



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GF35-8AA3

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

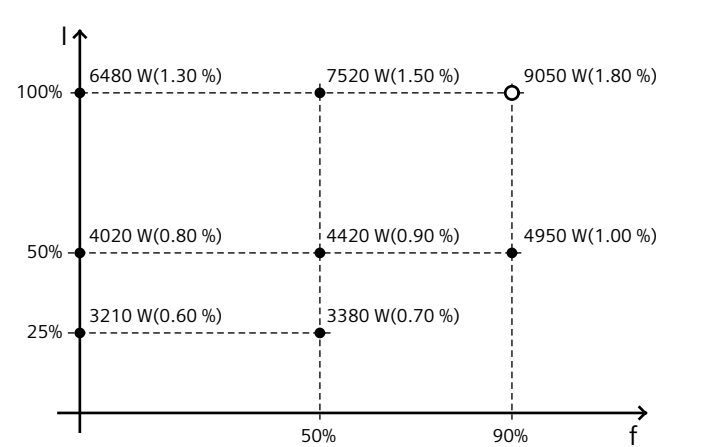
Item no.:
Consignment no.:
Project:

| Rated data | |
|-----------------------------------|------------|
| Input | |
| Supply frequency | 47...63 Hz |
| Supply voltage | 500 V ±10% |
| Rated input current | 598 A |
| Max. current | -/- |
| Pulse number | 6 |
| Energy recovery capability | No (2Q) |
| Output: | |
| Output voltage | 500 V |
| Rated power (LO) in kW | 400 kW |
| Rated power (HO) in kW | 315 kW |
| Rated output current | 575 A |
| Rated output current (LO) | 560 A |
| Rated output current (HO) | 514 A |
| Output current Max | 840 A |
| Pulse frequency (factory setting) | 1.25 kHz |

| | |
|--|----------------------------|
| Basic data: | |
| Power losses ΔP | 9.05 kW |
| Power loss including options | 9.05 kW |
| Sound pressure level L _{pA} (1 m) | 72 dB |
| Conductor cross section, max. (IEC) | 4 x 240 mm² |
| Degree of protection | IP20 |
| Dimensions (H x W x D) | 2000 mm x 1200 mm x 600 mm |
| Weight approx. | 860 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%) | 44.5 % |



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

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| Special design |
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