

ABB ROBOTS

Product Data Sheet

3HAC031184-003

irb 4600 motor with pinion

FUNCTION irb 4600 motor with pinion	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.80 kg
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ABB Robots 3HAC031184-003 is a irb 4600 motor with pinion for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Product Model	3HAC031184-003
ABB Product Category	Spare Parts (IRB 4600)
ABB Catalog Description	Motor with pinion
Robot Family	IRB 4600
Component Type	Motor assembly with pinion
Product Level	Robot spare part
Official Product Record	ABB Global product search
Official Family Reference	ABB IRB 4600 product page
Controlled Documentation	ABB Robotics One
Product Family	ABB Robots

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

- Govern aeration control with Irb 4600 process control: Within the blowers and dissolved-oxygen loops, 3HAC031184-003 supports the configured automation role as a irb 4600 motor with pinion. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.
- Integrate recipe mixing with Irb 4600 process control: Inside the mixers and ingredient skids, 3HAC031184-003 handles its designated signal or control duty as a irb 4600 motor with pinion. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.
- Integrate paint-shop conveying with Irb 4600 process control: At the control layer of the carrier tracking and booth interfaces, 3HAC031184-003 provides its specified system function as a irb 4600 motor with pinion. During carrier accumulation, the system uses this function to route carriers by production status, helping it preserve body order through the process.

SYSTEM COMPATIBILITY

Match 3HAC031184-003 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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