

Article No. : 6SL3310-1GE35-0AA3



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	400 V ±10 %
Rated input current	509 A
Max. current	781 A
Pulse number	6
Energy recovery capability	No (2Q)

#### Output

Output voltage	400 V
Rated power (LO) in kW	250 kW
Rated power (HO) in kW	200 kW
Rated output current	490 A
Rated output current (LO)	477 A
Rated output current (HO)	438 A
Output current Max	715 A
Pulse frequency (factory setting)	2 kHz

#### Basic data

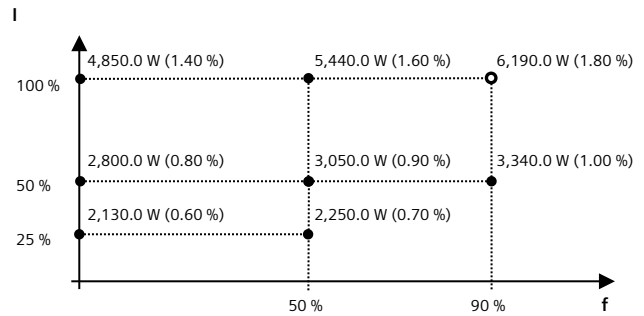
Power losses ΔP	6.19 kW
Sound pressure level L <sub>pA</sub> (1 m)	69 dB
Conductor cross section, max. (IEC)	4 x 240 mm <sup>2</sup>
Degree of protection	IP20
Dimensions (H x W x D)	1,533 mm x 326 mm x 545 mm
Weight approx.	176 kg
Frame size	GX

### Environmental conditions

Installation altitude	1,000 m
Coolant	Air
Coolant requirement, air	0.36 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%) 44.6 %



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)