

COMPONENTS

Sintered brake blocks

FOR METRO VEHICLES, LOCOMOTIVES AND FREIGHT WAGONS



Alstom offers a range of brake blocks according to different market standards. These products are used in heavy duty metro, locomotives or freight wagons.

Key references

France

- SNCF BB26000
- Lohr wagons
- Modalohr wagons

Finland

- K17 wagons

Taiwan

- Taipei Metro

Denmark

- DSB IR4 EMU

GENERAL DESCRIPTION

Alstom friction materials are fitted to a wide range of railway applications and are homologated by the main market players.

To serve the railway market in line with its evolution, Alstom channels its technical expertise towards friction pair concept to develop products which not only offer competitive life cycle cost but also are environmentally friendly.

CUSTOMER BENEFITS

Unique product designs

Our brake blocks surfaces are designed as customer's wishes to offer an optimal heat distribution.

Optimal customer experience

We optimize product damping characteristics to prevent braking noise and reduce particles emissions. This leads to an improved passenger comfort.

Outstanding lifecycle cost

Alstom works hand in hand with customers to provide the best life cycle cost. Our formulations are designed with less abrasives which leads to longer disc life.

Compliant with main standards

Our products are developed according main market standards such as UIC and AAR and in line with most important regulations.

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PRODUCT SPECIFICATIONS

Alstom offers a range of brake blocks dedicated to a wide variety of applications.

Material	Max. load per disc	Max. speed (km/h)	Maximum temperature	Friction level as reference	Modulus (MPa)	Max. specific pressure (N/cm ²)	Operational capabilities	UIC Category	Applications
C30	10 t	200	700 - 1000	0.28	85	400	Locomotives, EMU, metro	K Block	SNCF BB26000 locomotives, Arcelor Atlantic, DSB EMU IR4 Ansaldo, WKD, Taiwan Metro
C302	10 t	140	700 - 1000	0.26	85	400	Freight	K Block	VR Freight wagon K17
W30-1	10 t	140	700 - 1000	0.30	85	400	Freight	K Block	Modalohr, LOHR UIC, Ermewa

CE certification



Innovia APM 300, Shanghai

FOR MORE INFORMATION:

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