

TECHNICAL INSIGHT

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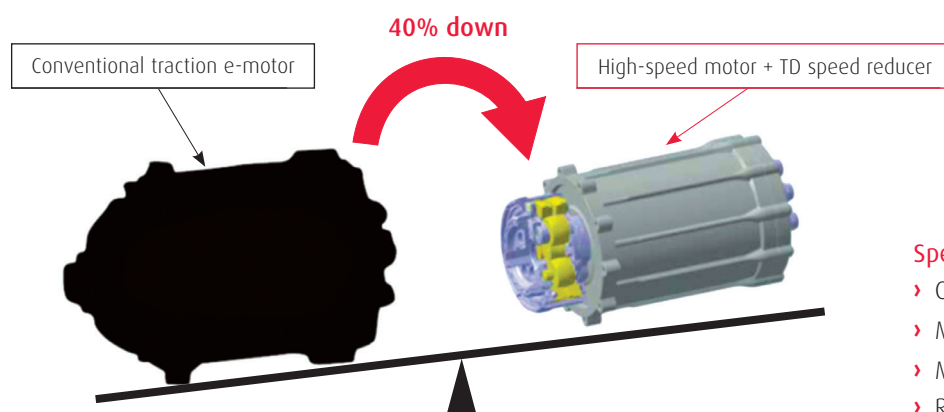
Traction Drive Speed Reducer

Development Objectives

- › Contributes downsizing by combined traction reducer and high-speed motor
- › Achieves significantly silent operation with traction drive

General Description and Features of the Product (Structure and Operating Principles)

High-speed motor with traction drive speed reducer



Specification of traction speed reducer

- › Capacity of transmit power: 125 [kW]
- › Maximum speed (Sun): 32,000 [rpm]
- › Maximum speed (Ring): 8,000 [rpm]
- › Reduction ratio: 4.0

Traction drive speed reducer



Torque transmitting flow

