

ABB ROBOTS

Product Data Sheet

3HAC037192-003

industrial servo motor

FUNCTION industrial servo motor	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 1.55 kg
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ABB Robots 3HAC037192-003 is a industrial servo motor for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Rated Power	5.5 kW
Rated Speed	3000 RPM (Variable speed capability)
Rated Voltage	400 V (3-phase AC)
Rated Current	12 A
Rated Frequency	50 Hz
Torque Constant	18 Nm/A
Service Factor	1.5
Exact Article Code	3HAC037192-003
Product Family	ABB Robots
Component Type	Industrial Servo Motor

Assembly Class	ABB PCB assembly
System Interface	ABB Robots control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

- Manage palletizing with Industrial Servo process control: As part of the case conveyors and robot cells, 3HAC037192-003 supports the configured automation role as a industrial servo motor. During product-gap recovery, the system uses this function to restore coordinated flow after a controlled stop, helping it return the line to stable throughput.
- Sequence component placement during registration update: In the automation chain for the feeders, gantries and placement heads, 3HAC037192-003 supports the configured automation role as a industrial servo motor. During registration update, the system uses this function to align the workpiece datum with the process position, helping it keep the operation referenced to the product feature.
- Sequence test-stand control with Industrial Servo: In the automation chain for the load actuators and measurement channels, 3HAC037192-003 provides its specified system function as a industrial servo motor. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.

Match 3HAC037192-003 to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Robots documentation](#)

<https://new.abb.com/control-systems>

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