



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GE38-4AA3-Z
K74+L26+L45+L57+M06+M54+M70

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

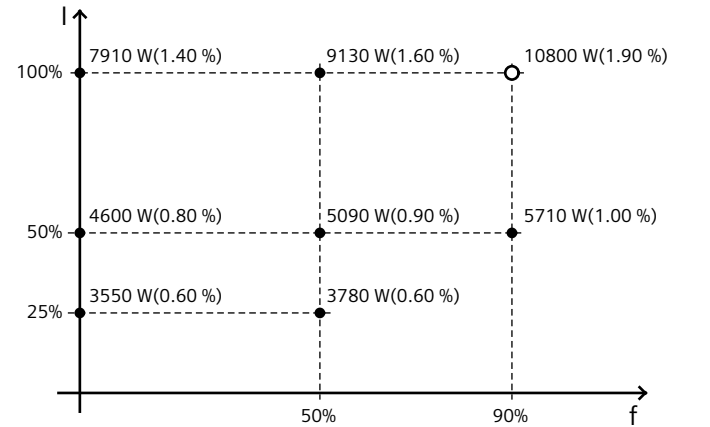
Item no.:
Consignment no.:
Project:

Rated data	
Input	
Supply frequency	47...63 Hz
Input supply voltage	400 V ±10%
Rated input current	873 A
Max. current	1344 A
Pulse number	6
Regenerative capability	No (2Q)
Output:	
Output voltage	400 V
Rated output (LO) in kW	450 kW
Rated power (HO) in kW	400 kW
Rated output current	784 A
Rated output current (LO)	765 A
Rated output current (HO)	653 A
Output current Max	1230 A
Pulse frequency (default setting)	1.25 kHz

Basic data:	
Power losses ΔP	10.8 kW
Power loss including options	10.8 kW
Sound pressure level L _{pA} (1 m)	70 dB
Conductor cross section, max. (IEC)	8 x 240 mm²
Degree of protection	IP54
Dimensions (H x W x D)	2500 mm x 1200 mm x 600 mm
Weight approx.	780 kg
Frame size	H
Type	A
Color, paint shade	RAL7035

Environmental conditions	
Installation altitude	1000 m
Coolant	Air
Air cooling requirements	0.78 m³/s
Ambient temperature	0 °C - +40 °C

Converter losses to IEC61800-9-2*	
Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	45.6 %



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
L26	Main switch including fuses or circuit breaker
L45	EMERGENCY OFF pushbutton, mounted in the cabinet door
L57	EMERGENCY OFF, Category 0, uncontrolled stopping
M06	Base 100 mm high, RAL 7022
M54	IP54 degree of protection
M70	EMC shield rail (cable connection from below)