

Data sheet for SINAMICS G150



MLFB-Ordering data: **6SL3710-1GE33-8AA3-Z**
D60+G60+K74+L07+L13+M07+M43+M90

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

Item no.:
Consignment no.:
Project:

Rated data	Converter losses to IEC61800-9-2*
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Input

Supply frequency	47...63 Hz
Input supply voltage	400 V $\pm 10\%$
Rated input current	395 A
Max. current	606 A
Pulse number	6
Regenerative capability	No (2Q)

Output:

Output voltage	400 V
Rated output (LO) in kW	200 kW
Rated power (HO) in kW	160 kW
Rated output current	380 A
Rated output current (LO)	370 A
Rated output current (HO)	340 A
Output current Max	555 A
Pulse frequency (default setting)	2 kHz

Basic data:

Power losses ΔP	5.09 kW
Power loss including options	5.38 kW
Sound pressure level L_{pA} (1 m)	69 dB
Conductor cross section, max. (IEC)	4 x 240 mm ²
Degree of protection	IP43
Dimensions (H x W x D)	2600 mm x 1000 mm x 600 mm
Weight approx.	670 kg
Frame size	G
Type	A
Color, paint shade	RAL7035

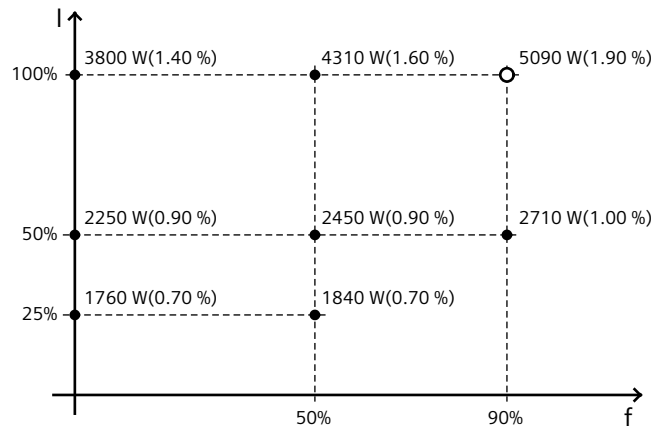
Environmental conditions

Installation altitude	1000 m
Coolant	Air
Air cooling requirements	0.36 m ³ /s
Ambient temperature	0 °C - +40 °C

Efficiency class

IE2

Comparison with the reference converter (90% / 100%) 47.2 %



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.

*converted values

Special design

D60	Documentation language: English/Spanish
G60	TM31 customer terminal strip
K74	Supply of Cabinet internal AC 230 V auxiliary power
L07	du/dt filter compact plus Voltage Peak Limiter
L13	Line contactor (for currents ≤ 800 A for single connection)
M07	Cable marshalling space 200 mm high, RAL 7035
M43	IP43 degree of protection
M90	Crane transport assembly (mounted at the top)