

Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GE32-6CA3

Rated data

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

Item no.: Consignment no.: Project:

2 kHz

3.72 kW

Input	
Supply frequency	4763 Hz
Supply voltage	400 V ±10%
Rated input current	284 A
Max. current	410 A
Pulse number	6
Energy recovery capability	No (2Q)
Output:	
Output voltage	400 V

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Rated power (LO) in kW	132 kW
Rated power (HO) in kW	110 kW
Rated output current	260 A
Rated output current (LO)	250 A
Rated output current (HO)	233 A
Output current Max	375 A

Basic data:

Pulse frequency (factory setting)

Power losses ΔP

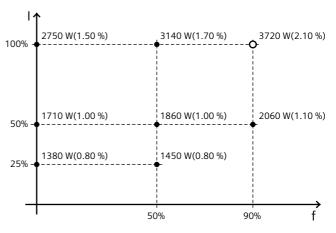
Power loss including options	3.72 kW
Sound pressure level L _{pA} (1 m)	69 dB
Conductor cross section, max. (IEC)	2 x 240 mm²
Degree of protection	IP20
Dimensions (W x H x D)	2000 mm x 400 mm x 600 mm
Weight approx.	225 kg
Frame size	F
Design	C (compact)
Color, paint shade	RAL7035

Environmental conditions				
Installation altitude	1000 m			
Coolant	Air			
Coolant requirement, air	0.23 m³/s			
Ambient temperature	0 °C - +40 °C			

Converter losses to IEC61800-9-2*

Efficiency class IE2

Comparison with the reference converter (90% / 100%) 50.5 %



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