

Small FWD BMT 6BMT215

Boosted Manual Transmission with integrated 48V e-motor based on 6MTT215. P3 hybrid configuration with electric motor driving final drive via 2-speed transfer gear set delivers CO2 savings, full boost capability and electric drive functionalities at complete speed range.



Features and Specifications

- Max. torque (ICE + e-motor): 240 Nm + 55 Nm
- E-clutch: automatic or manual operation
- Electric motor (EM): 48V, 15KW (55Nm)
Oil cooled
- Ratios EM to wheel: 1st gear: 26:1,
2nd gear: 10:1
- Max gross vehicle mass: 1900 kg
- Max gross trailer mass: 2900 kg

Benefits

- CO2 saving of up to 20% (WLTP)
- Performance increase through full boost capability 0-100 km/h improvement)
- Electric drive features like fully automated parking or traffic jam assist
- EV mode drive without shift up to 40km/h
- Optional low-cost automation – improved shift quality through e-torque fill

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production