

## 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 $\Delta P$             | 2.65 kW                   |
| Sound pressure level $L_{pA}$ (1 m) | 64 dB                     |
| Conductor cross section, max. (IEC) | 4 x 240 mm <sup>2</sup>   |
| 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

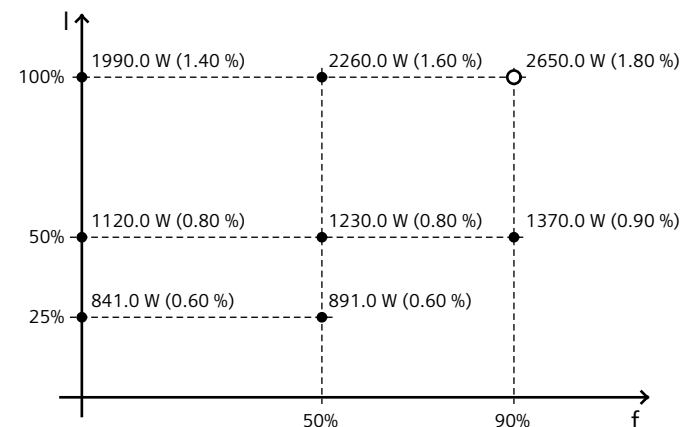
|                          |                        |
|--------------------------|------------------------|
| Installation altitude    | 1000 m                 |
| Coolant                  | Air                    |
| Air cooling requirements | 0.17 m <sup>3</sup> /s |
| Ambient temperature      | 0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

### Converter losses to IEC61800-9-2\*

Efficiency class

IE2

Comparison with the reference converter (90% / 100%) 44.5 %



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 IEC61800-9-2) 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

#### Supplementary system components

6SL30401GA011AA0 - Control Unit Kit CU320-2 PN (PROFINET, EtherNet/IP)