



Hydraulic Supply and Control Units



Hydraulic Supply and Control Units are extremely compact, lightweight and robust. They are suited for supplying and controlling brake functions such as the parking, holding and degraded mode brake functions and are suited to a wide range of vehicle types. Thus, Hydraulic Supply and Control Units are especially designed for the demanding operating conditions of modern public transport systems.

CUSTOMER BENEFITS

- Modular design
- All sizes of equipment
- Field-tested components and proven design principles
- Option of DC, brushless DC or AC motor
- Minimal installation space required
- Installation configuration highly variable

APPLICATIONS

- Light rail vehicles
- Metros
- Monorails
- People movers

KNORR-BREMSE



TECHNICAL DATA

HYDRAULIC UNITS

with accumulator

HGD: for small and medium volume requirements

- For pressure or spring-actuated calipers
- With brake pressure regulation
- Pressure range from 0 to 100 bar
- Option of DC, brushless DC or AC motor
- Smallest measurement: 100 mm height
- Option of security brake
- Ideal for stopping/holding brakes and brakes with wheel slide protection
- Installation options: horizontal or vertical

HGE: for higher volume requirements

- For pressure or spring-actuated calipers
- With brake pressure regulation
- Pressure range from 0 to 100 bar
- Option of DC, brushless DC or AC motor
- Smallest measurement: 145 mm height
- Option of security brake and additional functions
- Ideal for stopping/holding brakes and brakes with wheel slide protection
- Installation options: horizontal or vertical

HYDRAULIC UNIT

highly compact and without accumulator

HGK

- For pressure or spring-actuated calipers
- For graduated braking
- Pressure range from 0 to 100 bar
- Option of DC, brushless DC or AC motor
- Smallest measurement: 100 mm height
- Option of security brake
- Ideal for stopping/holding brakes and parking brake functions
- Installation options: horizontal or vertical
- Direct release as standard

HYDRAULIC UNITS for auxiliary release circuit

HLE

Manual auxiliary release unit

- Manual activation of release pressure
- Manometer for pressure display
- Removable activation lever

EDHL

Electrical auxiliary release unit

- Electrical activation of release pressure
- Pressure monitoring
- Can be installed decentrally on bogie or car body
- Small, compact design
- Various installation options

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

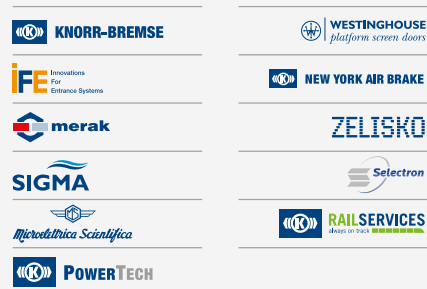
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