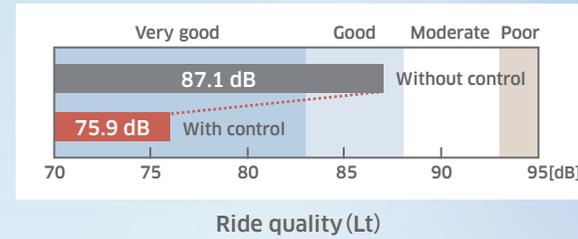


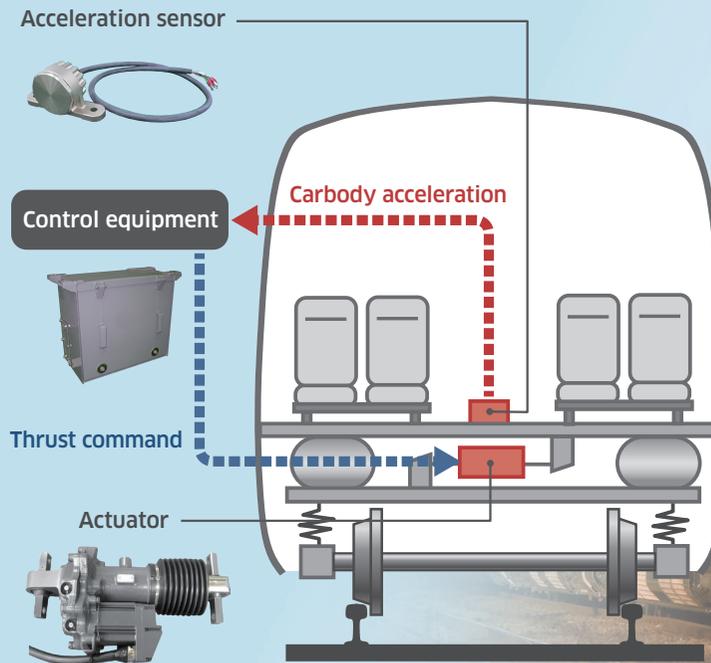
Active Suspension System

Compact, lightweight suspension system developed in-house to provide improved ride quality and lower energy consumption

This active suspension system has been downsized from previous actuator, with the installation length contracted from 750mm to 460mm and the weight reduced from 70kg to 32kg. The system also features a 30% improvement in power consumption, better responsiveness and reduced noise/vibrations.



Initial registration: 2016



Permitted by East Japan Railway Company

Product Description

An active suspension system that comes installed with an in-house developed electric actuator, and delivers significant improvements in ride quality.

Special Features

- Offers reduced power consumption compared with previous systems through a 50% improvement in efficiency of the actuator, which limits vibrations
- More compact and lightweight (downsized from 750mm and 70kg, to 460mm and 32kg) compared with previous actuator
- Reduces vibrations and negative impact on tracks through improved responsiveness