

Data sheet for SINAMICS G130



MLFB-Ordering data: **6SL3310-1GF35-8AA3**

Client order no.:

Order no.:

Offer no.:

Remarks:

Item no.:

Consignment no.:

Project:

Rated data

Input

Supply frequency	47...63 Hz
Input supply voltage	500 V \pm 10%
Rated input current	598 A
Max. current	918 A
Pulse number	6
Regenerative capability	No (2Q)

Output:

Output voltage	500 V
Rated output (LO) in kW	400 kW
Rated power (HO) in kW	315 kW
Rated output current	575 A
Rated output current (LO)	560 A
Rated output current (HO)	514 A
Output current Max	840 A
Pulse frequency (default setting)	1.25 kHz

Basic data:

Power losses ΔP	8.1 kW
Sound pressure level L_{pA} (1 m)	70 dB
Conductor cross section, max. (IEC)	4 x 240 mm ²
Degree of protection	IP00
Dimensions (H x W x D)	1506 mm x 503 mm x 540 mm
Weight approx.	294 kg
Frame size	HX

Environmental conditions

Installation altitude	1000 m
Coolant	Air
Air cooling requirements	0.78 m ³ /s
Ambient temperature	0 °C - +40 °C

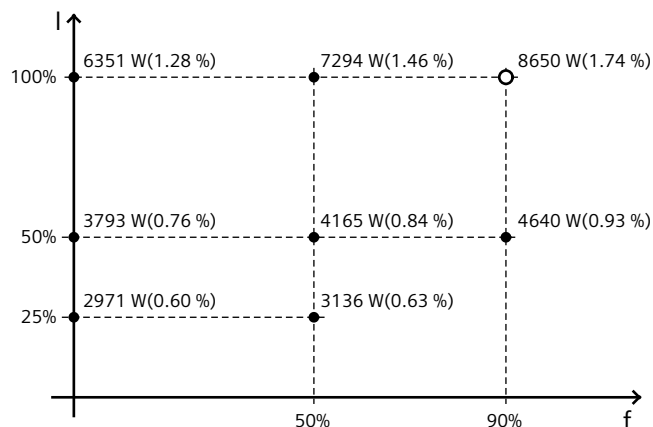
Converter losses to EN 50598-2*

Efficiency class

IE2

Comparison with the reference converter (90% / 100%)

-57.43 %



The percentage values show the losses in relation to the rated apparent power of the converter.

The diagram shows the losses for the points (as per standard EN 50598) of the relative torque generating current (I) over the relative motor stator frequency (f). The values are valid for the basic version of the converter without options/components.

*converted values

Special design