

Article No. : 6SL3310-1GF34-1AA3



Figure similar

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

Rated data

|                            |             |      |
|----------------------------|-------------|------|
| Input                      |             |      |
| Supply frequency           | 47...63 Hz  |      |
| Supply voltage             | 500 V ±10 % |      |
| Rated input current        | 426 A       |      |
| Max. current               | 655 A       |      |
| Pulse number               | 6           |      |
| Energy recovery capability | No          | (2Q) |

|                                   |          |  |
|-----------------------------------|----------|--|
| Output                            |          |  |
| Output voltage                    | 500 V    |  |
| Rated power (LO) in kW            | 250 kW   |  |
| Rated power (HO) in kW            | 200 kW   |  |
| Rated output current              | 410 A    |  |
| Rated output current (LO)         | 400 A    |  |
| Rated output current (HO)         | 367 A    |  |
| Output current Max                | 600 A    |  |
| Pulse frequency (factory setting) | 1.25 kHz |  |

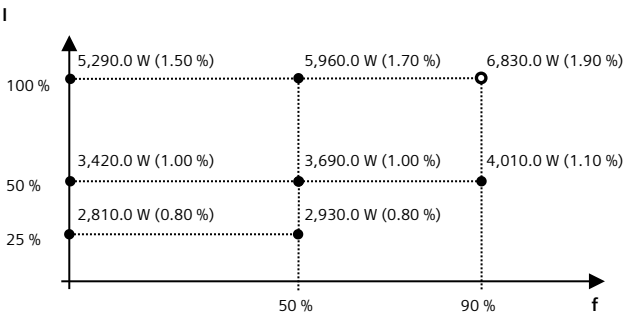
|                                            |                            |  |
|--------------------------------------------|----------------------------|--|
| Basic data                                 |                            |  |
| Power losses ΔP                            | 6.83 kW                    |  |
| Sound pressure level L <sub>pA</sub> (1 m) | 70 dB                      |  |
| Conductor cross section, max. (IEC)        | 4 x 240 mm <sup>2</sup>    |  |
| Degree of protection                       | IP00                       |  |
| Dimensions (H x W x D)                     | 1,506 mm x 503 mm x 540 mm |  |
| Weight approx.                             | 294 kg                     |  |
| Frame size                                 | HX                         |  |

Environmental conditions

|                          |               |
|--------------------------|---------------|
| Installation altitude    | 1,000 m       |
| Coolant                  | Air           |
| Coolant requirement, air | 0.78 m³/s     |
| Ambient temperature      | 0 °C - +40 °C |

Converter losses to IEC61800-9-2\*

|                                                      |      |
|------------------------------------------------------|------|
| Efficiency class                                     | IE2  |
| Comparison with the reference converter (90% / 100%) | 47 % |



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.

\*calculated values

Special design

Line-side power components

Load-side power components

DC link components

Supplementary system components

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