

Data sheet for SINAMICS G150

Article No. : **6SL3710-1GE33-1CA3-Z**
M54



Figure similar

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 | 289 A |
| Rated output current (LO) | 282 A |
| Rated output current (HO) | 258 A |
| Output current Max | A |
| Pulse frequency (factory setting) | 2 kHz |

Basic data

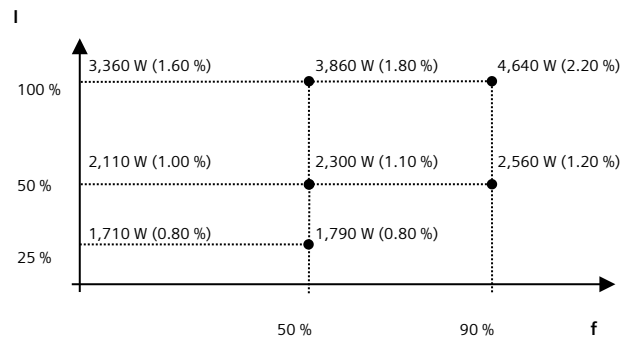
| | |
|--|----------------------------|
| Power losses ΔP | 4.64 kW |
| Power loss including options | 4.64 kW |
| Sound pressure level L _{pA} (1 m) | 69 dB |
| Conductor cross section, max. (IEC) | 2 x 240 mm ² |
| Degree of protection | IP54 |
| Dimensions (H x W x D) | 2,400 mm x 400 mm x 600 mm |
| Weight approx. | 300 kg |
| Frame size | G |
| Design | C (compact) |
| Color, paint shade | RAL7035 |

Environmental conditions

| | |
|--------------------------|------------------------|
| Installation altitude | 1,000 m |
| Coolant | Air |
| Coolant requirement, air | 0.36 m ³ /s |
| Ambient temperature | 0 °C - +40 °C |

Converter losses to IEC61800-9-2*

| | |
|--|--------|
| 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

M54 IP54 degree of protection