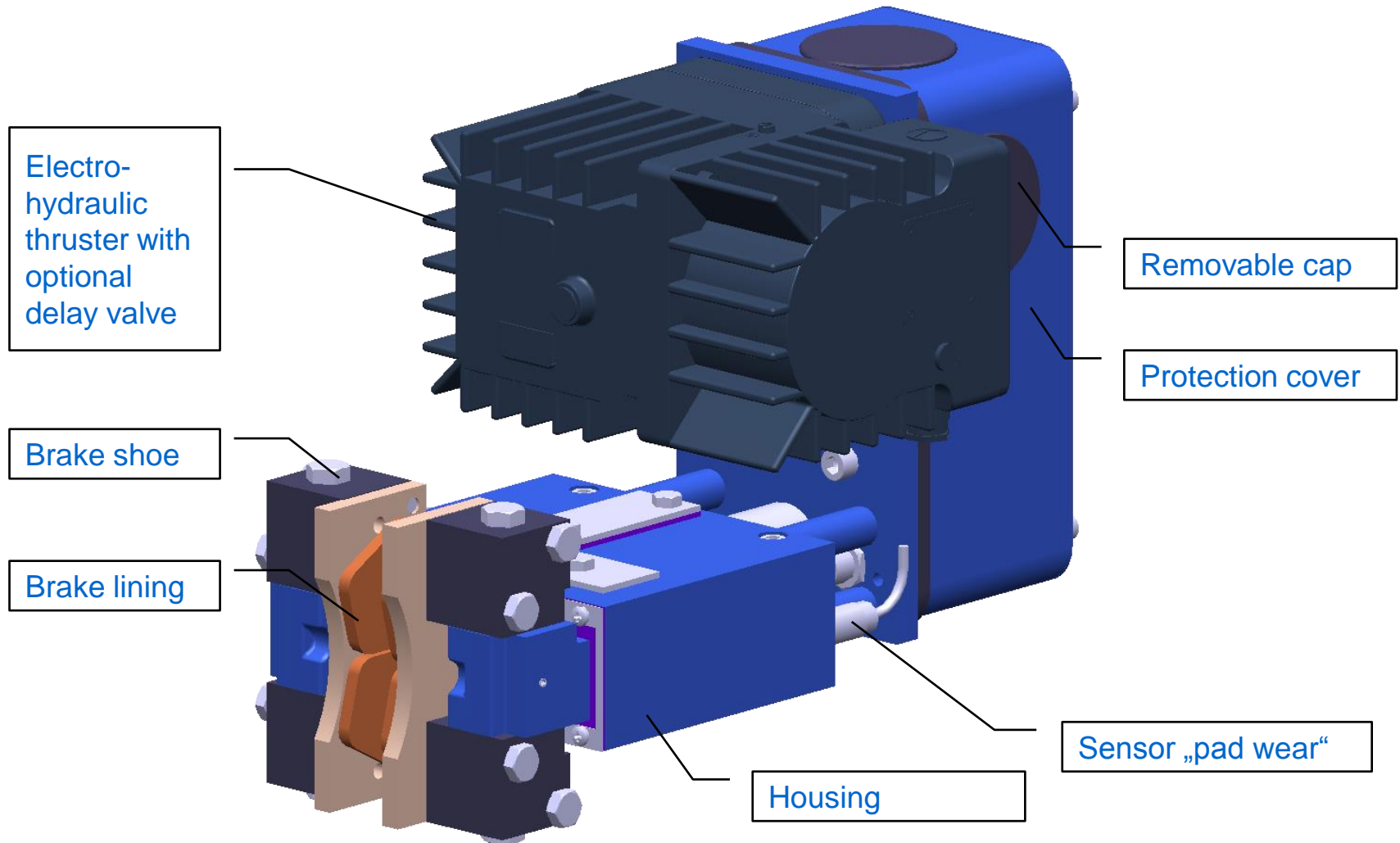
Compact disc brake type CB8

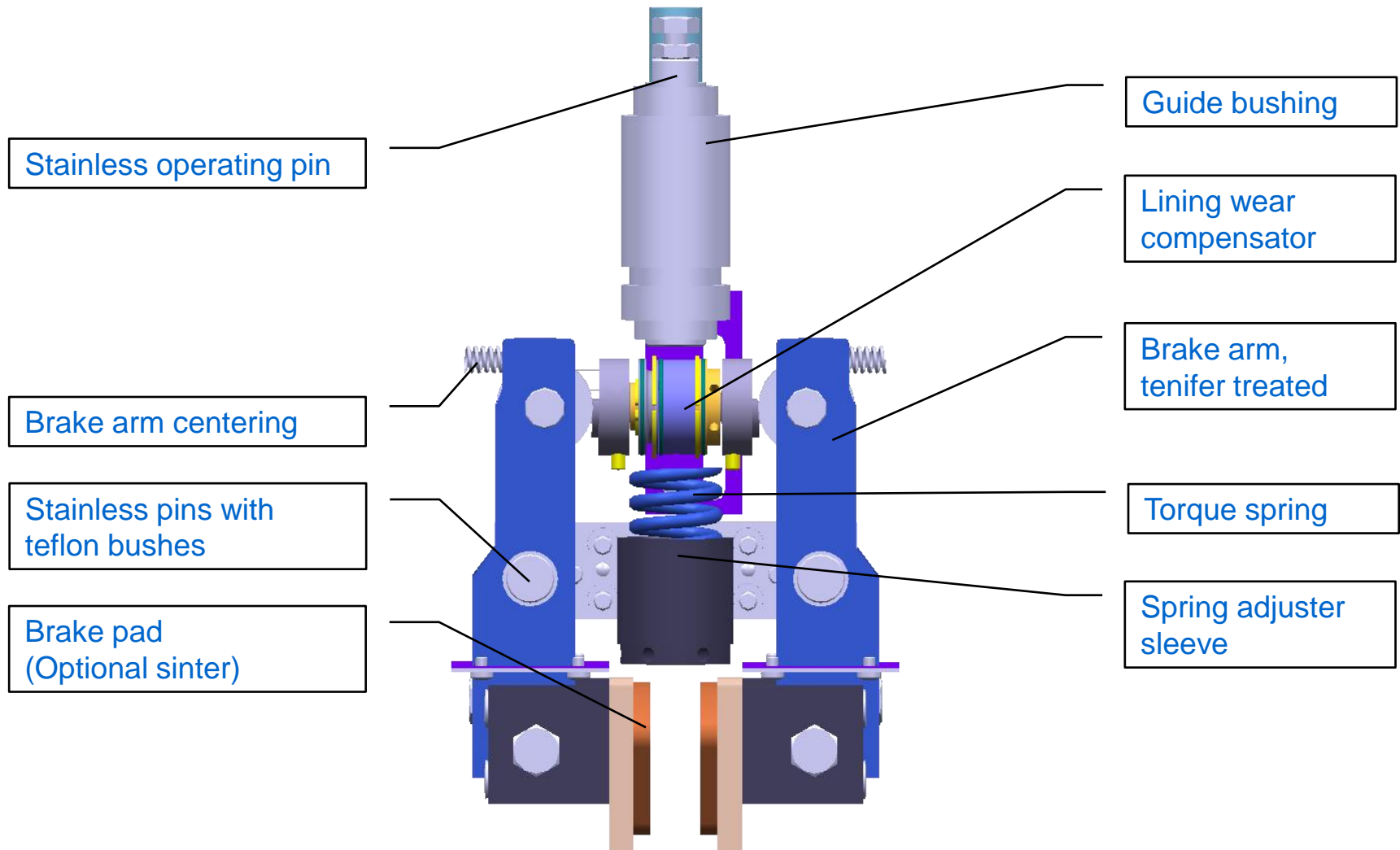


Options

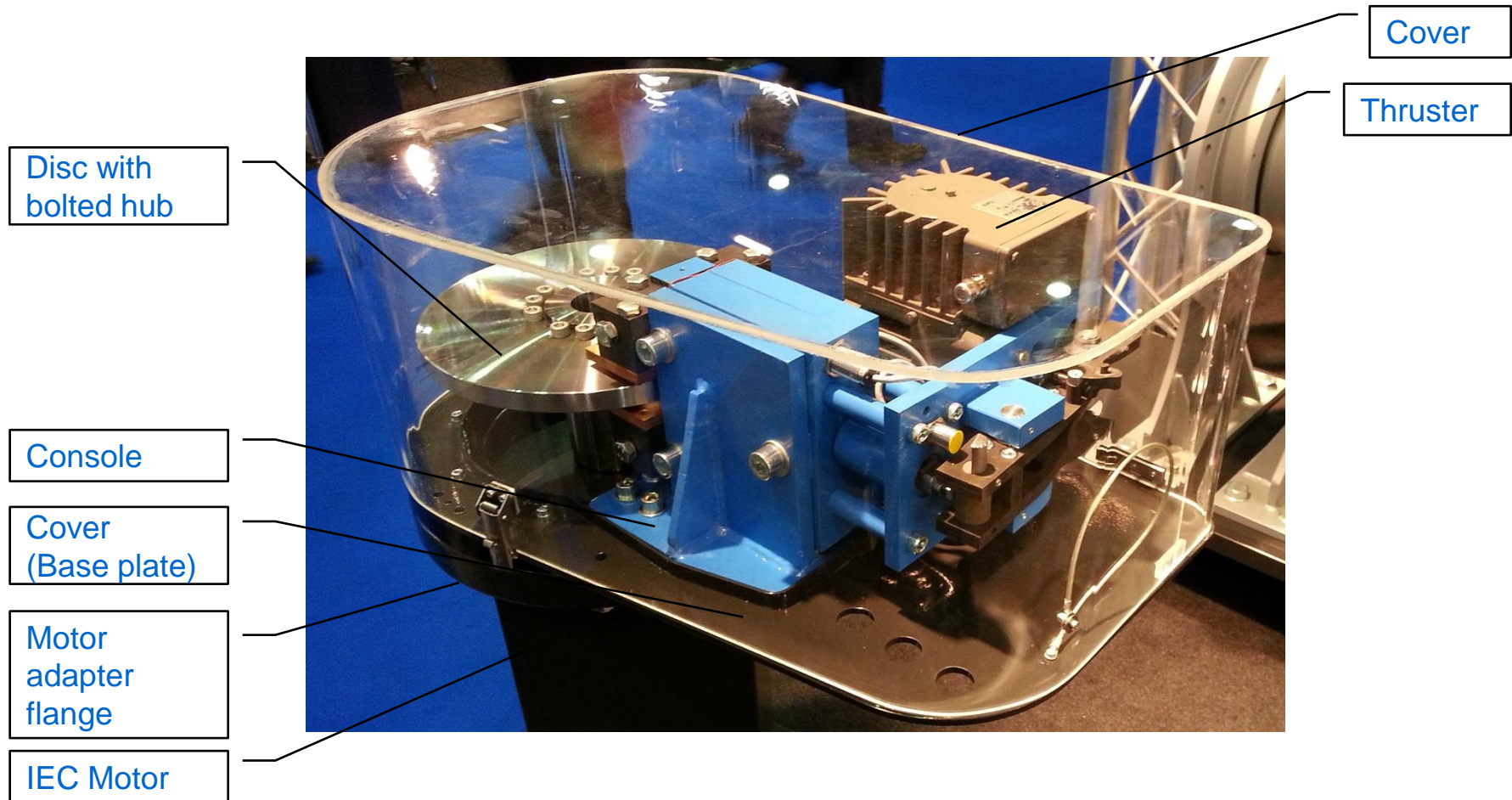
- Manual release
- Adjustable closing time by delay valve
