Low Noise Friction Blocks

APPLICATIONS
Freight Cars | Passenger Coaches | Locomotives

KNORR-BREMSE
LOW NOISE BRAKE BLOCKS
- TECHNICAL AND QUALITY FEATURES
- UIC certification
- Extended lifetime
- No jerking – stable friction levels
- No sparking

LL-BLOCK / L-BLOCK
Replacement of cast iron blocks for lower running noise and stable friction levels

IB116*
- Low Noise, low friction for freight wagons
- Experience at Icer Rail in Spain for more than 15 years
- TSI-approved since May 2013
- UIC homologation

ICER 903/62
- Low Noise block for passenger coaches
- Experience at Icer Rail in Spain for more than 10 years
- TSI-approved since January 2010
- UIC homologation

K-BLOCK
High friction levels for new freight cars with lowest wear rates

COSID 704
- 2nd generation of K-blocks with improved LCC
- Low Noise, high friction
- UIC homologation
Low Noise Emissions
Organic blocks have an improved impact on the wheel. The polished wheel surface rolls with lower noise over the tracks. Perceived rolling noise levels are reduced by 50% compared to CI blocks.

Low Weight
Knorr-Bremse blocks have much lower weight than cast iron blocks (70% less).
- Block replacement: easier handling for workers
- 12 > 4 kg
- Reduced weight means greater transportation efficiency and lower energy consumption

No Sparks
CI blocks have a higher tendency to spark during brake application. The organic blocks from Knorr-Bremse generate no sparks and protect the environment from fire hazards.

Environmental Protection – A Reason to Change

Noise reduction by approx. 10 dB(A)