

Data sheet for SINAMICS G150



MLFB-Ordering data: 6SL3710-1GE35-0AA3-Z
M43

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

Item no.:
Consignment no.:
Project:

Rated data	
Input	
Supply frequency	47...63 Hz
Input supply voltage	400 V ±10%
Rated input current	509 A
Max. current	781 A
Pulse number	6
Regenerative capability	No (2Q)
Output:	
Output voltage	400 V
Rated output (LO) in kW	250 kW
Rated power (HO) in kW	200 kW
Rated output current	490 A
Rated output current (LO)	477 A
Rated output current (HO)	438 A
Output current Max	715 A
Pulse frequency (default setting)	2 kHz
Basic data:	
Power losses ΔP	6.56 kW
Power loss including options	6.56 kW
Sound pressure level L _{pA} (1 m)	69 dB
Conductor cross section, max. (IEC)	4 x 240 mm²
Degree of protection	IP43
Dimensions (H x W x D)	2400 mm x 1000 mm x 600 mm
Weight approx.	670 kg
Frame size	G
Type	A
Color, paint shade	RAL7035
Environmental conditions	
Installation altitude	1000 m
Coolant	Air
Air cooling requirements	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%)	47.2 %
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.	
*converted values	
Special design	
M43	IP43 degree of protection