



HYDROCONTROL

Hydraulic Supply and Control Units

Hydraulic Supply and Control Units within the **HydroControl** product family are extremely compact, lightweight and robust. They are suited for supplying and controlling brake functions such as the parking, holding, degraded mode brake functions and auxiliary release applications. All HydroControl units are suited to a wide range of vehicle types. Thus, our HydroControl units are especially suited to the demanding operating conditions of modern public transport systems.



Customer benefits

- Modular design
- Service-proven components and design principles
- Option of DC, brushless EC or AC motor
- Minimal installation space required
- Installation configuration highly variable



Applications

- Light rail vehicles
- Metros
- Monorails
- People movers



KNORR-BREMSE



Technical data

HydroControl

with accumulator

HydroControl Compact (Type: HGD, HGDS): 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 EC 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

HydroControl Classic (Type: HGE, HGES): 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 EC or AC motor
- Smallest measurement: 145 mm height
- Option of security brake and additional functions such as integrated release or auxiliary release function
- Ideal for stopping/holding brakes and brakes with wheel slide protection
- Installation options: horizontal or vertical

HydroControl

highly compact and without accumulator

HydroControl Basic (Type: HGK)

- For pressure or spring-actuated calipers
- For graduated braking
- Pressure range from 0 to 100 bar
- Option of DC, brushless EC 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

HydroControl Aux for auxiliary release circuit

HydroControl Aux (Type: HLE, HLEM)

Manual auxiliary release unit

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

HydroControl Aux (Type: EDHL)

Electrical auxiliary release unit

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

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