



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-2GE41-4AA3-Z
K74+L23

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	1444 A
Max. current	2215 A
Pulse number	12
Regenerative capability	No (2Q)
Output:	
Output voltage	400 V
Rated output (LO) in kW	710 kW
Rated power (HO) in kW	560 kW
Rated output current	1380 A
Rated output current (LO)	1340 A
Rated output current (HO)	1054 A

Pulse frequency (default setting)	1.25 kHz
-----------------------------------	----------

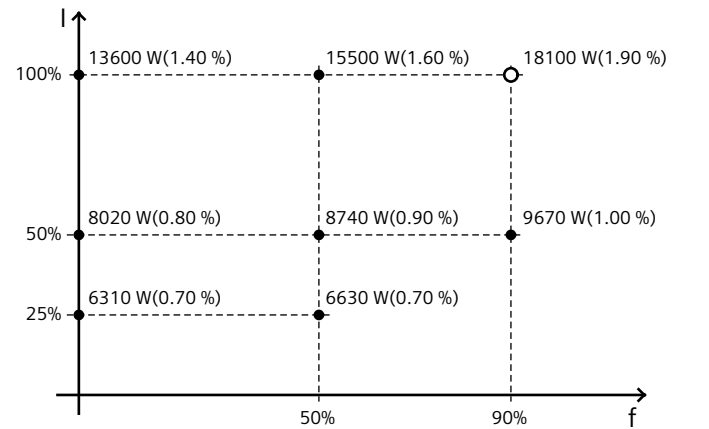
Basic data:

Power losses ΔP	18.1 kW
Power loss including options	18.45 kW
Sound pressure level L _{pA} (1 m)	73 dB
Conductor cross section, max. (IEC)	4 x 240 mm²
Degree of protection	IP20
Dimensions (H x W x D)	2000 mm x 2400 mm x 600 mm
Weight approx.	1710 kg
Frame size	HX
Type	A
Color, paint shade	RAL7035

Environmental conditions	
Installation altitude	1000 m
Coolant	Air
Air cooling requirements	1.56 m³/s
Ambient temperature	0 °C - +40 °C

Converter losses to IEC61800-9-2*

Efficiency class IE2
Comparison with the reference converter (90% / 100%) 46.5 %



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

- K74 Supply of Cabinet internal AC 230 V auxiliary power
- L23 Line reactor uk = 2 % (for converters > 500 kW)