

Dedicated Hybrid Drive DHD Plus

The DHD Plus is part of the 400 family and uses a smart modular scalability approach for high torque, high voltage (HV) applications - acting as a dedicated hybrid transmission with eLaunch, eReverse and two gears in electric driving. It provides full powershift capability in all modes. Ideal for C- up to D-segment.



Features and Specifications

- Maximum ICE torque: 400 Nm up to 500 Nm (e-boost)
- E-motor: 120 kW @350 V 200 Nm peak
- Installation length: 360 mm
- Center distance: 197 mm
- Weight: 113 kg w/o DMF, w/ oil and inverter

Competitive advantage/differentiators

- -83 % fuel consumption vs. DCT (WLTC)
- Strong 120 kW e-motor peak power to support any all-day driving condition with pure electric drive eCrawler for creeping and high towing capability
- Short y-length of 360 mm Suitable interchangeable flexibility to cope with market dynamics
- Smooth e-power shiftability
- Best NVH behavior

Applications/benefits

- Low risk by reuse of matured technologies and building blocks with ASIL C

SOP

