

Trailing bogies for the low floor LRV of New Jersey Transit



New Jersey Transit low floor LRV

Factsheet 4.00009

Details

Project details

- Customer: SIG Swiss Industrial-Company
- Time frame:
 - Conception: 1993 bis 1994
 - Realisation: 1995 bis 1998

Technical data of the bogie

- Track gauge: 1435 mm
- Mass: 45 t
- Length: 27,44 m

Futher details

- Low floor bogie with independent wheels

Contact

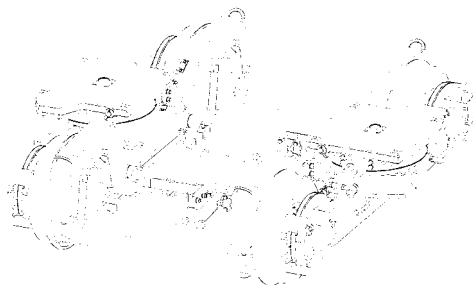
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Customer Requirement

The Japanese rolling stock manufacturer KINKI SHARYO received a contract for the delivery of low floor LRV's to the New Jersey Transit Authority. SIG Swiss Industrial-Company was responsible for the articulation joint and the trailing bogies based on a development and licence agreement.

Customer Advantage

It was possible to efficiently complete the project within the commercial and schedule objectives by commissioning the development of the bogies and the articulation as a package to PROSE.



Low floor trailing bogie for the New Jersey LRV

Realisation

SIG commissioned PROSE with the development and the design of the low floor running gears. The contract included the preparation of the manufacturing drawings for the bogies as well as the conception of the articulation joint, including all structural calculations.



Interior view of the articulation section

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