

ABB ROBOTS

Product Data Sheet

3HAC026110-001

industrial servo motor

FUNCTION industrial servo motor	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 1.55 kg
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ABB Robots 3HAC026110-001 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

Frame Size	140 mm
Rated Power	5.5 kW
Rated Speed	3000 RPM
Rated Torque	17.5 Nm
Peak Torque	52.5 Nm
Torque Constant	2.75 Nm/A
Rated Voltage	400 V (3-phase AC)
Rated Current	10.1 A
Exact Article Code	3HAC026110-001
Product Family	ABB Robots

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Integrate dryer-section control with Industrial Servo: Inside the steam groups and dryer drives, 3HAC026110-001 performs its assigned control role as a industrial servo motor. During moisture correction, the system uses this function to align thermal and drive response with the running sheet, helping it support the target moisture profile.
- Control paint-shop conveying with Industrial Servo: For the coordinated operation of the carrier tracking and booth interfaces, 3HAC026110-001 operates in its approved product-family role as a industrial servo motor. During carrier accumulation, the system uses this function to route carriers by production status, helping it preserve body order through the process.
- Protect component placement during registration update: For the coordinated operation of the feeders, gantries and placement heads, 3HAC026110-001 operates in its approved product-family 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.

SYSTEM COMPATIBILITY

Match 3HAC026110-001 to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Robots documentation](#)

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

AMIKON PRODUCT SUPPORT

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