

2輪BEV用2段変速駆動ユニット

2-Speed Drive Unit for 2-wheel BEV

EXEDY

開発中
Under Development

コンセプト

Concept

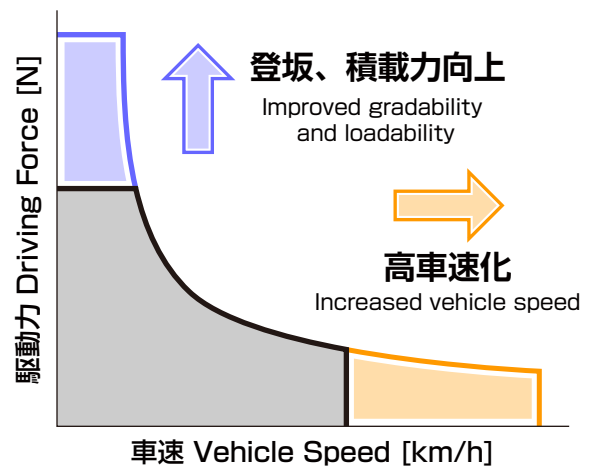
登坂力と高車速化を両立する変速機搭載ユニット

Transmission mounted unit that achieves both gradability and high speed

狙い

Objective

- **駆動性能向上** Improved driving performance
 - 登坂性、積載性向上
Improved gradability and loadability
 - 高車速化
Higher vehicle speed
- **電費向上** Improved electricity efficiency
 - レシオ設定と専用モータで電力消費低減
Reduced power consumption with ratio setting and dedicated motor
- **モータ、インバータの小型化・発熱抑制**
Downsizing and Exothermic suppression of motor and inverter
 - モータ最大トルクの低減
Reduction of maximum motor torque
 - インバータ最大電流の低減（駆動性能同等条件）
Reduction of inverter maximum current (under equal drive performance conditions)
- **トルク伝達の途切れがないシームレス有段変速**
Seamless stepped transmission with no interruption of torque transmission
- **リアタイヤ横にユニットを集約した高いスペース効率**
High space efficiency with integrated units next to the rear tire



適用車両：二輪車、三輪車
超小型モビリティ

Applicable vehicle :
2-wheel vehicles, 3-wheel vehicles,
ultra-compact mobility

構成図

Configuration Diagram

