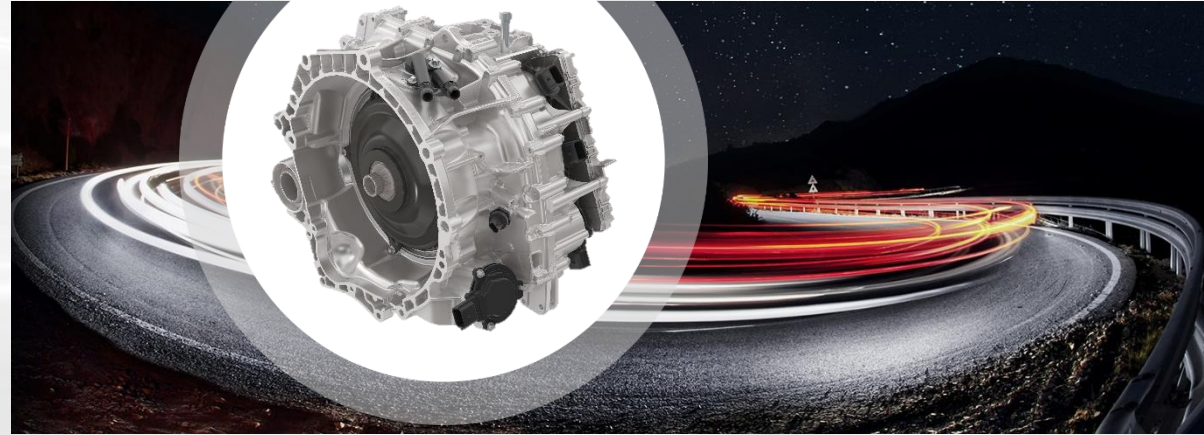


FWD Dual-Clutch Transmission 7DCT400

The 7DCT400 offers high versatility for applications up to 400 Nm and class-leading efficiency. It combines low-loss layshaft transmission technology with 3rd generation electrohydraulic on-demand clutch actuation. The “Smart Actuation” requires a mere 30 W or less, well within the NEDC. Thanks to its flexible gearset layout and adaptable shift and clutch characteristics, the 7DCT400 is suitable for efficient automation of medium- to high-torque vehicles.



Features and Specifications

- Max. torque: 400 Nm
- Installation length: 369 mm
- Input shaft – differential: 197 mm
- Overall ratio 1st gear: 14.28 – 16.99
- Gear ratio spread: up to 8.15

Competitive advantage/differentiators

- Excellent shift comfort
- Capable of multiple driving modes, including sport, comfort etc.
- Best-in-class efficiency
- Electromechanical actuation with very low power consumption

Applications/benefits

- All-wheel drive application possible
- Ready for start-stop and sailing without hardware change
- Integrated cooling

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production