

Column Type Electric Power Steering System for the Racing Car

Compact, lightweight column-type electric power steering has been developed for the EV racing car.



Equipped car

(c)NISSAN

<Results of equipped car>

2012 ALL JAPAN EV-GP Series 2-time entry

Round.3 All-Japan SUGO EV 50 km Race (2nd Place)

Round.4 All-Japan SODEGAURA EV 50 km Race
(Champion)

Demonstration running in previous event of the 24
Hours of Le Mans race (2011)

Features

1. Conditions of Use

(1) Equipped car: EV-based racing car

- Weight: 925 kg
- Drive system: MR
- Maximum output: 80kW
- Maximum torque: 280 N·m

(2) Equip location: In the cabin

2. Structure

(1) Column-type electric power steering: ECU, Motor integrated structure

(2) Intermediate shaft: High-rigidity joints and high-rigidity ball slider type

(3) Manual steering gear: Rack & pinion type

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