- Proximity switches “open” & “wear limit”
- Enclosures







Fair model of CB8, typical application



Retrofit package **CB8-E**

Status Quo

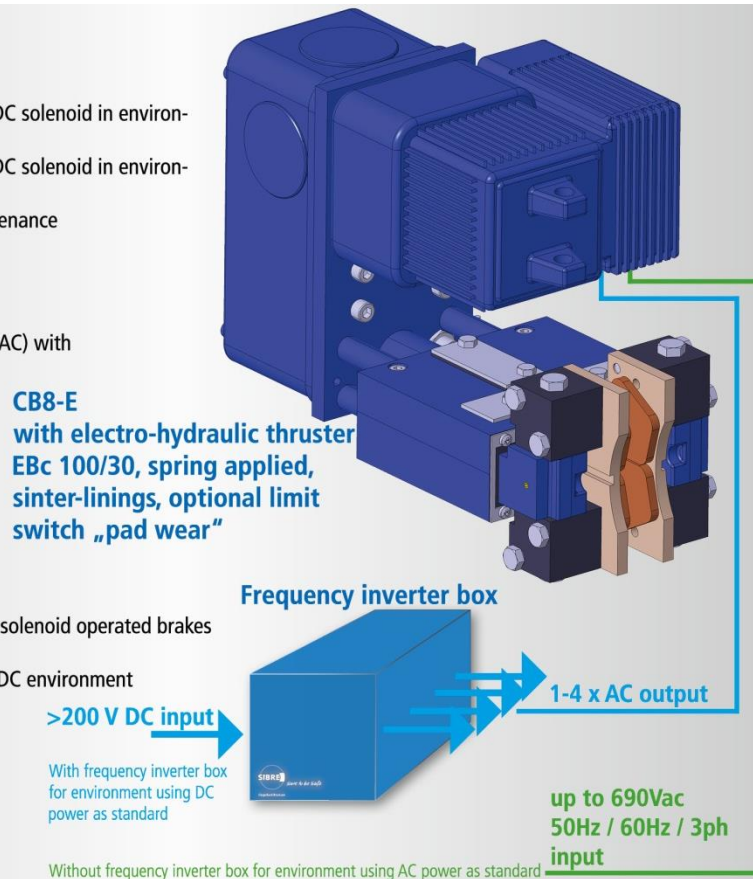
- Existing brakes in gantry travel drives with DC solenoid in environment with predominant AC power supply
- Existing brakes in gantry travel drives with DC solenoid in environment with predominant DC power supply
- Common applications require intense maintenance

