Hybrid Dual-Clutch Transmission
7HDT400 48V

7-speed hybrid dual-clutch transmission for mild hybrids. Torque-split design to enable ideal use of the efficiencies of the combustion engine and the e-motor. Ideal for C- up to D-segment.

Features and Specifications
- Max. torque: 400 Nm
- Installation length: 369 mm
- Center distance: 197 mm
- Ratio 1st gear: 14.3 - 16.99
- Gear ratio spread: 7.873

Competitive advantage/differentiators
- -19 % fuel consumption vs. DCT (WLTP)
- Adjustable drivability by clutch modulation and eRock-cycling
- 400 Nm ICE torque plus e-boost capability
- Best-in-class torque-to-weight ratio (= 4.3 Nm/kg) and interchangeable flexibility

Applications/benefits
- Reuse of matured technologies and building blocks incl. ASIL C

Contact: Dr. Carsten Buender / carsten.buender@magna.com
Disclosure or duplication without consent is prohibited