

ABB ROBOTS

Product Data Sheet

3HAC029034-006

graphite white wrist axis spare

FUNCTION graphite white wrist axis spare	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 7.68 kg
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ABB Robots 3HAC029034-006 is a graphite white wrist axis spare for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Robot Family	IRB 4600
Component Type	Wrist-axis spare motor
Documented Axis Positions	Axes 5 and 6
Documented Robot Variants	60/2.05, 45/2.05 and 40/2.55
Documented Color	Graphite White
Robot Design Table	Other than Type C and Type D
Exact Article Code	3HAC029034-006
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
Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot

- Monitor aeration control with Graphite White process control: During operation of the blowers and dissolved-oxygen loops, 3HAC029034-006 serves its documented function as a graphite white wrist axis spare. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.
- Protect order sorting with Graphite White process control: In the automation chain for the scanners, diverters and destination lanes, 3HAC029034-006 operates in its approved product-family role as a graphite white wrist axis spare. 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.
- Coordinate paint-shop conveying with Graphite White: Across the carrier tracking and booth interfaces, 3HAC029034-006 serves its documented function as a graphite white wrist axis spare. During carrier accumulation, the system uses this function to route carriers by production status, helping it preserve body order through the process.

Match 3HAC029034-006 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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