

NEW OPPORTUNITIES FOR INTEGRATED DESIGNS

Even for traditional combustion engines, more electrified on-demand subsystems are used to meet regional and national CO2 requirements. Looking at the EV and HEV sector, new drivetrain and chassis architectures set new requirements for size, thermal management, and noise behavior of components.

Our advanced PM technology offers smart solutions for several car components. This includes E-pumps and E-motors for the growing number of on demand actuated Fly-by-wire systems (also called X-by-wire). Other applications are NVH optimized gears for e-drive transmissions, and other lightweight solutions through lightweight materials and designs.

