SIEMENS

Data sheet for SINAMICS G150

MLFB-Ordering data:

6SL3710-1GF34-7AA3



IE2

47.5 %

f

Client order no.: Item no.: Order no.: Consignment no.: Offer no.: Project: Remarks: Rated data Converter losses to IEC61800-9-2* Efficiency class Input Comparison with the reference converter (90% / 100%) Supply frequency 47...63 Hz Supply voltage 500 V ±10% 5620 W(1.40 %) 6520 W(1.60 %) 7820 W(1.90 %) Rated input current 483 A 100% Ó Max. current 740 A Pulse number 6 Energy recovery capability No (2Q) 3940 W(1.00 %) 3590 W(0.90 %) 4390 W(1.10 %) 50% Output: 2920 W(0.70 %) 3070 W(0.80 %) 25% 500 V Output voltage 315 kW Rated power (LO) in kW Rated power (HO) in kW 250 kW 50% 90% 465 A Rated output current The percentage values show the losses in relation to the rated apparent power of the converter. Rated output current (LO) 452 A 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 Rated output current (HO) 416 A version of the converter including line choke without options/components. Output current Max 678 A Pulse frequency (factory setting) 1.25 kHz *calculated values **Basic data:** Special design Power losses ΔP 7.82 kW Power loss including options 7.82 kW Sound pressure level L_{pA} (1 m) 72 dB Conductor cross section, max. (IEC) 4 x 240 mm² Degree of protection IP20 Dimensions (W x H x D) 2000 mm x 1200 mm x 600 mm Weight approx. 750 kg Frame size н Design А RAL7035 Color, paint shade **Environmental conditions** Installation altitude 1000 m Coolant Air

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

0.78 m³/s

0 °C - +40 °C

Coolant requirement, air

Ambient temperature