

ABB ROBOTS

Product Data Sheet

3HAC057288-002

rotational ac motor m10

FUNCTION rotational ac motor m10	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.44 kg
--	-----------------------------	-------------------------	--------------------------

ABB Robots 3HAC057288-002 is a rotational ac motor m10 for the ABB Robots. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Operating Temperature	0°C to +40°C (32°F to 104°F)
Storage Temperature	-25°C to +55°C (-13°F to 131°F)
Vibration Class	Grade A (per ISO 10816)
Rated Output	1.8 kW
Peak Torque	180 Nm (transient, 1 sec)
Rated Torque	60 Nm (continuous)
Rated Speed	1,500 rpm
Max Speed	3,000 rpm
Voltage Rating	400 V AC (3-phase)
Current Rating	4.2 A (RMS, continuous) / 12.5 A (peak)

ADDITIONAL PRODUCT DATA

Feedback Device	Resolver (multispeed, 1x/4x)
Exact Article Code	3HAC057288-002
Product Family	ABB Robots
Component Type	Rotational Ac Motor M10
Assembly Class	ABB PCB assembly

OFFICIAL APPLICATIONS

- Observe recipe mixing with Rotational Ac process control: At the control layer of the mixers and ingredient skids, 3HAC057288-002 provides its specified system function as a rotational ac motor m10. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.
- Control chemical dosing with Rotational Ac process control: For the coordinated operation of the metering pumps and contact tanks, 3HAC057288-002 serves its documented function as a rotational ac motor m10. 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.
- Support conveyor routing with Rotational Ac process control: For the coordinated operation of the zone conveyors and merge points, 3HAC057288-002 provides its specified system function as a rotational ac motor m10. During route change, the system uses this function to coordinate destination data with equipment permissives, helping it move the item to the assigned process.

SYSTEM COMPATIBILITY

Match 3HAC057288-002 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