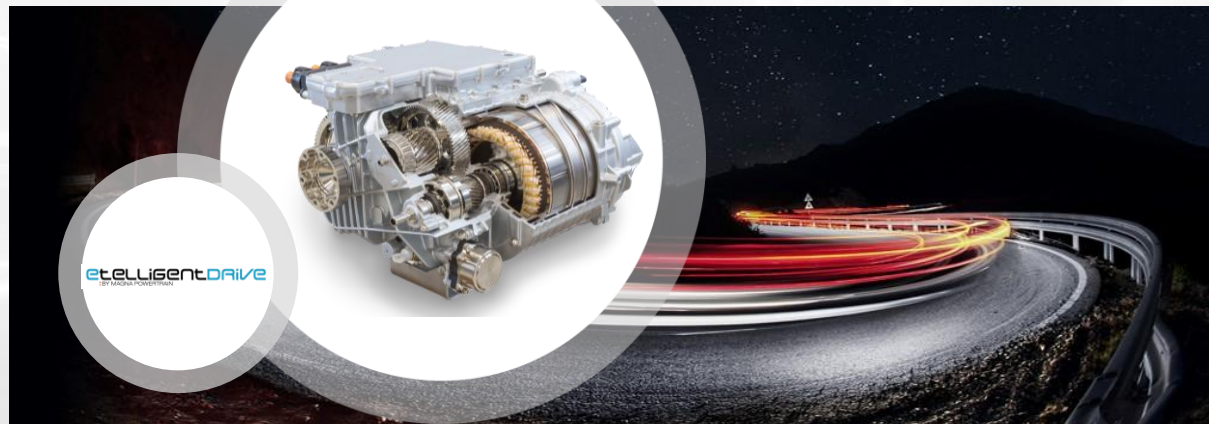


# eDS – electric Drive System

Performance oriented design, technology combined with an efficient integrated package delivering power and spirited driving performance.



## Features and Specifications

- Up to 270kW for 10sec and up to 5,300Nm at the wheels
- Fulfills ISO 26262 - ASiL “D”
- Can be applied to hybrid and battery electric vehicles

## Core Technology

### Inverter

- Optimized integrated design
- Integrated Dual Power stage
- Rating<sub>Peak</sub> to 450V<sub>dc</sub> / 960A<sub>rms</sub>
- Protection Class IP6K9K

### Gearbox

- Compact single speed gearbox

- Offset architecture w ePark-lock
- NVH Optimized to DIN3990

### E-Motor

- 6 Phase Internal Permanent Magnet
- Continuous Operation, 100kW / 2400Nm
- High speed up to 18,000rpm

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production