S700

Product Data Sheet

S70602-NANANA

Digital Servo Amplifier

RATED MAINS SUPPLY	MAINS FREQUENCY	CONTINUOUS INPUT POWER	CONTINUOUS OUTPUT CURRENT
3 x 208 V -10% to 3 x 480 V +10%	**50/60 Hz**	**4.5 kVA**	**6 A RMS, +/-3%**

Kollmorgen S70602-NANANA is an S700 digital servo amplifier for compatible industrial motion-control machinery. The S70602 power stage supplies 6 A RMS continuous output and operates from the documented three-phase mains range.

01 VERIFIED TECHNICAL DATA

Rated mains supply	3 x 208 V -10% to 3 x 480 V +10%
Mains frequency	50/60 Hz
Continuous input power	4.5 kVA
Continuous output current	6 A RMS, +/-3%
Peak current for approximately 2 s	18 A RMS, +/-3%
Peak current for approximately 5 s	12 A RMS, +/-3%
Output switching frequency	8 kHz
Maximum DC-link voltage	900 V DC
Permitted power cycles	30 per hour
Minimum motor inductance at 400 V	3.7 mH

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Minimum motor inductance at 480 V	4.4 mH
Dissipation at rated current	100 W, excluding brake dissipation
Auxiliary supply	24 V DC, -0%/+15%
Analog command inputs	2, +/-10 V
Protection rating	IP20

03 DOCUMENTED USE SETTINGS

Packaging Production and Product Handling: Industrial Product Packaging Processes.

Semiconductor Production and Electronic Manufacturing: Semiconductor Wafer Processing Production.

Medical Product Manufacturing and Production: Medical Product Assembly Production.

04 SYSTEM COMPATIBILITY

Integrate S70602-NANANA as the documented digital servo amplifier in its compatible S700 configuration. Match the complete product label, connection arrangement and installed hardware revision before making changes.

05 PRODUCT EVIDENCE

S700 Digital Servo Amplifier; applicable manufacturer document pages 1, 10, 11, 12, 13, 14, 15, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 49, 50, 51, 52, 53, 54, 55, 59, 60, 61, 62

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**