SIEMENS

Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-2GH41-1AA3-Z

G60+G61+K74+L23+L26+M06+M43+M70+M90

Client order no.: Item no.:
Order no.: Consignment no.:
Offer no.: Project:
Remarks:

Rated data

Input

Supply frequency	47...63 Hz
Input supply voltage	690 V ±10%
Rated input current	1116 A
Max. current	1708 A
Pulse number	12
Regenerative capability	No (2Q)

Output:

Output voltage	690 V
Rated output (LO) in kW	1000 kW
Rated power (HO) in kW	900 kW
Rated output current	1070 A
Rated output current (LO)	1036 A
Rated output current (HO)	950 A
Pulse frequency (default setting)	1.25 kHz

Basic data:

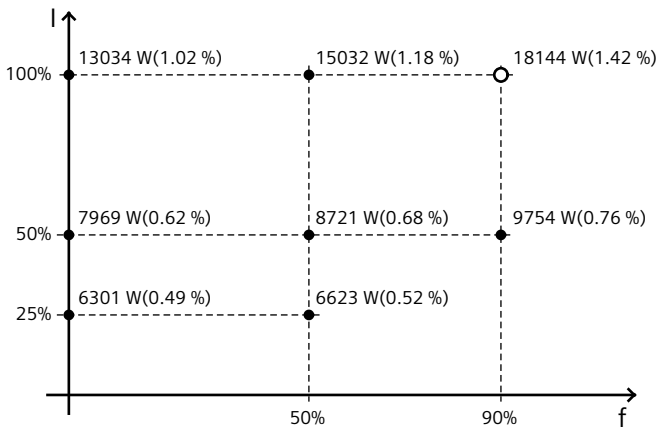
Power losses ΔP	21.3 kW
Power loss including options	21.79 kW
Sound pressure level L_{pA} (1 m)	75 dB
Conductor cross section, max. (IEC)	4 x 240 mm²
Degree of protection	IP43
Dimensions (H x W x D)	2500 mm x 2400 mm x 600 mm
Weight approx.	1700 kg
Frame size	HX
Type	A
Color, paint shade	RAL7035

Environmental conditions

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

Converter losses to EN 50598-2*

Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	-65 %



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 EN 50598) 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

G60	TM31 customer terminal strip
G61	TM31 additional customer terminal strip
K74	Supply of Cabinet internal AC 230 V auxiliary power
L23	Line reactor uk = 2 % (for converters > 500 kW)
L26	Main switch including fuses or circuit breaker
M06	Base 100 mm high, RAL 7022
M43	IP43 degree of protection
M70	EMC shield rail (cable connection from below)
M90	Crane transport assembly (mounted at the top)