

Dedicated Hybrid Drive DHD Eco

The DHD Eco is part of the 230 family using a smart modular scalability approach for Low Torque HV applications. The DHD Eco is reduced to four gears (acting as a dedicated hybrid drive) with eLaunch, eReverse and two gears in electric driving.

for B-C Segment



Features and Specifications

- Nominal torque: up to 250 Nm
- Boost torque: up to 300 Nm (e-boost)
- E-motor: 120 kW at 350 V; 200 Nm peak
- Installation length: 350 mm
- Center distance: 188 mm
- Weight: 98 kg w/o DMF, w/ oil & INV

Competitive advantage/differentiators

- -74 % fuel consumption vs. DCT (WLTC)*
- Adjustable drivability by clutch modulation & SW functions to support individual OEM branding
- Strong 120 kW e-motor peak power to support any all-day driving conditions with pure electric drive

Applications/benefits

- Low risk by reuse of matured technologies & building blocks, ASIL C
- Short y-length of 350 mm
- Suitable interchangeable flexibility to cope with market dynamics

* 1.0l 120kW 3-Cyl. Gasoline; Capacity 12kWh (useable)

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production