

ABB ROBOTS

Product Data Sheet

3HAC037534-001

industrial motor axis

FUNCTION industrial motor axis	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 1.55 kg
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ABB Robots 3HAC037534-001 is a industrial motor axis for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Rated Power	6.5 kW
Rated Speed	3000 RPM (Variable Speed)
Rated Voltage	400 V (3-phase AC)
Rated Current	13 A
Rated Frequency	50 Hz
Torque Constant	24 Nm/A
Service Factor	1.3
Exact Article Code	3HAC037534-001
Product Family	ABB Robots
Component Type	Industrial Motor Axis

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Maintain chemical dosing with Industrial Motor: During operation of the metering pumps and contact tanks, 3HAC037534-001 handles its designated signal or control duty as a industrial motor axis. During dose-setpoint correction, the system uses this function to match reagent flow to the measured process load, helping it keep treatment chemistry inside its operating target.
- Regulate order sorting during priority order process control: During operation of the scanners, diverters and destination lanes, 3HAC037534-001 serves its documented function as a industrial motor axis. During priority order, the system uses this function to apply the current order priority to the routing decision, helping it complete the order path in the intended sequence.
- Supervise boiler feedwater during protective transfer: At the control layer of the feed pumps and drum-level loops, 3HAC037534-001 serves its documented function as a industrial motor axis. During protective transfer, the system uses this function to balance flow demand with process inventory, helping it preserve the steam-water balance.

SYSTEM COMPATIBILITY

Match 3HAC037534-001 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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