

SINAMICS G115D

Siemens EcoTech Profile

Intra-logistic converter (wall and motor mount)



Minimum material use

Material reduction of 33% in aluminum casting compared to predecessor*.



Energy efficiency

Energy efficiency has improved by up to 5.1% compared to the predecessor*.



Maintenance possible / Updatability

Updatable by the customer via built in SD card reader.



Repairability

Spare parts for the G115D are now available.



Upgradability

New functionalities are regularly introduced through software upgrades, ensuring the product remains up to date.



Compliant with substance regulations

Protect people and environment by avoiding substances of concern.



EPD Type II or Type III available

The Environmental Product Declaration (EPD) provides transparency on the environmental impact of the product throughout its life cycle. Type II according to ISO 14021 including Life Cycle Impact Assessment (LCIA). Type III verified and certified according to ISO 14025.



Scan for [Environmental Product Declarations \(EPD\)](#) and further technical information.



Further information on the product

Sustainable materials:



Minimum material use

- The SINAMICS G115D castings together weigh an average of **4.2kg** compared to **6.3kg** for the predecessor* (based on smallest and largest frame sizes). This results in an average reduction of **2.1kg (33%)** in the casting material.

Optimal use:



Energy efficiency

- Energy efficiency improvements on 0.75kW by **2.4%** and on 7.5kW by **5.1%**, compared to the predecessor*, based on IEC61800-9-2 standards.



Maintenance possible / Updatability

- The SINAMICS G115D offers enhanced updatability over its predecessor* by enabling customers to update their software in the field using the built in SD card reader.

Value recovery:



Repairability

- Multiple spare parts, which were not available with the predecessor* product, are now available for G115D. This includes the option to replace the electronic module.



Upgradability

- The SLS (Safely Limited Speed) feature was introduced via software. This enhancement was made accessible to existing customers through a software upgrade, which can be enabled using a license file.

*SINAMICS G110D

Our production facilities

Our goal is clear: All Siemens production facilities and buildings worldwide are to achieve a net zero-carbon footprint by 2030. Today, all Siemens EcoTech products are manufactured in production facilities using **100% renewable electricity**.

And the ambitions go much further. The management systems implemented in our production facilities reduce the environmental impacts of our sites. Furthermore, we ensure fair treatment and respect for our people. More information about the 360° view on Siemens' sustainable transformation: [Learn more about our DEGREE framework](#)



Scan for more information on the [Siemens EcoTech framework](#)



TÜV Rheinland has independently validated the assessing methodology behind this product sheet's data evaluation according to ISO 14020 and 14021 standards.

Our Robust Eco Design process

The Siemens Robust Eco Design (RED) approach provides the foundation for integrating Ecodesign systematically into our product development and allows us to derive Ecodesign specifications that are advantageous from an environment point of view while meeting our own sustainability goals as well as those of our customers and suppliers. The RED approach involves three phases:

Application perspective

Definition of relevant product families, identification, and prioritization of Ecodesign requirements from stakeholder expectations.

Solid foundation

LCA-based assessment of environmental impacts for representative products along the entire life cycle, communicated via EPD.

Dematerialization

Evaluation of quantitative environmental impacts of Ecodesign and of further requirements, derivation of improved design specifications wherever reasonable.

