High Torque DC Motor
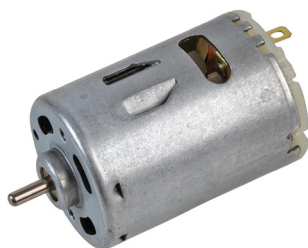
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Overview

A 3 pole DC motor suitable for industrial, automotive or marine applications

Specifications

Nominal Voltage   : 7V (operating range 6V - 12V)
Load Speed   : 20400 RPM (±12%)
Load Current   : 1.8A (maximum)
Speed at Maximum Efficiency : 19,500 RPM (±10%)
Current at Maximum Efficiency : 4.7A
Torque   : 261g-cm
Output   : 47W
Insulation Resistance Test   : DC 500V >100MΩ
Stall Torque   : 1850g-cm
Motor dimensions   : 50×35.8mm (L×Ø)
Shaft dimensions   : 9×3.2mm (L×Ø)

Diagram

Dimensions : Millimetres
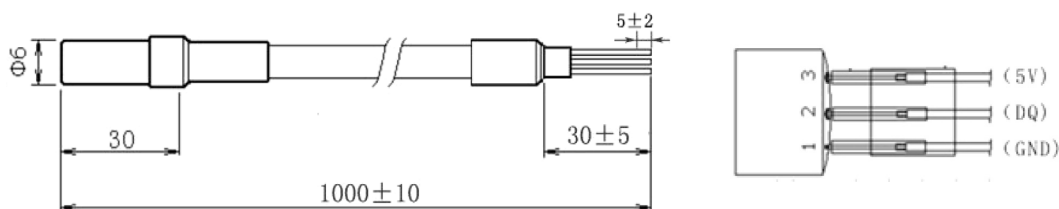
Part Number Table

Description	Part Number
High Torque DC Motor, 6V to 12V, 19,500RPM	PEL00883

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