SIEMENS

Data sheet for SINAMICS G150

Article No. : 6SL3710-1GF31-8CA3



Figure similar

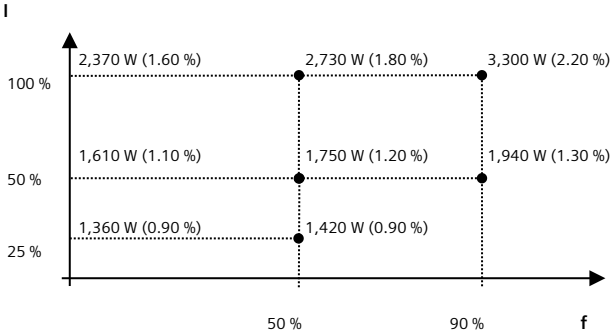
Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Rated data		
Input		
Supply frequency	47...63 Hz	
Supply voltage	500 V ±10 %	
Rated input current	191 A	
Max. current	279 A	
Pulse number	6	
Energy recovery capability	No	(2Q)
Output		
Output voltage	500 V	
Rated power (LO) in kW	110 kW	
Rated power (HO) in kW	90 kW	
Rated output current	175 A	
Rated output current (LO)	171 A	
Rated output current (HO)	157 A	
Output current Max	255 A	
Pulse frequency (factory setting)	1.25 kHz	
Basic data		
Power losses ΔP	3.3 kW	
Power loss including options	3.3 kW	
Sound pressure level L_{pA} (1 m)	69 dB	
Conductor cross section, max. (IEC)	2 x 240 mm²	
Degree of protection	IP20	
Dimensions (H x W x D)	2,000 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	1,000 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%)	53.1 %



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