

## **Data sheet for SINAMICS G150**

MLFB-Ordering data: 6SL3710-1GH38-1AA3

Item no.: Consignment no.:

Project:

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

Rated data Input		
Supply voltage	690 V ±10%	
Rated input current	842 A	

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Rated input current	842 A
Max. current	1295 A
Pulse number	6
Energy recovery capability	No (2Q)

Output:	
Output voltage	690 V
Rated power (LO) in kW	800 kW
Rated power (HO) in kW	710 kW
Rated output current	810 A
Rated output current (LO)	790 A
Rated output current (HO)	724 A
Output current Max	1185 A
Pulse frequency (factory setting)	1.25 kHz

# Basic data:

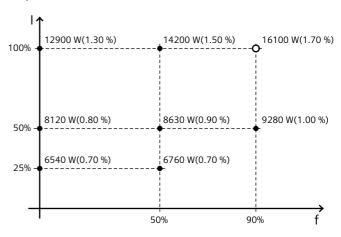
Power losses ΔP	16.1 kW
Power loss including options	16.1 kW
Sound pressure level L <sub>pA</sub> (1 m)	72 dB
Conductor cross section, max. (IEC)	8 x 240 mm²
Degree of protection	IP20
Dimensions (W x H x D)	2000 mm x 1600 mm x 600 mm
Weight approx.	1360 kg
Frame size	J
Design	Α
Color, paint shade	RAL7035

Environmental conditions		
Installation altitude	1000 m	
Coolant	Air	
Coolant requirement, air	1.48 m³/s	
Ambient temperature	0 °C - +40 °C	

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

Efficiency class IE2

Comparison with the reference converter (90% / 100%) 40.7 %



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 including line choke without options/components.

\*calculated values

### Special design

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