



Siemens SP260D

The **Siemens SP260D** is a German electric motor for powering electric aircraft, designed and produced by Siemens of Erlangen.^[1]

SP260D	
Type	<u>Electric aircraft engine</u>
National origin	<u>Germany</u>
Manufacturer	<u>Siemens</u>

Design and development

The SP260D is a brushless design producing 261 kW (350 hp), with an inrunner coil. It has a 95% efficiency. The low working rpm of the engine means that it can turn a propeller at efficient speeds without the need for a reduction drive.^[1]

Specifications (SP260D)

Data from Tacke^[1]

General characteristics

- **Type:** Brushless electric aircraft engine
- **Length:** 300 mm (11.8 in)
- **Diameter:** 418 mm (16.5 in)
- **Dry weight:** 50 kg (110.2 lb)

Components

- **Coil type:** inrunner
- **Cooling system:** air
- **Reduction gear:** none

Performance

- **Power output:** 261 kW (350 hp)
- **Voltage:** V nominal
- **Best efficiency:** 95
- **Power-to-weight ratio:** 5.22 kW/kg

See also

- MagniX
- Siemens SP90G

Related lists

- List of aircraft engines

References

1. Tacke, Willi; Marino Boric; et al: *World Directory of Light Aviation 2015-16*, pages 262-263. Flying Pages Europe SARL, 2015. ISSN 1368-485X (<https://www.worldcat.org/search?fq=x0:jrn1&q=n2:1368-485X>)
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