SIEMENS

Data sheet for SINAMICS G150

MLFB-Ordering data:

6SL3710-1GE35-0AA3-Z D02+L00+L13+L26+L50+L57+M06+M43+M90



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

Remarks:

Rated data Input Supply frequency 47...63 Hz Supply voltage 400 V ±10% Rated input current 509 A Max. current 781 A Pulse number 6 Energy recovery capability No (2Q) Output: 400 V Output voltage Rated power (LO) in kW 250 kW Rated power (HO) in kW 200 kW 490 A Rated output current Rated output current (LO) 477 A Rated output current (HO) 438 A Output current Max 715 A Pulse frequency (factory setting) 2 kHz **Basic data:** Power losses ΔP 6.56 kW Power loss including options 6.62 kW Sound pressure level L_{pA} (1 m) 69 dB 4 x 240 mm² Conductor cross section, max. (IEC) Degree of protection IP43 Dimensions (W x H x D) 2500 mm x 1000 mm x 600 mm Weight approx. 670 kg Frame size G Design А RAL7035 Color, paint shade **Environmental conditions** Installation altitude 1000 m Coolant Air Coolant requirement, air 0.36 m³/s Ambient temperature 0 °C - +40 °C

ltem no.: Consignment no.: Project:



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

D02

L00

L13

L26 L50

1.57

M06 M43

M90

Special design
Customer documentation (circuit, terminal, layout diagram) in the DXF format
Use in the first environment according to EN 61800-3 Category C2 (TN line supplies or TT line supplies with a grounded neutral point) Line contactor (for currents <= 800 A for single connection)
Main switch including fuses or circuit breaker
Cabinet lighting with service socket outlet
EMERGENCY OFF, Category 0, uncontrolled stopping
Base 100 mm high, RAL 7022
IP43 degree of protection
Crane transport assembly (mounted at the top)