

Data sheet for SINAMICS G130



MLFB-Ordering data: **6SL3310-1GE32-1AA3**

Client order no.:

Order no.:

Offer no.:

Remarks:

Item no.:

Consignment no.:

Project:

Rated data

Input

Supply frequency	47...63 Hz
Input supply voltage	400 V \pm 10%
Rated input current	229 A
Max. current	335 A
Pulse number	6
Regenerative capability	No (2Q)

Output:

Output voltage	400 V
Rated output (LO) in kW	110 kW
Rated power (HO) in kW	90 kW
Rated output current	210 A
Rated output current (LO)	205 A
Rated output current (HO)	178 A
Output current Max	307 A
Pulse frequency (default setting)	2 kHz

Basic data:

Power losses ΔP	2.46 kW
Sound pressure level L_{pA} (1 m)	64 dB
Conductor cross section, max. (IEC)	4 x 240 mm ²
Degree of protection	IP20
Dimensions (H x W x D)	1400 mm x 326 mm x 356 mm
Weight approx.	104 kg
Frame size	FX

Environmental conditions

Installation altitude	1000 m
Coolant	Air
Air cooling requirements	0.17 m ³ /s
Ambient temperature	0 °C - +40 °C

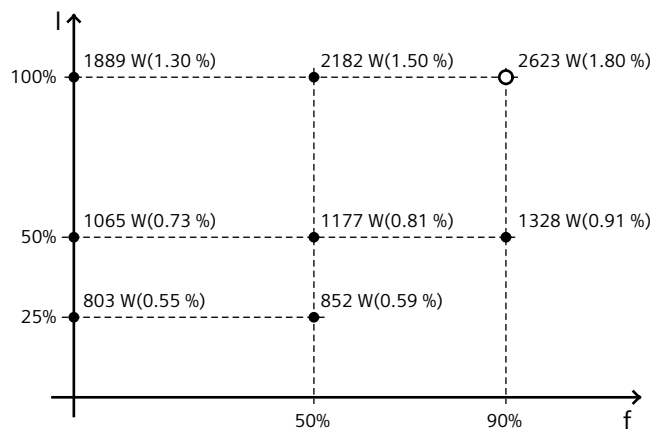
Converter losses to EN 50598-2*

Efficiency class

IE2

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

-56.03 %



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