

Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GE37-5AA3-Z

M54

Order no.:

Client order no.:

Offer no.: Remarks:

Item no.: Consignment no.:

Project:

Rated data

Input	
Supply frequency	4763 Hz
Supply voltage	400 V ±10%
Rated input current	775 A
Max. current	1188 A
Pulse number	6
Energy recovery capability	No (2Q)

Output:

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Output voltage	400 V
Rated power (LO) in kW	400 kW
Rated power (HO) in kW	315 kW
Rated output current	695 A
Rated output current (LO)	676 A
Rated output current (HO)	532 A
Output current Max	1087 A
Pulse frequency (factory setting)	1.25 kHz

Basic data:

Coolant requirement, air

Power losses ΔP	9.88 kW
Power loss including options	9.88 kW
Sound pressure level L _{pA} (1 m)	70 dB
Conductor cross section, max. (IEC)	4 x 240 mm²
Degree of protection	IP54
Dimensions (W x H x D)	2400 mm x 1200 mm x 600 mm
Weight approx.	750 kg
Frame size	Н
Design	Α
Color, paint shade	RAL7035

Environmental conditions Installation altitude 1000 m

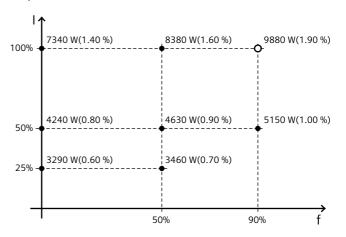
Coolant Air

Ambient temperature 0 °C - +40 °C

Converter losses to IEC61800-9-2*

Efficiency class IE2

Comparison with the reference converter (90% / 100%) 46.9 %



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

0.78 m3/s

Special design

IP54 degree of protection M54

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