

Electric Water Pump



Electric Water Pump

Variation

Variation

30W class



60W class



Function

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This pump circulates coolant in a water circuit system. It is used for a coolant-based water temperature controlling system to cool such EV systems as motors, inverters, and batteries, and water circulation of heater circuits for air conditioner.

The pump rotates in response to a direction from ECU and controls the flow rate to keep the target parts at an optimum temperature.

Features

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- High efficiency by optimum pump design
- Service life extension by improving the bearing abrasion resistance
- NV lowering by reducing impeller unbalance
- Output enhancement by optimizing the motor design

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30W class



Power consumption [W]	36
Discharge flow rate [L/min]	10 to 12
Outer dimensions [mm]	Φ69×L100
Weight [g]	330

60W class



Power consumption [W]	60
Discharge flow rate [L/min]	20 to 22
Outer dimensions [mm]	Φ75×L112
Weight [g]	550

Components

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