

INDUSTRIAL COMPONENT DATA

M3JP 100LKA 3GJP101810-ASK ABB Iron Casting Engine for Process Industry 3 kW, 3000 rpm, 230/400 V, B3 mounti..

Brand: ABB | Manufacturer Part Number: M3JP 100 LKA



Manufacturer	ABB
MPN / Reference	M3JP 100 LKA
Catalog number	3GJP101810-ASK
Category	ATEX motors M3GP, M3KP, M3JP
Minimum order	1 unit
Document ID	EO-830998E827
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Product Overview

M3JP 100LKA 3GJP101810-ASK ABB Iron Casting Engine for Process Industry 3 kW, 3000 rpm, 230/400 V, B3 mounti..

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	ABB > ATEX motors M3GP, M3KP, M3JP
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Additional Product Information

Product ID:3GJP101810-ASK

ABB Type Designation:M3JP 100LKA 2

Catalog Description:Flameproof IE3 Premium Efficiency LV Motors, 3 kW, 400 V (3GJP101810-ASK)

Additional Information

ABB Type Designation:M3JP 100LKA 2

Altitude:1000 m

Ambient Temperature:40 °C

Bearing:6206-2Z/C3

Bearing NDE:6205-2Z/C3

Connection Configuration:Y

Country of Origin:Finland (FI)

China (CN)

Poland (PL)

Customs Tariff Number:85015220

Direction of Rotation:Both sides

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

Y T4 50 Hz 400 V 3.00 kW 2907 r/min 5.40 A 0.890 89.00 % 9.90 N·m 8.80

D T4 50 Hz 230 V 3.00 kW 2907 r/min 9.40 A 0.890 89.00 % 9.90 N·m 8.80

Y T4 50 Hz 380 V 3.00 kW 2896 r/min 5.70 A 0.900 88.70 % 9.90 N·m 7.80

D T4 50 Hz 220 V 3.00 kW 2896 r/min 9.80 A 0.900 88.70 % 9.90 N·m 7.80

Y T4 50 Hz 415 V 3.00 kW 2914 r/min 5.30 A 0.880 89.00 % 9.90 N·m 9.50

Y T4 60 Hz 460 V 3.00 kW 3516 r/min 4.70 A 0.890 88.60 % 8.20 N·m 10.00

EX-Protection:Exdb

Frame Material:Cast Iron

Frame Size:100

Frequency (f):50 Hz

Gas Group:IIB

Gross Weight:85kg

IC Class:IC411

IE Class Data (50 Hz):IE Class IE3

Full Load (100%) 88.7 %

Partial Load (75%) 89.4 %

Partial Load (50%) 88.8 %

IE Class Data (60 Hz):IE Class IE3

Full Load (100%) 88.6 %

Partial Load (75%) 88.3 %

Partial Load (50%) 86.1 %

IM Class:IMB3 IM1001

Input Voltage (Uin):400 V

Insulation Class:ICLF

Invoice Description:M3JP 100LKA 2

IP Rating:IP55

Made To Order:No

Medium Description:3kW, 2 Poles, Frame Size 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / M3JP 100 LKA 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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