

ABB ROBOTS

Product Data Sheet

3HAC021350-001

industrial motor

FUNCTION industrial motor	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 7.38 kg
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ABB Robots 3HAC021350-001 is a industrial motor for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Supply Voltage	230 V AC
Rated Power	1.1 kW
Rated Speed	1450 min
Operating Temp	-15 °C to +55 °C
Encoder	Multi-turn absolute
Exact Article Code	3HAC021350-001
Product Family	ABB Robots
Component Type	Industrial Motor
Assembly Class	ABB PCB assembly
System Interface	ABB Robots control interface

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Verify chemical dosing with Industrial Motor process control: At the control layer of the metering pumps and contact tanks, 3HAC021350-001 handles its designated signal or control duty as a industrial motor. 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.
- Sequence cooling-water circulation with Industrial Motor: Inside the circulating pumps and heat exchangers, 3HAC021350-001 handles its designated signal or control duty as a industrial motor. During controlled shutdown, the system uses this function to sequence redundant equipment around the operating unit, helping it keep heat rejection available to the process.
- Align automated storage with Industrial Motor: For the coordinated operation of the stacker cranes and storage positions, 3HAC021350-001 provides its specified system function as a industrial motor. During buffer release, the system uses this function to release material according to downstream availability, helping it prevent overfilling the next buffer.

SYSTEM COMPATIBILITY

Match 3HAC021350-001 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

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM