

# Hybrid Manual Transmission 6HMT215

All new small 6-speed manual transmission with integrated 48 V electric motor.

P3 type hybrid configuration with electric motor, driving the final drive ring gear via 2-speed transfer gear set and 3-way coupling.



## Features and Specifications

- Electric motor (EM): 48 V, 15 kW, max. 55 Nm  
Oil cooled
- Inverter: 48 V, CAN  
Water cooled
- Ratios EM to wheel: 10:1; 26:1 (opt. 9:1, 29:1)
- EM coupling states: Ratio1 – N – Ratio 2
- EM coupling actuator: 12 V, CAN

## Features and Specifications

- Clutch actuator: 12 V, CAN
- Cooling pump: 12 V
- TM control: integrated within PCM
- Package: B-car to C-car

## Features and Specifications

- Max. torque: 215 Nm
- Distance I/S – differential: 184 mm
- Overall length: 380 mm
- Overall ratio 1st gear: 11.51 up to 16.62
- Gear ratio spread: 4.51 up to 6.01

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production