

Press Release

Electric Dry Runner Water Pumps

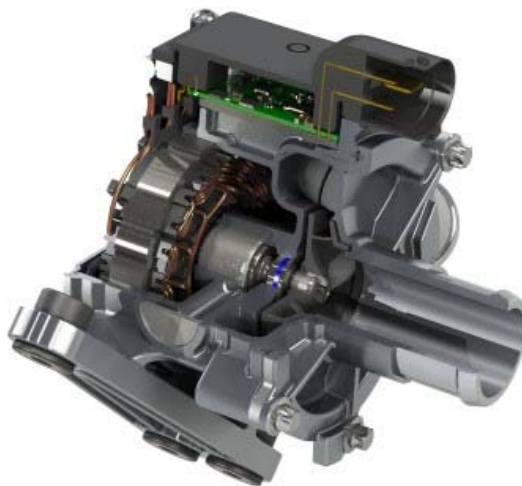
NIDEC GPM is announcing a complete family of electric dry runner water pumps.

The demand for electric water pumps, especially for application in hybrid electric vehicles, plug-in-hybrids and electric vehicles, is growing quickly. They can contribute to CO₂ reduction within advanced thermal management systems.

So far, electric wet runner water pumps with canned motors are the predominant technology within the automotive industry. NGPM identified a big improvement potential regarding robustness against blocking, outer size and efficiency. For that reason, a new family of dry runner water pumps without canned motor is being developed.

The new pump family is divided into three types, small auxiliary (10W - 70W), large auxiliary (80W - 280W) and main pumps (300W - 600W with 12V) up to 2.4kW with 48V.

This innovation is a synergy project within the NIDEC Business Unit Automotive Motor & Electronic Control (AMEC). It combines the cutting edge know how for BLDC motor technology of NIDEC Motors & Actuators with NIDEC GPM's market expertise for mechanical water pumps.



Press Contact:

Contact Person: Nadine Tusche
NIDEC GPM GmbH

Schwarzbacher Straße 28
98673 Auengrund OT Merbelsrod
Germany

Phone: +49 36878 64 4328
mailto: nadine.tusche@nidec-gpm.com
www.nidec.com