

# **Data sheet for SINAMICS G150**

MLFB-Ordering data: 6SL3710-1GH31-5AA3

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

Item no.: Consignment no.: Project:

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Input	
Supply frequency	4763 Hz
Supply voltage	690 V ±10%
Rated input current	164 A
Max. current	232 A
Pulse number	6
Energy recovery capability	No (2Q)

### **Output:**

Output.		
Output voltage	690 V	
Rated power (LO) in kW	132 kW	
Rated power (HO) in kW	110 kW	
Rated output current	150 A	
Rated output current (LO)	142 A	
Rated output current (HO)	134 A	
Output current Max	213 A	
Pulse frequency (factory setting)	1.25 kHz	

### Basic data:

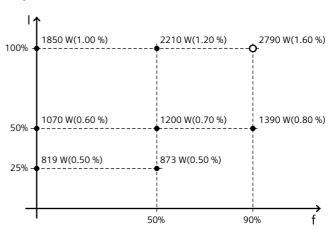
Power losses ΔP	2.79 kW	
Power loss including options	2.79 kW	
Sound pressure level L <sub>pA</sub> (1 m)	67 dB	
Conductor cross section, max. (IEC)	4 x 240 mm²	
Degree of protection	IP20	
Dimensions (W x H x D)	2000 mm x 800 mm x 600 mm	
Weight approx.	460 kg	
Frame size	F	
Design	Α	
Color, paint shade	RAL7035	

#### **Environmental conditions** Installation altitude 1000 m Coolant Air Coolant requirement, air 0.17 m3/s Ambient temperature 0 °C - +40 °C

## Converter losses to IEC61800-9-2\*

Efficiency class IE2

Comparison with the reference converter (90% / 100%) 38.1 %



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