

Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GH34-1AA3

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

Item no.: Consignment no.: Project:

natea aata					
Input					
Supply frequency	4763 Hz				
Supply voltage	690 V ±10%				
Rated input current	426 A				
Max. current	655 A				
Pulse number	6				
Energy recovery capability	No (2Q)				
Output:					
Output voltage	690 V				
Rated power (LO) in kW	400 kW				
Rated power (HO) in kW	315 kW				
Rated output current	410 A				
Rated output current (LO)	400 A				

Rated data

367 A Rated output current (HO) Output current Max 600 A Pulse frequency (factory setting) 1.25 kHz

Basic data:

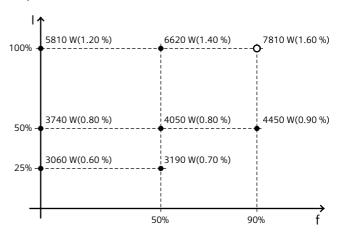
Power losses ΔP	7.81 kW		
Power loss including options	7.81 kW		
Sound pressure level L _{pA} (1 m)	72 dB		
Conductor cross section, max. (IEC)	4 x 240 mm²		
Degree of protection	IP20		
Dimensions (W x H x D)	2000 mm x 1200 mm x 600 mm		
Weight approx.	780 kg		
Frame size	Н		
Design	Α		
Color, paint 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%) 39.1 %



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