

Electrical oil pump

Smart solution for actuation, lubrication and cooling in electrified vehicles



High efficiency with custom-designed and optimized pumping elements

compact design

by an electric motor with high power density

low noise vibration harshness

setting a benchmark level

- ▶ Bosch has developed electric oil pumps to meet major market requirements in the segment of electrified vehicles. Bosch pumps optimize the functions of lubrication, cooling and actuation in eAxle and automated transmissions.
- ▶ Market demands are covered by three modular power classes and by an application dedicated hydraulic part. Integration of hydraulic parts, motor and control electronics is anyway guaranteed by the design concept.
- ▶ Smart functions can be integrated according to customer needs.