

# Electric oil pump for passenger cars

Smart solution for cooling, lubrication and actuation

High efficiency and benchmark setting noise vibration harshness level



## eAxle electric machine cooling

High power density enabler and high continuous power enabler

## Gearbox efficiency

By cooling, lubrication and actuation

## Energy optimization

On demand thermal management

### TECHNICAL CHARACTERISTICS

	L-80	L-300	CL-500
POWER CLASS	80 W	150 – 300 W	Up to 500 W
TYPICAL OIL FLOW & PRESSURE	10 l/min at 0.5 bar	22 l/min at 2 bar	24 l/min at 2.4 bar
	7 l/min at 0.9 bar	2.6 l/min at 30 bar	4.6 l/min at 30 bar
MOTOR	12 V BLDC	12 V BLDC	12 V BLDC
PROTOCOL	LIN	LIN	CAN (LIN)

- ▶ Integrated design with pumping elements, electric motor and electronic engine control unit, achieving energy-saving and compact packaging
- ▶ Market demands are covered by modular power classes and by a dedicated hydraulic part
- ▶ IoT offering Predictive Diagnostics and Predictive Maintenance incl. option to replace physical sensors with virtual sensors