

INDUSTRIAL AUTOMATION PRODUCT

A06B-0104-B111#7000

GE Fanuc Model 1-0E AC servo motor

It converts the command current from a compatible servo amplifier into controlled machine-axis rotation while returning motor feedback to the CNC servo loop.

IDENTITY	VERIFIED VALUE
Manufacturer	GE
System family	GE Fanuc CNC servo-axis system
Part number	A06B-0104-B111#7000
Country	USA
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named GE product record.

PARAMETER	TECHNICAL VALUE
Catalog number	A06B-0104-B111#7000
Equipment class	AC servo motor
Motor designation	Model 1-0E
Catalog family	A06B
Configuration suffix	#7000
System interface	CNC servo axis
Feedback path	Motor feedback connector
Power path	Servo-amplifier motor output

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	matched GE Fanuc servo amplifier
Companion hardware	CNC axis-control channel
Field connection	motor power and feedback cables
Primary system function	Provides the rotary actuator for one configured CNC feed axis
Controlled acceptance duty	Machine-tool feed-axis renewal

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System Role and Architecture

It converts the command current from a compatible servo amplifier into controlled machine-axis rotation while returning motor feedback to the CNC servo loop.

FUNCTION 1
Provides the rotary actuator for one configured CNC feed axis

FUNCTION 2
Uses the complete B111#7000 motor and feedback execution

FUNCTION 3
Closes the axis loop through the matched motor-feedback path

FUNCTION 4
Supports controlled alignment and direction checks after installation

Matched system components

- matched GE Fanuc servo amplifier
- CNC axis-control channel
- motor power and feedback cables
- machine coupling and holding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	matched GE Fanuc servo amplifier
Companion hardware	CNC axis-control channel
Field connection	motor power and feedback cables
Primary system function	Provides the rotary actuator for one configured CNC feed axis
Controlled acceptance duty	Machine-tool feed-axis renewal

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Applications and Engineering Context

Machine-tool feed-axis renewal

Provides the rotary actuator for one configured CNC feed axis

Servo motor and feedback-loop verification

Uses the complete B111#7000 motor and feedback execution

CNC axis alignment and direction testing

Closes the axis loop through the matched motor-feedback path

Installed motion-system restoration

Supports controlled alignment and direction checks after installation

TECHNICAL NOTE

Match the complete A06B-0104-B111#7000 nameplate, shaft, connector and feedback execution before installation; isolate the servo bus, secure the axis, then prove rotation direction, feedback polarity and travel limits at reduced speed.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	A06B-0104-B111#7000 / A06B-0104-B111#7000 recorded
Physical interface	matched GE Fanuc servo amplifier
Companion check	CNC axis-control channel
Functional proof	Provides the rotary actuator for one configured CNC feed axis
Application test	Machine-tool feed-axis renewal

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Engineering Precautions

- 1 Verify the complete A06B-0104-B111#7000 marking and the assigned GE Fanuc CNC servo-axis system position before work.
- 2 Place the connected machine or process in the approved maintenance state before disturbing A06B-0104-B111#7000.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting A06B-0104-B111#7000.
- 4 Record connector, conductor, slot and configuration identities before removal of A06B-0104-B111#7000.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
31F323G1	Related GE product	View 31F323G1 page
DS215TCCAG1BZZ01A-DS200T...	Related GE product	View DS215TCCAG1BZZ01A-DS200T... page
DS200TCCAG1AJB	Related GE product	View DS200TCCAG1AJB page
IS420UCSCH1A-G-V0-1-A	Related GE product	View IS420UCSCH1A-G-V0-1-A page
XMTC-62-11-0	Related GE product	View XMTC-62-11-0 page
IS200TREA1A	Related GE product	View IS200TREA1A page
IS200WREA1A	Related GE product	View IS200WREA1A page
IS200TDBTH2ACD	Related GE product	View IS200TDBTH2ACD page

MANUFACTURER SOURCE RECORD

GE Fanuc/FANUC AC Servo Motor catalog and maintenance documentation

A06B-0104-B111#7000

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