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.

PRODUCT SNAPSHOT

BRAND	FAMILY
GE	GE Fanuc CNC servo-axis system
PART	ORIGIN / HS
A06B-0104-B111#7000	USA / 8537101190

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PRODUCT OVERVIEW

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

1. Provides the rotary actuator for one configured CNC feed axis
2. Uses the complete B111#7000 motor and feedback execution
3. Closes the axis loop through the matched motor-feedback path
4. Supports controlled alignment and direction checks after installation

SYSTEM COMPONENTS

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

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.

TECHNICAL DATA

PARAMETER	VALUE
Catalog number	A06B-0104-B111#7000
Equipment class	AC servo motor
Motor designation	Model 1-0E
Catalog family	A06B

PARAMETER	VALUE
Configuration suffix	#7000
System interface	CNC servo axis
Feedback path	Motor feedback connector
Power path	Servo-amplifier motor output

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
DS215TCCAG1BZZ01	Related GE product	View DS215TCCAG1BZZ01 page
IS210AEAAH2BJE	Related GE product	View IS210AEAAH2BJE page
IS200HSLAH1ADE	Related GE product	View IS200HSLAH1ADE page
IS210MVRAH2A-IS200MVRAH2AFC	Related GE product	View IS210MVRAH2A-IS200MVRAH2AFC page
IS200BPPBH2CAA	Related GE product	View IS200BPPBH2CAA page
IS215PMVPH1AA-IS200MVREH...	Related GE product	View IS215PMVPH1AA-IS200MVREH... page
IC693MDR390	Related GE product	View IC693MDR390 page
IC693CHS398	Related GE product	View IC693CHS398 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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

PRODUCT 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.
6. Confirm that the installed companion hardware and approved project match the A06B-0104-B111#7000 arrangement.
7. Restore power in a controlled sequence and review device, rack and host diagnostics.
8. Prove the intended function and retain the final test result before returning A06B-0104-B111#7000 to service.

ENGINEER FAQ

Q1 Does A06B-0104-B111#7000 match matched GE Fanuc servo amplifier in a Machine-tool feed-axis renewal installation?

Verify the complete A06B-0104-B111#7000 marking, the documented GE Fanuc CNC servo-axis system position and the installed matched GE Fanuc servo amplifier before fitting the assembly.

Q2 How should A06B-0104-B111#7000 be wired when it must provides the rotary actuator for one configured cnc feed axis?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for A06B-0104-B111#7000; then continuity-test the affected path.

Q3 Which GE Fanuc CNC servo-axis system records should be captured before removing A06B-0104-B111#7000?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with A06B-0104-B111#7000 before disconnection.

Q4 What controlled test confirms that A06B-0104-B111#7000 can uses the complete b111#7000 motor and feedback execution?

Apply the approved field or simulated stimulus, observe the GE Fanuc CNC servo-axis system indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which CNC axis-control channel condition should be checked when A06B-0104-B111#7000 reports an abnormal state?

Check the CNC axis-control channel supply, seating and connection first, then compare channel diagnostics with the recorded A06B-0104-B111#7000 baseline.

Q6 Can A06B-0104-B111#7000 be moved directly into Servo motor and feedback-loop verification without validating machine coupling and holding arrangement?

No. Confirm the machine coupling and holding arrangement, revision, connection scheme and GE Fanuc CNC servo-axis system configuration before transferring A06B-0104-B111#7000 to that duty.

Q7 What maintenance evidence is required after A06B-0104-B111#7000 is used for CNC axis alignment and direction testing?

Retain the nameplate record, corrective action, final diagnostics and a controlled cnc axis alignment and direction testing functional-test result for A06B-0104-B111#7000.

Q8 How should A06B-0104-B111#7000 be returned to service in Installed motion-system restoration?

Restore power under control, verify closes the axis loop through the matched motor-feedback path, exercise the intended signal path and release A06B-0104-B111#7000 only after the GE Fanuc CNC servo-axis system remains in its approved operating state.

SOURCE GE Fanuc/FANUC AC Servo Motor catalog and maintenance documentation | A06B-0104-B111#7000

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