

INDUSTRIAL COMPONENT DATA

M3AA 63 B 3GAA061142-ASF ABB Aluminum Engine for Process Industry 0.25 kW, 3000 rpm, 230/400 V, B3 mounting,...

Brand: ABB | Manufacturer Part Number: M3AA 63 B



Manufacturer	ABB
MPN / Reference	M3AA 63 B
Catalog number	3GAA061142-ASF
Category	Cast iron M2BA and aluminium M3AA motors
Minimum order	1 unit
Document ID	EO-C3140A5221
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Product Overview

M3AA 63 B 3GAA061142-ASF ABB Aluminum Engine for Process Industry 0.25 kW, 3000 rpm, 230/400 V, B3 mounting,...

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	ABB > Cast iron M2BA and aluminium M3AA motors > IE2
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Additional Product Information

Product ID:3GAA061142-ASF

ABB Type Designation:M3AA 63B 2

Catalog Description:IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA061142-ASF)

Additional Information

ABB Type Designation:M3AA 63B 2

Altitude:1000 m

Ambient Temperature:40 °C

Bearing:6201-2Z/C3

Bearing NDE:6201-2Z/C3

Connection Configuration:Y

Country of Origin:China (CN)

Customs Tariff Number:85015100

Electrical Data:Conn Temp Class Freq Voltage Power Speed Current Power Factor Efficiency Torque IS/IN

Y -- 50 Hz 400 V 0.25 kW 2790 r/min 0.66 A 0.760 64.80 % 0.86 N·m 4.80

D -- 50 Hz 230 V 0.25 kW 2790 r/min 1.14 A 0.760 64.80 % 0.86 N·m 4.80

Y -- 60 Hz 460 V 0.25 kW 3420 r/min 0.59 A 0.710 68.00 % 0.69 N·m 5.70

Frame Material:Aluminum

Frame Size:63

Frequency (f):50 Hz

Gross Weight:5.1kg

IC Class:IC411

IE Class Data (50 Hz):IE Class IE2

Full Load (100%) 64.8 %

Partial Load (75%) 63.2 %

Partial Load (50%) 56.7 %

IE Class Data (60 Hz):IE Class IE2

Full Load (100%) 68.0 %

Partial Load (75%) 65.4 %

Partial Load (50%) 57.8 %

IM Class:IMB3 IM1001

Input Voltage (U_{in}):400 V

Insulation Class:ICLF

Invoice Description:M3AA 63 B 2 +070 shaft acc. to FS71 D=14mm E=30mm $\varnothing$

IP Class:IP55

Made To Order:No

Medium Description:0.25kW, 2 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA061142-ASF)

Minimum Order Quantity:1 piece

Number of Poles (High):2

Order Multiple:1 piece

Output Power:0.25 kW

Package Level 1 Units:0 carton

Product Name:3-Phase squirrel cage motor

Product Net Depth / Length:...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / M3AA 63 B with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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