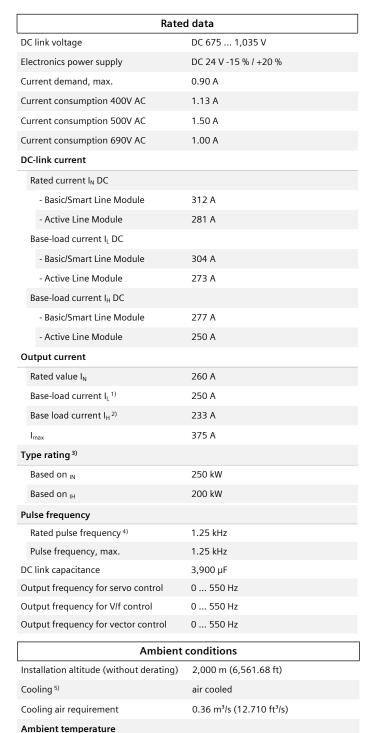
SIEMENS

Data sheet for Motor Module

Article No.: 6SL3320-1TG32-6AA3

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





Item no. : Consignment no. : Project :

Figure	simil

Conn	ections
Motor end	
Version	2 x M10 screw
Conductor cross-section	2 x 240 mm ²
DC link	
Version	2 x M10 screw
Conductor cross-section	2 x 240 mm ²
Braking module	
Version	M6 bolt
PE1 connection	
Version	2 x M10 screw
Conductor cross-section	2 x 240 mm²
PE2 connection	
Version	2 x M10 screw
Conductor cross-section	2 x 240 mm²
Max. motor cable length 6)	
Shielded	300 m (984.25 ft)
Unshielded	450 m (1,476.38 ft)
Star	ndards
Compliance with standards	CE / C-Tick (RCM)
Safety Integrated	SIL 2 acc. to IEC 61508, PL d acc. to EN ISO 13849-1, Category 3 acc. to EN ISO 13849-1
Mecha	nical data
Line side	
Dimensions	
Width	326 mm (12.83 in)
Height	1,533 mm (60.35 in)
Depth	545 mm (21.46 in)
Degree of protection	IP20
Type of construction	Chassis
Net weight	136 kg (299.83 lb)
General tech. specifications	
Sound pressure level (1m) + 50 Hz / 60 Hz	69 dB / 73 dB
Power loss, max. ⁷⁾	
Power loss (50 Hz 400 V)	2.50 kW
1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Power loss (60 Hz 460 V)	2.60 kW
	2.60 kW 3.62 kW
Power loss (60 Hz 460 V)	

During operation

0 ... 40 °C (32 ... 104 °F)



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¹⁾The base-load current IL is the basis for a duty cycle of 110% for 60 s or 150% for 10 s with a duty cycle duration of 300 s.

²⁾ The base load current IH is based on a duty cycle of 150% for 60 s or 160% for 10 s with a duty cycle duration of 300 s.

³⁾Rated power of a typical 6-pole standard induction motor based on IL or IH at 3 AC 50 Hz 500 V or 690 V, 3 AC 60 Hz 575 V.

⁴⁾Information on the correlation between pulse frequency and maximum output current/output frequency is provided in the SINAMICS Low Voltage Configuration Manual.

 $^{^{5)}\}mbox{Power units}$ with intensified air cooling thanks to integrated fan

⁶⁾ Sum of all motor cables and DC link. Longer cable lengths on request, depending on configuration. More information can be found in the SINAMICS Low Voltage Configuration Manual.

⁷⁾The specified power loss represents the maximum value at 100% utilization. The value is lower under normal operating conditions.