

INDUSTRIAL COMPONENT DATA

M3AA 63 B 3GAA062142-ASF ABB Aluminum Engine for Process Industry 0.18 kW, 1500 rpm, 230/400 V, B3 mounting,...

Brand: ABB | Manufacturer Part Number: M3AA 63 B



Manufacturer	ABB
MPN / Reference	M3AA 63 B
Catalog number	3GAA062142-ASF
Category	Cast iron M2BA and aluminium M3AA motors
Minimum order	1 unit
Document ID	EO-64FD9F5E1F
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Product Overview

M3AA 63 B 3GAA062142-ASF ABB Aluminum Engine for Process Industry 0.18 kW, 1500 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

Additional Product Information

Product ID:3GAA062142-ASF

ABB Type Designation:M3AA 63B 4

Catalog Description:IE2 High Efficiency Aluminum Motors, 0.18 kW, 400 V (3GAA062142-ASF)

Additional Information

ABB Type Designation:M3AA 63B 4

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 0.18 kW 1380 r/min 0.58 A 0.680 64.70 % 1.25 N·m 3.60

D -- 50 Hz 230 V 0.18 kW 1380 r/min 1.00 A 0.680 65.90 % 1.25 N·m 3.60

Y -- 60 Hz 460 V 0.18 kW 1700 r/min 0.53 A 0.620 68.00 % 1.00 N·m 3.50

Frame Material:Aluminum

Frame Size:63

Frequency (f):50 Hz

Gross Weight:5.4kg

IC Class:IC411

IE Class Data (50 Hz):IE Class IE2

Full Load (100%) 64.7 %

Partial Load (75%) 62.8 %

Partial Load (50%) 55.9 %

IE Class Data (60 Hz):IE Class IE2

Full Load (100%) 68.0 %

Partial Load (75%) 65.4 %

Partial Load (50%) 57.7 %

IM Class:IMB3 IM1001

Input Voltage (U_{in}):400 V

Insulation Class:ICLF

Invoice Description:M3AA 63 B 4 +070 shaft acc. to FS71 D=14mm E=30mm

IP Rating:IP55

Made To Order:No

Medium Description:0.18kW, 4 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting
(3GAA062142-ASF)

Minimum Order Quantity:1 piece

Number of Poles (High):4

Order Multiple:1 piece

Output Power:0.18 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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