SINAMICS S120 BOOKSIZE DRIVE SYSTEM

Product Data Sheet

6SL3120-1TE31-3AA3

S120 single motor module

FUNCTION	FAMILY	ORIGIN	WEIGHT
S120 single motor module	**SINAMICS S120 booksize drive system**	**Germany**	**21.00 kg**

Siemens 6SL3120-1TE31-3AA3 is a S120 single motor module for the SINAMICS S120 booksize drive system. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Drive family	SINAMICS S120
Drive unit category	Single Motor Module
Construction	Booksize internal air cooling
DC link input	510 to 720 V DC
Nominal DC link	600 V DC
Rated output current	132 A
Base load current	105 A
S6 current	150 A
Maximum current	210 A
Rated output power IN	71 kW

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Rated output power IH	57 kW
Pulse frequency	4 kHz
Electronics supply	24 V DC, 1.5 A maximum
Drive interface	DRIVE CLiQ
Protection class	IP20

03 OFFICIAL APPLICATIONS

- Metal Processing and Mineral Resource Production: Ferrous and nonferrous metal production; Mineral extraction and processing
- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Petroleum Production and Natural Gas Processing: Upstream and downstream petroleum production; Natural gas processing and transmission

04 SYSTEM COMPATIBILITY

Match 6SL3120-1TE31-3AA3 to the installed SINAMICS S120 booksize drive system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens 6SL3120-1TE31-3AA3 product data and SINAMICS S120 equipment manual

Manufacturer technical documentation summarized for the exact model

AMIKON PRODUCT SUPPORT

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