

Data sheet for SINAMICS G150



MLFB-Ordering data: 6SL3710-1GE35-0AA3

Client order no.:

Order no.:

Offer no.:

Remarks:

Rated data	Converter losses to IEC61800-9-2*
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Input	Efficiency class	IE2
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Supply frequency	47...63 Hz
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Input supply voltage	400 V ±10%
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Rated input current	509 A
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Max. current	781 A
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Pulse number	6
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Regenerative capability	No (2Q)
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Output:

Output voltage	400 V
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Rated output (LO) in kW	250 kW
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Rated power (HO) in kW	200 kW
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Rated output current	490 A
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Rated output current (LO)	477 A
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Rated output current (HO)	438 A
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Output current Max	715 A
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Pulse frequency (default setting)	2 kHz
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Basic data:

Power losses ΔP	6.56 kW
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Power loss including options	6.56 kW
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Sound pressure level L_{pA} (1 m)	69 dB
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Conductor cross section, max. (IEC)	4 x 240 mm ²
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Degree of protection	IP20
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Dimensions (H x W x D)	2000 mm x 1000 mm x 600 mm
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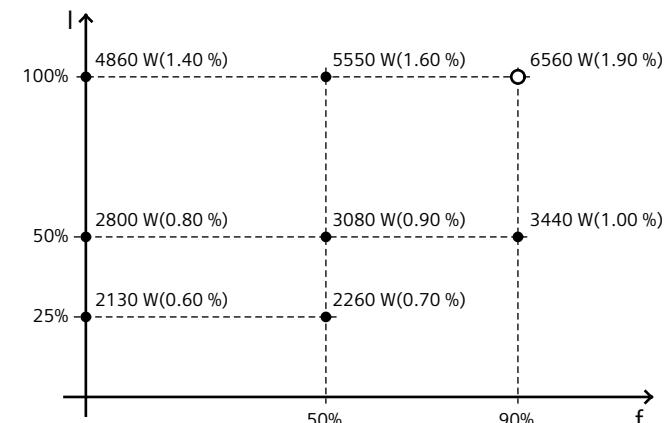
Weight approx.	670 kg
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Frame size	G
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Type	A
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Color, paint shade	RAL7035
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Special design



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

Environmental conditions

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