

INDUSTRIAL COMPONENT DATA

M3JP 100LKB 3GJP102820-ASK ABB Iron Casting Engine for Process Industry 3 kW, 1500 rpm, 230/400 V, B3 assemb..

Brand: ABB | Manufacturer Part Number: M3JP 100 LKB



Manufacturer	ABB
MPN / Reference	M3JP 100 LKB
Catalog number	3GJP102820-ASK
Category	ATEX motors M3GP, M3KP, M3JP
Minimum order	1 unit
Document ID	EO-848FB6CE54
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Product Overview

M3JP 100LKB 3GJP102820-ASK ABB Iron Casting Engine for Process Industry 3 kW, 1500 rpm, 230/400 V, B3 assemb..

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:3GJP102820-ASK

ABB Type Designation:M3JP 100LKB 4

Catalog Description:Flameproof IE3 Premium Efficiency LV Motors, 3 kW, 400 V (3GJP102820-ASK)

Additional Information

ABB Type Designation:M3JP 100LKB 4

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 1452 r/min 5.80 A 0.830 89.40 % 19.70 N·m 7.50

D T4 50 Hz 230 V 3.00 kW 1452 r/min 10.10 A 0.830 89.40 % 19.70 N·m 7.50

Y T4 50 Hz 380 V 3.00 kW 1445 r/min 6.10 A 0.840 88.70 % 19.70 N·m 6.70

D T4 50 Hz 220 V 3.00 kW 1445 r/min 10.50 A 0.840 88.70 % 19.70 N·m 6.70

Y T4 50 Hz 415 V 3.00 kW 1456 r/min 5.60 A 0.820 89.60 % 19.70 N·m 8.00

Y T4 60 Hz 460 V 3.00 kW 1757 r/min 5.10 A 0.820 90.20 % 16.30 N·m 10.40

EX-Protection:Exdb

Frame Material:Cast Iron

Frame Size:100

Frequency (f):50 Hz

Gas Group:IIB

Gross Weight:84kg

IC Class:IC411

IE Class Data (50 Hz):IE Class IE3

Full Load (100%) 88.7 %

Partial Load (75%) 90.2 %

Partial Load (50%) 90.7 %

IE Class Data (60 Hz):IE Class IE3

Full Load (100%) 90.2 %

Partial Load (75%) 90.3 %

Partial Load (50%) 89.0 %

IM Class:IMB3 IM1001

Input Voltage (Uin):400 V

Insulation Class:ICLF

Invoice Description:M3JP 100LKB 4

IP Rating:IP55

Made To Order:No

Medium Description:3kW, 4 Poles, Fram...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / M3JP 100 LKB 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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