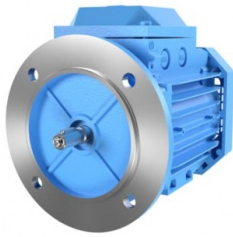


INDUSTRIAL COMPONENT DATA

M3AA 56B 3GAA051312-ASF ABB Aluminum Engine for Process Industry 0.12 kW, 3000 rpm, 230/400 V, B3 mounting, ..

Brand: ABB | Manufacturer Part Number: M3AA 56 B



Manufacturer	ABB
MPN / Reference	M3AA 56 B
Catalog number	3GAA051312-ASF
Category	Cast iron M2BA and aluminium M3AA motors
Minimum order	1 unit
Document ID	EO-E3F1FC30A3
Generated	2026-08-03

Product Overview

M3AA 56B 3GAA051312-ASF ABB Aluminum Engine for Process Industry 0.12 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

Additional Product Information

Product ID:3GAA051312-ASF

ABB Type Designation:M3AA 56B 2

Catalog Description:No Description Available

Additional Information

ABB Type Designation:M3AA 56B 2

Altitude:1000 m

Ambient Temperature:40 °C

Bearing:6201-2Z/C3

Bearing NDE:6201-2Z/C3

Country of Origin:China (CN)

Customs Tariff Number:85015100

Direction of Rotation:Both sides

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

Y -- 50 Hz 400 V 0.12 kW 2830 r/min 0.41 A 0.680 53.60 % 0.40 N·m 4.30

D -- 50 Hz 230 V 0.12 kW 2830 r/min 0.71 A 0.680 53.60 % 0.40 N·m 4.30

Y -- 60 Hz 460 V 0.12 kW 3460 r/min 0.38 A 0.630 59.50 % 0.33 N·m 4.80

Frame Material:Aluminum

Gross Weight:3.9kg

IC Class:IC411

IE Class Data (50 Hz):IE Class IE2

Full Load (100%) 53.6 %

Partial Load (75%) 49.3 %

Partial Load (50%) 37.2 %

IE Class Data (60 Hz):IE Class IE2

Full Load (100%) 59.5 %

Partial Load (75%) 54.0 %

Partial Load (50%) 44.0 %

IM Class:IMB3 IM1001

IP Rating:IP55

Insulation Class:ICLF

Made To Order:No

Minimum Order Quantity:1 piece

Number of Poles (High):2

Order Multiple:1 piece

Package Level 1 Units:0 carton

Product Name:3-Phase squirrel cage motor

Product Net Weight:2.9kg

Product Type:3AA2__M3AA_IE2_AA

Quote Only:No

Replaced Product ID (OLD):3GAA051002-ASA

3GAA051002-ASE

Selling Unit of Measure:piece

Stocked At (Warehouses):Menden, Germany

Temperature Class Default:--

Terminator Box Location:D-End top

Two Speed Motor:No

Type of Duty:S1

UNSPSC:26101100

Voltage Code:S

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / M3AA 56 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.