

eDT – eDriveTransmissions

Compact and efficient transmissions for eDrives in a single housing. Well-defined bolt-on interface for the eMotor allows a convenient assembly. Desireless line-up of variants and features.



Features and Specifications

- Wide eMotor input torque range up to 660Nm.
- Single-speed variants (1eDT) are available in a 3-axis offset or a 2-axis layshaft coaxial gearbox structure
- Two-speed variants available with non-seamless (2eDT) or seamless shift (2eDCT) functionality
- Duodrive variants (1eDTduo, 2eDTduo) are capable of 2 eMotor inputs with an optional interlock clutch for performance
- All variants are capable of parklock or decoupling function

Competitive advantage/differentiators

- Modular, scalable approach enabling best-in-class wide range of applications (1eDT, 2eDT, 2eDCT, 1eDTduo, 2eDTduo)
- Field proven building-blocks optimized for efficiency, NVH and performance
- Auxiliary control options for decoupling, multispeed and parklock

Applications/benefits

- Hybrid and Battery Electric Vehicles
- B/C/D/E segment cars, SUVs and LCVs
- Primary and secondary eDriveSystems
- Supports OEM eM/Inv. inhouse mfg' strategy
- Field proven interface to eM/Inverter supply
- Efficiency, weight optimized subsystem

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production