CFCB Light – Compact Freight Car Brake Light

CFCB Light: the optimal combination of low weight, durability and cost. The new compact brake was consistently designed for very weight-critical applications.

**CUSTOMER BENEFITS**
- A maximum of weight reduction
- Modular design
- Low maintenance: easy exchange of wearing parts and brake cylinder
- Fully automatic slack adjuster for easy resetting
- Can be equipped with bogie-mounted and platform-mounted manual parking brakes
- Easy to install
- Easy to adapt to other gauges

**APPLICATIONS**
- Lightweight freight cars
- Freight cars with Y25 bogie
- Customization for other bogies/gauges possible
- Low-noise freight cars
**TECHNICAL DATA**

- Block force
  - of service brake max. 38 kN
  - of manual parking brake max. 26 kN
- Weight of service brake ~ 180 kg (BGU version)
- Weight of manual parking brake also ~ 180 kg (BGU version)
- Adjusting capacity 400 mm
- Permissible lateral axle movement +/-12 mm

**KEY FEATURES**

**Cylinder-integrated fully automatic slack adjuster**

- Easy commissioning: adjusting of block clearance with one brake application
- Simple resetting of slack adjuster

**Modular design**

- Same cylinder for all applications
- Block force is adjustable by changing the lever ratio without changing installation space to the bogie
- Easily convertible to parking brake unit
- Reduced installation time

**Version with manual parking brake**

- Overload protection by buffer spring
- Hand wheel position on the bogie or on the platform
- Hand wheel with integrated mechanical indication of parking brake status

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*Conversion from CFCB Light without hand brake to CFCB Light with hand brake*