

Dual-Clutch Transmission

Dual-Clutch Transmission DCT Eco

The DCT Eco is part of the transverse product family ranging from DCT to DHD. By maintaining the physical 4-speed transmission of the DHD, the advantages in terms of low complexity, small package and low weight are conveyed to conventional DCT applications with significant cost benefits.



Features and Specifications

- Max. torque: 250 Nm
- Installation length: 350 mm
- Vehicle segment: A - C (FWD & AWD)
- Center distance: 188 mm
- Weight (including oil): 61 kg
- Package optimized design
- Wet nested dual clutch
- Smart actuation and cooling
- Single shift drum
- Air and glycol cooling via transmission housing

Competitive advantage/differentiators

- Best-in-class efficiency leading to extended range and reduced operating costs
- Best-in-class torque-to-weight ratio
- Adjustable drivability by software and clutch modulation, and customizable driving modes
- Compact design

Applications/benefits

- Innovative gearset design for an extremely small package
- On demand electromechanical actuation with very low power consumption
- Start-Stop and extended sailing capability
- Derived from Magna PT Building Blocks & Function Groups

