APPLICATIONS
High-Speed Trains | Light Rail Vehicles | Locomotives | Metros | Monorails | People Movers | Regional and Commuter Trains | Special Vehicles

Windscreen Wiper and Wash Systems

Knorr-Bremse GmbH
Beethovenstraße 49-45
2244 Walding
Austria
Phone: +43 2236 409-0
Fax: +43 2236 409-2561
WWW.KNORR-BREMSE.AT

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH
Volketsrieder Straße 80
88004 Mannheim
Germany
Tel. +49 621 547-0
Fax: +49 621 547-2767
WWW.KNORR-BREMSE.COM

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CUSTOMER BENEFITS
- Tailor-made system solutions for each and every project
- Comprehensive system integration expertise covering OE design, modernization and retrofit needs
- Optimized total cost of ownership
- Full compliance with railway standards
- Global KB network for localization, after sales service, etc.

ALL IN ONE LOCATION
At its site in Mödling, Austria, Knorr-Bremse has built up decades of experience and know-how in windscreen wiper and wash systems. The results are thousands of successful installations from Dubai to any high-speed applications, which are in operation all over the world. They represent the unique capabilities of Knorr-Bremse from OE system layout definition to modernization of existing systems.

“A safety” provided by the windscreen wiper and wash system gets a totally new meaning when it comes to LRVs or streetcars being operated in the same traffic area together with cars, pedestrians and cyclists. This level of safety can only be achieved if the windscreen wiper and wash system is appropriately designed to provide the highest levels of system availability and reliability. Furthermore, high mechanical requirements resulting from the main system parameters (e.g. windscreen size and shape, wiping angle, as well as length of wiper arm and blade) are becoming more and more challenging. Traditional electric wiper systems, originally designed for the automotive industry, are no longer an appropriate, professional answer to those high mechanical loads. Therefore we offer a broad portfolio of fully railway-compliant electric and electro-pneumatic wiper systems which are typically maintenance-free over about a decade (core system).

LEADING TECHNICAL COMPETENCE
- Experienced engineering team and comprehensive testing facilities

TOTAL LIFE CYCLE SUPPORT
- One qualified partner for all needs along the life cycle

WORLDWIDE PRESENCE
- Local support, just around the corner

CUSTOMER BENEFITS
- OE system layout design
- Installation investigation
- Torque calculation
- Commissioning + training
- Replacement service
- Spare parts availability over 30 years
- Modernization of existing systems

KNORR-BREMSE PROVIDES SUPPORT AND SERVICES OVER THE ENTIRE LIFE TIME OF VEHICLES

Vehicle Life Time

WINDSCREEN WIPER AND WASH SYSTEMS