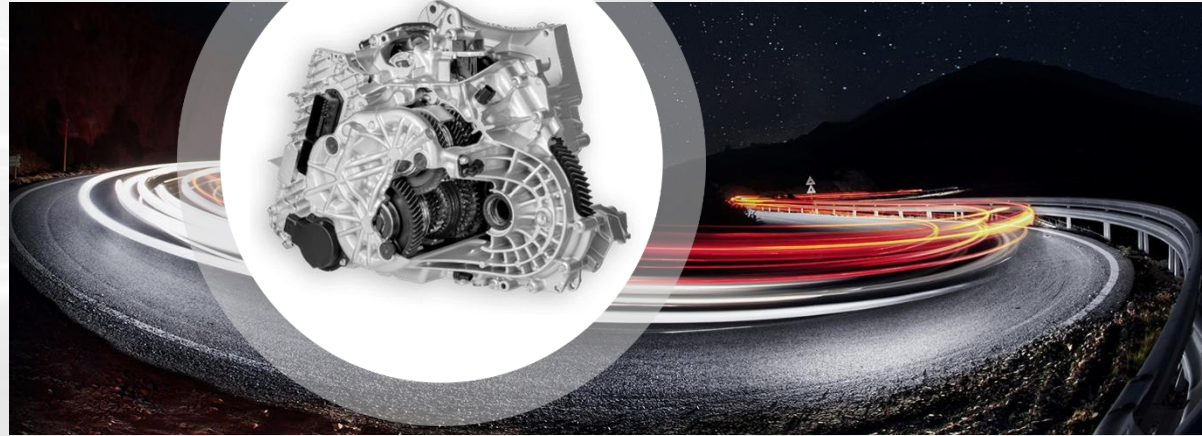


Medium FWD Dual-Clutch Transmission 7DCT300

The 7DCT300 offers high versatility for applications up to 300 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 New European Driving Cycle (NEDC). Thanks to its flexible gearset layout and programmable shift and clutch characteristics, the 7DCT300 is suitable for any transverse vehicle application type within its torque segment.



Features and Specifications

- Max. torque: 300 Nm
- Weight (incl. oil): 70 / 71 kg
- Installation length: 369 mm
- Input shaft – differential: 188 mm
- Overall ratio 1st gear: 13.7 - 18.6
- Gear ratio spread: up to 8.5

Competitive advantage/differentiators

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

Applications/benefits

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

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production