

# **Data sheet for SINAMICS G150**

MLFB-Ordering data: 6SL3710-1GF35-8AA3

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

Remarks:

Item no.: Consignment no.: Project:

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Input	
Supply frequency	4763 Hz
Supply voltage	500 V ±10%
Rated input current	598 A
Max. current	-/-
Pulse number	6
Energy recovery capability	No (2Q)

#### **Output:**

Output voltage	500 V
Rated power (LO) in kW	400 kW
Rated power (HO) in kW	315 kW
Rated output current	575 A
Rated output current (LO)	560 A
Rated output current (HO)	514 A
Output current Max	840 A
Pulse frequency (factory setting)	1.25 kHz

#### **Basic data:**

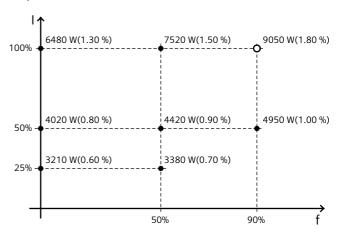
Power losses ΔP	9.05 kW
Power loss including options	9.05 kW
Sound pressure level L <sub>pA</sub> (1 m)	72 dB
Conductor cross section, max. (IEC)	4 x 240 mm²
Degree of protection	IP20
Dimensions (W x H x D)	2000 mm x 1200 mm x 600 mm
Weight approx.	860 kg
Frame size	Н
Design	A
Color, paint shade	RAL7035

Environmental conditions		
Installation altitude	1000 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%) 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 including line choke without options/components.

\*calculated values

## Special design