



MLFB-Ordering data: 6SL3310-1GH35-8AA3

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

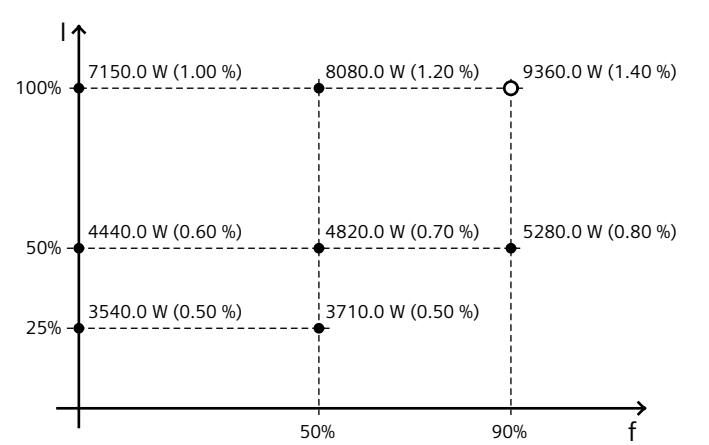
Item no.:
Consignment no.:
Project:

Rated data	
Input	
Supply frequency	47...63 Hz
Input supply voltage	690 V ±10%
Rated input current	598 A
Max. current	918 A
Pulse number	6
Regenerative capability	No (2Q)
Output:	
Output voltage	690 V
Rated output (LO) in kW	560 kW
Rated power (HO) in kW	450 kW
Rated output current	575 A
Rated output current (LO)	560 A
Rated output current (HO)	514 A
Output current Max	840 A
Pulse frequency (default setting)	1.25 kHz

Basic data:	
Power losses ΔP	9.36 kW
Sound pressure level L _{pA} (1 m)	70 dB
Conductor cross section, max. (IEC)	4 x 240 mm ²
Degree of protection	IP00
Dimensions (H x W x D)	1506 mm x 503 mm x 540 mm
Weight approx.	294 kg
Frame size	HX

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%)	33.4 %

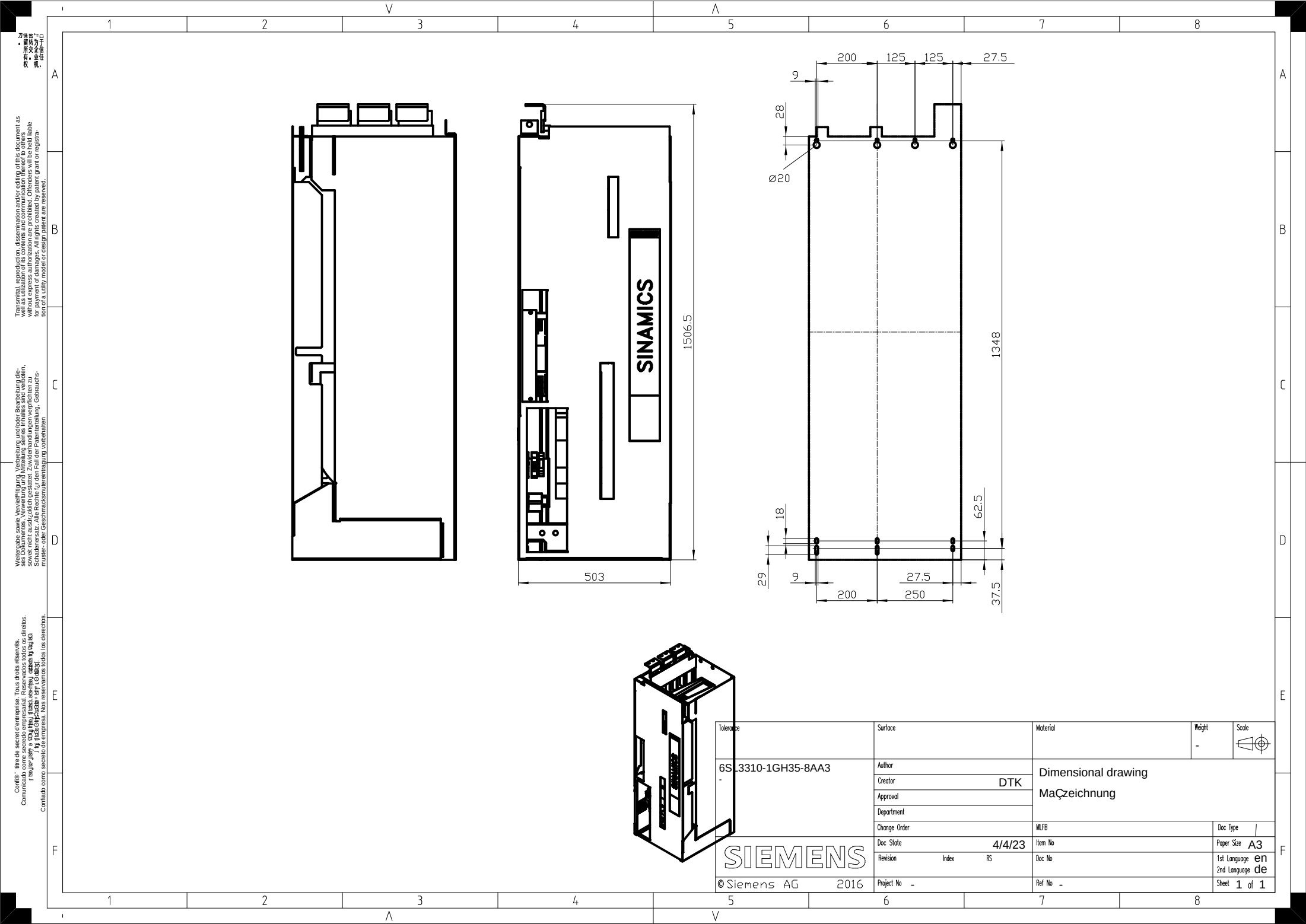


The percentage values show the losses in relation to the rated apparent power of the converter.

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.

*converted values

Special design	
Supplementary system components	
6SL30401GA011AA0 - Control Unit Kit CU320-2 PN (PROFINET, EtherNet/IP)	

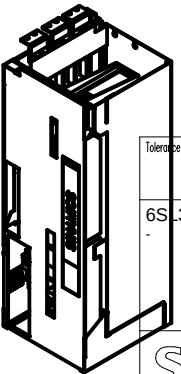


1
2
3
4
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6
7
8

A
B
C
D
E
F

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8



Tolerance	Surface	Material	Weight	Scale
6S13310-1GH35-8AA3	Author	Dimensional drawing Maßzeichnung		
	Creator DTK			
	Approval			
	Department			
	Change Order	MLFB	Doc. Type	
	Doc. State 4/4/23	Item No	Paper Size A3	
	Revision Index RS	Doc. No	1st Language en 2nd Language de	
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