SIEMENS

Data sheet for SINAMICS G150



MLFB-Ordering data: **6SL3710-1GF33-3CA3**

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

Item no.:
Consignment no.:
Project:

Rated data

Input

Supply frequency	47...63 Hz
Supply voltage	500 V ±10%
Rated input current	343 A
Max. current	525 A
Pulse number	6
Energy recovery capability	No (2Q)

Output:

Output voltage	500 V
Rated power (LO) in kW	200 kW
Rated power (HO) in kW	160 kW
Rated output current	330 A
Rated output current (LO)	320 A
Rated output current (HO)	280 A
Output current Max	480 A
Pulse frequency (factory setting)	1.25 kHz

Basic data:

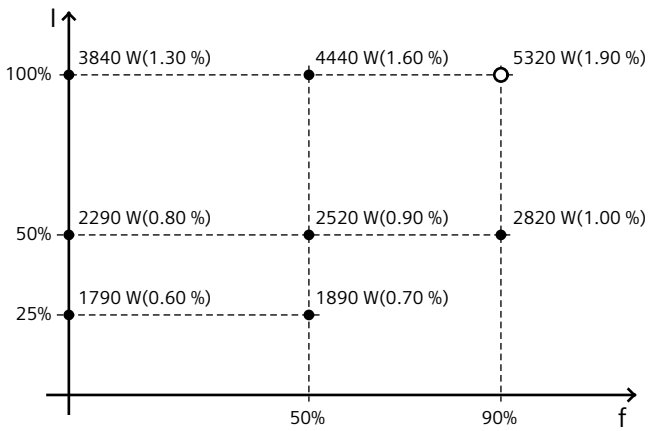
Power losses ΔP	5.32 kW
Power loss including options	5.32 kW
Sound pressure level L_{pA} (1 m)	69 dB
Conductor cross section, max. (IEC)	2 x 240 mm²
Degree of protection	IP20
Dimensions (W x H x D)	2000 mm x 400 mm x 600 mm
Weight approx.	300 kg
Frame size	G
Design	C (compact)
Color, paint shade	RAL7035

Environmental conditions

Installation altitude	1000 m
Coolant	Air
Coolant requirement, air	0.36 m³/s
Ambient temperature	0 °C - +40 °C

Converter losses to IEC61800-9-2*

Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	45.4 %



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