

ABB ROBOTS

Product Data Sheet

3HAC17484-8

industrial servo motor

FUNCTION industrial servo motor	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 9.10 kg
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ABB Robots 3HAC17484-8 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

Exact Article Code	3HAC17484-8
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
Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot

Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control
Commissioning Check	Power-up diagnostics and function test
Maintenance Identity	3HAC17484-8 controlled service identity

- Support paint-shop conveying with Industrial Servo: Within the carrier tracking and booth interfaces, 3HAC17484-8 performs its assigned control 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.
- Coordinate inspection handling during inspection retry: Within the camera stations and reject mechanisms, 3HAC17484-8 supports the configured automation role as a industrial servo motor. During inspection retry, the system uses this function to return the part to a repeatable inspection pose, helping it produce a comparable inspection result.
- Manage press sequencing with Industrial Servo: At the control layer of the feed systems, dies and safety interfaces, 3HAC17484-8 serves its documented function as a industrial servo motor. During part change, the system uses this function to apply the selected product recipe to the sequence, helping it produce the intended part without skipping an interlock.

Match 3HAC17484-8 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>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM