

Automated Hybrid Transmission 6AHT425

Highly efficient 6-speed auto-shifted manual transmission with integrated 350 V electric motor for light commercial vehicles.

P3 hybrid (e-motor connected to transmission output) with two independent electric ratios and decoupling option.



Features and Specifications

- Max. torque: 425 Nm
- Installation length: 400 mm
- C/d crank shaft – differential: 204.8 mm
- Ratio 1st gear (base unit): 13.7 - 18.8
- Gear ratio spread: 7.5 – 7.8

Features and Specifications

- E-Drive:
- 65 kw HV e-Motor (water-cooled)
- E-drive ratios: 1st = 21; 2nd = 12
- Capable to perform all hybrid functions, incl. pure electric driving up to 70kph

Features and Specifications

- Standard 6MTT425 with integrated HV e-Motor, hybrid gear set, decoupling device, shifter dome with integrated actuators and e-clutch actuator

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production