

Data sheet for SINAMICS G150

Article No. : 6SL3710-1GE37-5CA3-Z
M54



Figure similar

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

Item no. :
Consignment no. :
Project :

Rated data

Input	
Supply frequency	47...63 Hz
Supply voltage	400 V ±10 %
Rated input current	775 A
Max. current	1,188 A
Pulse number	6
Energy recovery capability	No (2Q)

Output	
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	1,087 A
Pulse frequency (factory setting)	1.25 kHz

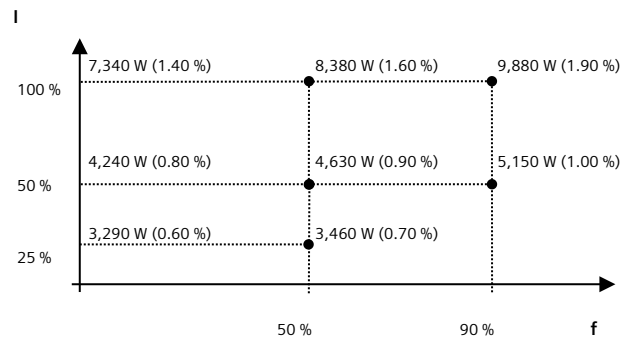
Basic data	
Power losses ΔP	9.88 kW
Power loss including options	9.88 kW
Sound pressure level L _{pA} (1 m)	70 dB
Conductor cross section, max. (IEC)	4 x 240 mm ²
Degree of protection	IP54
Dimensions (H x W x D)	2,400 mm x 600 mm x 600 mm
Weight approx.	670 kg
Frame size	H
Design	C (compact)
Color, paint shade	RAL7035

Environmental conditions

Installation altitude	1,000 m
Coolant	Air
Coolant requirement, air	0.78 m ³ /s
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

Special design

M54 IP54 degree of protection