



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GH32-2AA3

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

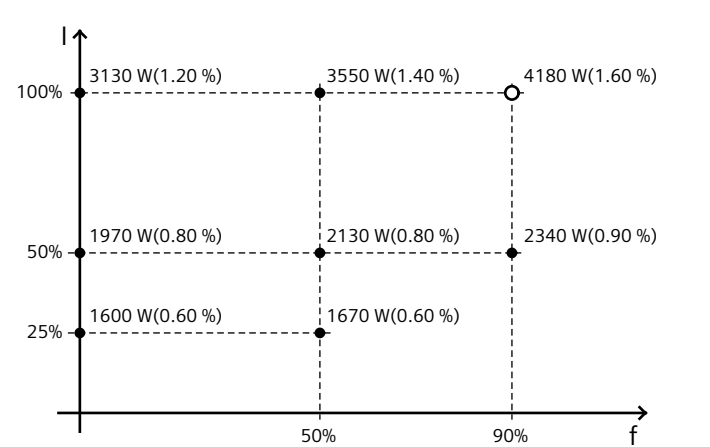
Item no.:  
Consignment no.:  
Project:

| Rated data                        |            |
|-----------------------------------|------------|
| Input                             |            |
| Supply frequency                  | 47...63 Hz |
| Supply voltage                    | 690 V ±10% |
| Rated input current               | 224 A      |
| Max. current                      | 341 A      |
| Pulse number                      | 6          |
| Energy recovery capability        | No (2Q)    |
| Output:                           |            |
| Output voltage                    | 690 V      |
| Rated power (LO) in kW            | 200 kW     |
| Rated power (HO) in kW            | 160 kW     |
| Rated output current              | 215 A      |
| Rated output current (LO)         | 208 A      |
| Rated output current (HO)         | 192 A      |
| Output current Max                | 312 A      |
| Pulse frequency (factory setting) | 1.25 kHz   |

|                                            |                           |
|--------------------------------------------|---------------------------|
| Basic data:                                |                           |
| Power losses ΔP                            | 4.18 kW                   |
| Power loss including options               | 4.18 kW                   |
| Sound pressure level L <sub>pA</sub> (1 m) | 67 dB                     |
| Conductor cross section, max. (IEC)        | 4 x 240 mm²               |
| Degree of protection                       | IP20                      |
| Dimensions (W x H 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*                    |        |
| Efficiency class                                     | IE2    |
| Comparison with the reference converter (90% / 100%) | 39.7 % |



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