Solution

- Retrofitting with compact disc brake **CB8-E** (AC) with
 - + console
 - + cover
 - + flange
 - + optional: frequency inverter with
 - 4 x AC power supply output
 - 1 x > 200 V DC power supply input

Advantages

- Easy retrofitting of existing motor brakes or solenoid operated brakes
- Power supply for up to 4 brakes
- No time and effort with extensive wiring in DC environment
- Virtually maintenance free
- Increases the life time of the system
- Reduces life cycle costs
- Worldwide service support



Independent of the power supply (AC or DC main power) available on the crane, the compact disc brake **CB8-E** is **ideal for retrofitting travel drives in container cranes** and this has given proof in over **230** applications.

Retrofit Package CB8-E



Already successfully implemented e.g.

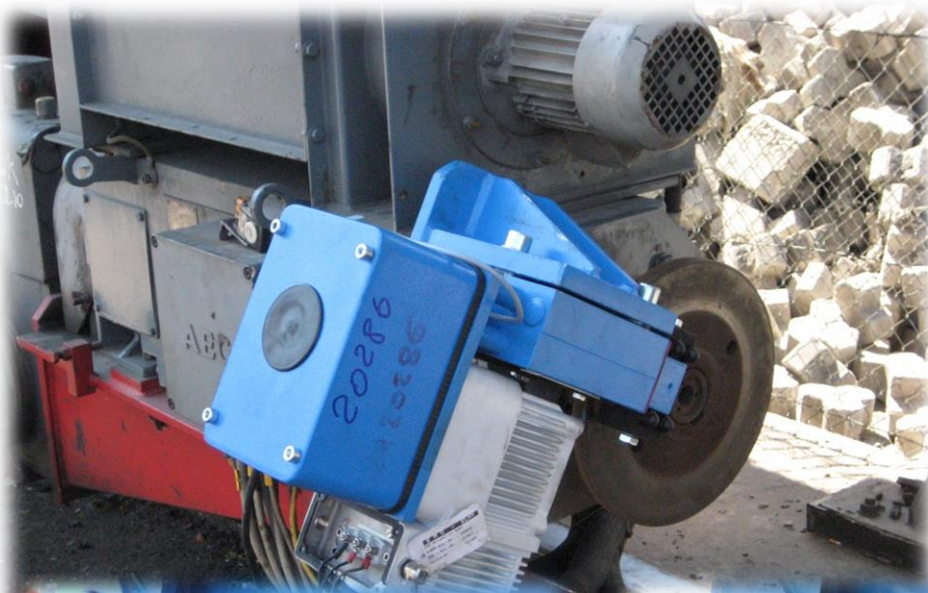
- APMT Algeciras, Spain
64 brakes in 4 off 60 ton STS cranes
- MIT, Panama
96 brakes in 6 off 60 ton STS cranes
- La Spezia, Italy
48 brakes in 4 off 50 ton RMG cranes
- Maher Terminal, NJ, USA
28 brakes for 60 ton STS cranes

Retrofit Package
Compact disc brake CB8-E
with frequency inverter



The CB8-E offers the ideal replacement brake especially for existing motor brakes which are released by a solenoid. The brake convinces with its compact design and low weight (25 kg without thruster, 35 kg including thruster) and flexible mounting options with protection cover.

In the field: CB8 in gantry travel drives



Successfully implemented e.g.

APMT Algeciras, Spain, 64
brakes in 4 off 60 ton STS cranes
MIT, Panama, 96 brakes in 6 off
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La Spezia, Italy, 48 brakes in 4
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Sure to be Safe

Siegerland Bremsen