

IRB 1200 TYPE B

Product Data Sheet

3HAC061275-001

Axis-3 Robot Drive Unit

ROBOT AXIS NUMBER	MOTOR ELECTRICAL TYPE	MOTOR FEEDBACK INTERFACE	SUPPORTED SAFETY FUNCTION
3	AC	Resolver	SafeMove 2

ABB 3HAC061275-001 is a SafeMove 2-supported axis-3 drive unit for the IRB 1200 Type B robot. It is a mechanical robot spare assembly used to restore the third-axis drive in an installed manipulator. Robot type and complete spare-part identity must match the ABB repair documentation.

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VERIFIED TECHNICAL DATA

Robot axis number	3
Motor electrical type	AC
Motor feedback interface	Resolver
Supported safety function	SafeMove 2
Drive mounting screw size	M4 x 40 mm
Drive mounting tightening torque	4.2 Nm
Gearbox grease charge	32 g
Standard gearbox grease reference	3HAC037302-001
Drive-unit O-ring reference	3HAC048939-002
Gearbox flange sealant	Loctite 574

ADDITIONAL PRODUCT DATA

Naked product size	34.5 x 13 x 13.5cm
Naked product weight	15.14kg

DOCUMENTED USE SETTINGS

Electronic Product Assembly and Component Production: Consumer Electronics Assembly.

Plastics Manufacturing and Polymer Product Production: Injection Moulded Component Production.

Industrial Manufacturing and Small Component Production: Small Part Manufacturing.

SYSTEM COMPATIBILITY

3HAC061275-001 fits the axis-3 drive position of IRB 1200 Type B robots supporting SafeMove 2. Match the robot type label, resolver connections and mechanical interface to the ABB spare-parts description.

PRODUCT EVIDENCE

ABB Product manual - IRB 1200, 3HAC046983-001 Rev. AG; selected pp. 692 to 694, 703 to 704 and 908

AMIKON PRODUCT SUPPORT

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