



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GH34-7AA3

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

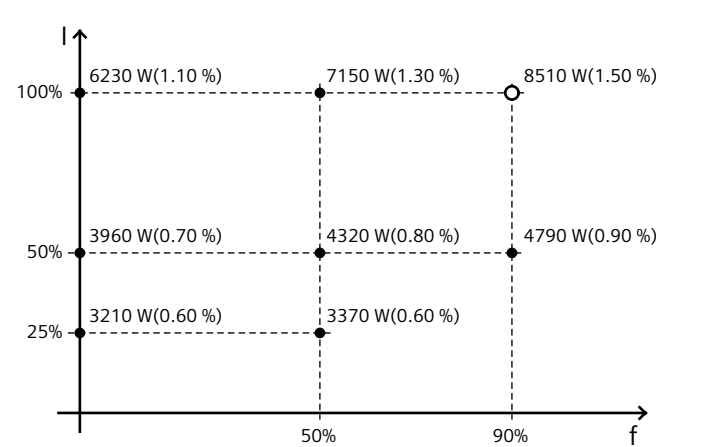
Item no.:  
Consignment no.:  
Project:

Rated data	
Input	
Supply frequency	47...63 Hz
Supply voltage	690 V ±10%
Rated input current	483 A
Max. current	740 A
Pulse number	6
Energy recovery capability	No (2Q)
Output:	
Output voltage	690 V
Rated power (LO) in kW	450 kW
Rated power (HO) in kW	400 kW
Rated output current	465 A
Rated output current (LO)	452 A
Rated output current (HO)	416 A
Output current Max	678 A
Pulse frequency (factory setting)	1.25 kHz

Basic data:	
Power losses ΔP	8.51 kW
Power loss including options	8.51 kW
Sound pressure level L <sub>pA</sub> (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	H
Design	A
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%)	37.5 %



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
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