



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GE33-1AA3-Z
D14+D94

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	338 A
Max. current	495 A
Pulse number	6
Energy recovery capability	No (2Q)
Output:	
Output voltage	400 V
Rated power (LO) in kW	160 kW
Rated power (HO) in kW	132 kW
Rated output current	310 A
Rated output current (LO)	302 A
Rated output current (HO)	277 A

Pulse frequency (factory setting)	2 kHz
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Basic data:

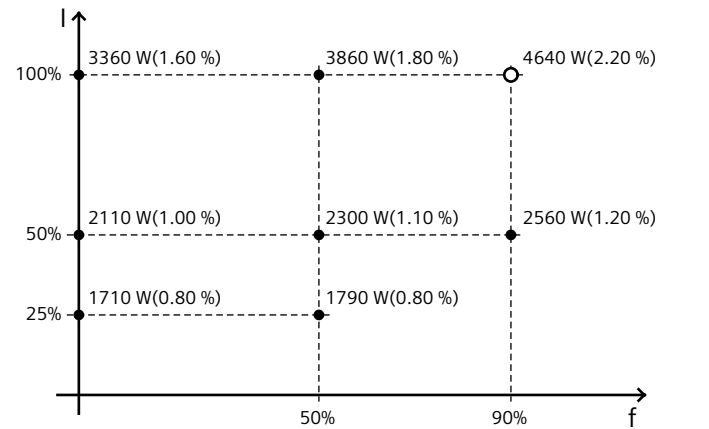
Power losses ΔP	4.64 kW
Power loss including options	4.64 kW
Sound pressure level L _{pA} (1 m)	69 dB
Conductor cross section, max. (IEC)	4 x 240 mm²
Degree of protection	IP20
Dimensions (H x W x D)	2000 mm x 800 mm x 600 mm
Weight approx.	670 kg
Frame size	G
Design	A
Color, paint shade	RAL7035

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*	
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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

Special design	
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D14 Preliminary generation of customer documentation

D94 Documentation language: English/Russian