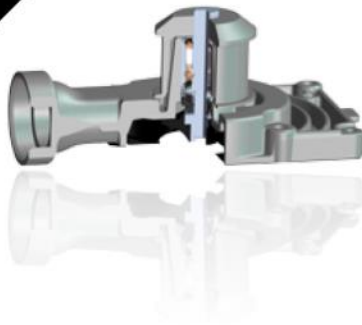


PRODUCT BRIEF



WATER PUMPS



The water pump is a vital part of the vehicle's thermal management system. It delivers coolant on demand through the radiator and through the engine in order to get and keep the engine at an optimal temperature for combustion. Gates offers 2 types of water pumps designed for high efficiency and long durability: engine cooling water pumps and electric water pumps.

ENGINE COOLING WATER PUMPS

For cooling of

- > Light and heavy duty automotive engines
- > Industrial, agricultural and light duty marine engines

SOLUTION FOCUS DESIGN CHARACTERISTICS

- > Plastic pump body for weight reduction
- > Complex impeller design for improved efficiency
- > Flow control technology
- > Low volume specialty
- > Solving packaging issues with pumps driven by power steering pumps, gears and chains



ELECTRIC WATER PUMPS

For cooling of

- > Hybrid vehicle batteries and control units
- > Electric vehicle motors
- > Turbochargers

Design characteristics

- > Can accept any customer specified control type and connection mode
- > Motor controller housing meets IP67 standard
- > Low noise bearing made of composite material
- > Advanced brushless DC driving technology
- > Operating range: -40°C to +120°C
- > High efficiency flow

For more information:

Asia: InfoAOEAsia@gates.com
Europe: InfoAOEEU@gates.com
North America: InfoAOENA@gates.com

© Gates Corporation 2014

Gates.com The manufacturers reserve the right to amend details where necessary.