

ABB ROBOTS

Product Data Sheet

3HAC043569-004

motor with pinion typec

FUNCTION motor with pinion typec	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.80 kg
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ABB Robots 3HAC043569-004 is a motor with pinion typec for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Product Model	3HAC043569-004
ABB Product Category	Parts
ABB Catalog Description	Motor with pinion typeC
Component Type	Motor with pinion
Included Mechanical Element	Pinion
Type Designation	Type C
Product Portfolio	ABB Robotics
Official Product Record	ABB Global product search
Controlled Documentation	ABB Robotics One
Product Family	ABB Robots

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

- Manage generator excitation with Motor With process control: During operation of the field circuits and voltage regulation, 3HAC043569-004 serves its documented function as a motor with pinion typec. During load change, the system uses this function to adjust the assigned regulation path from operating feedback, helping it hold the electrical variable at its commanded target.
- Coordinate powertrain assembly with Motor With: At the control layer of the machining cells and pallet systems, 3HAC043569-004 supports the configured automation role as a motor with pinion typec. During quality-hold release, the system uses this function to hand off part identity with the machine sequence, helping it retain traceability at the next operation.
- Synchronize aeration control with Motor With process control: Inside the blowers and dissolved-oxygen loops, 3HAC043569-004 performs its assigned control role as a motor with pinion typec. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.

Match 3HAC043569-004 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>

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