



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GE33-8AA3-Z
D02+D14+K74+K82+L13+L26+L62+M06+M43+M70+M90

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

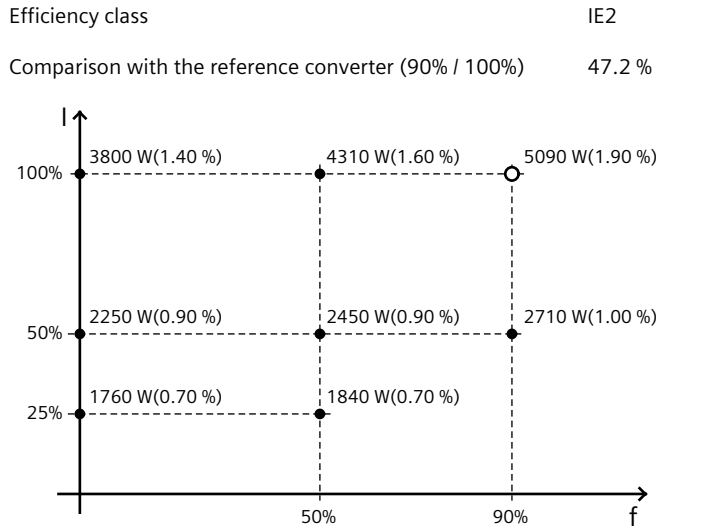
Item no.:
Consignment no.:
Project:

Rated data	
Input	
Supply frequency	47...63 Hz
Input supply voltage	400 V ±10%
Rated input current	395 A
Max. current	606 A
Pulse number	6
Regenerative capability	No (2Q)
Output:	
Output voltage	400 V
Rated output (LO) in kW	200 kW
Rated power (HO) in kW	160 kW
Rated output current	380 A
Rated output current (LO)	370 A
Rated output current (HO)	340 A
Output current Max	555 A
Pulse frequency (default setting)	2 kHz

Basic data:	
Power losses ΔP	5.09 kW
Power loss including options	5.09 kW
Sound pressure level L _{pA} (1 m)	69 dB
Conductor cross section, max. (IEC)	4 x 240 mm ²
Degree of protection	IP43
Dimensions (H x W x D)	2500 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*



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	
D02	Customer documentation (circuit, terminal, layout diagram) in the DXF format
D14	Preliminary generation of customer documentation
K74	Supply of Cabinet internal AC 230 V auxiliary power
K82	Terminal module to control Safe Torque Off and Safe STOP 1 safety functions
L13	Line contactor (for currents <= 800 A for single connection)
L26	Main switch including fuses or circuit breaker
L62	50 kW braking module (P20 power: 200 kW)
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)