

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

ABB 3HAC037835-002
IRB 6640 RV 40E-81 Clean Room Gearbox

ABB ROBOTICS
3HAC037835-002
OFFICIAL RECORD REFERENCE

BRAND	ORDER NUMBER	PORTFOLIO	REVIEW
ABB	3HAC037835-002	ABB Robotics	Exact order

ABB 3HAC037835-002 is a ABB 3HAC037835-002 is identified in the IRB 6640 spare-parts documentation as the RV 40E-81 axis-6 gearbox for wrist type 1 in the Clean Room configuration. The installed robot variant must be verified before replacement.

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VERIFIED PRODUCT IDENTITY

Order Number	3HAC037835-002
Manufacturer	ABB
Product Model	RV 40E-81
Component Type	Axis-6 gearbox
Robot Family	IRB 6640
Wrist Type	Type 1
Protection Variant	Clean Room
Official Spare-Parts Manual	3HAC038330-001

Source: ABB official documentation review for 3HAC037835-002. Verify the complete model and current controlled manufacturer revision.

02 TECHNICAL DATA

Selection Basis	Robot variant and installed wrist
Controlled Documentation	ABB Robotics One

03 OFFICIAL APPLICATIONS

- Clean-room robot wrist motion in precision production cells
- Axis-6 gearbox service in controlled manufacturing areas
- Robot transmission maintenance on automated assembly lines
- Wrist-axis restoration during planned factory shutdowns
- Configuration-matched repair of IRB 6640 manipulators

04 OFFICIAL DOCUMENTATION

[ABB official exact-order search](#)

[ABB official product or family document](#)

AMIKON PRODUCT SUPPORT

Amikon Limited

+86-18020776786

INFO@AMIKON.CN

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AMIKONG.COM