



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-2GE41-4AA3-Z
K74+K95+L26+L45+L84+M06+M54

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

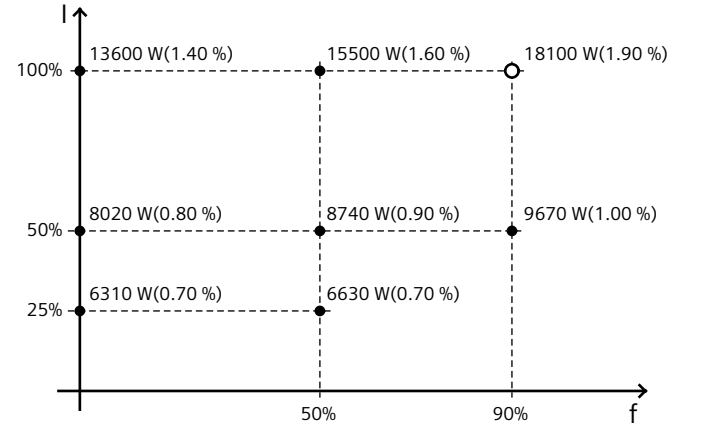
Item no.:
Consignment no.:
Project:

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	1288 A
Rated output current (LO)	1250 A
Rated output current (HO)	983 A
Pulse frequency (default setting)	1.25 kHz

Basic data:	
Power losses ΔP	18.1 kW
Power loss including options	18.1 kW
Sound pressure level L _{pA} (1 m)	73 dB
Conductor cross section, max. (IEC)	4 x 240 mm²
Degree of protection	IP54
Dimensions (H x W x D)	2500 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
K95	Control Unit kit CU320-2 PN (PROFINET, EtherNet/IP)
L26	Main switch including fuses or circuit breaker
L45	EMERGENCY OFF pushbutton, mounted in the cabinet door
L84	Thermal motor protection device (shutdown/trip)
M06	Base 100 mm high, RAL 7022
M54	IP54 degree of protection