

Data sheet for SINAMICS G130

MLFB-Ordering data: 6SL3310-1GE33-8AA3



Client order no.:

Order no.:

Offer no.:

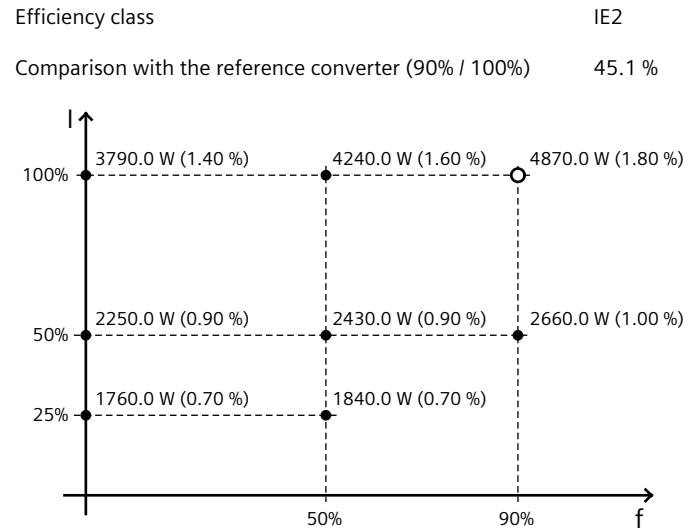
Remarks:

Rated data		Converter losses to IEC61800-9-2*	
Input		Efficiency class	
Supply frequency	47...63 Hz	Comparison with the reference converter (90% / 100%)	IE2
Supply voltage	400 V ±10%	45.1 %	
Rated input current	395 A		
Max. current	606 A		
Pulse number	6		
Energy recovery capability	No (2Q)		
Output:			
Output voltage	400 V		
Rated power (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 (factory setting)	2 kHz	*calculated values	

Basic data:

Power losses ΔP	4.87 kW
Sound pressure level L_{pA} (1 m)	69 dB
Conductor cross section, max. (IEC)	4 x 240 mm ²
Degree of protection	IP20
Dimensions (H x W x D)	1533 mm x 326 mm x 545 mm
Weight approx.	176 kg
Frame size	GX

Environmental conditions	
Installation altitude	1000 m
Coolant	Air
Coolant requirement, air	0.36 m ³ /s
Ambient temperature	0 °C - +40 °C



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 without options/components.

*calculated values

Special design
Supplementary system components

6SL30401GA011AA0 - Control Unit Kit CU320-2 PN (PROFINET, EtherNet/IP)