

INDUSTRIAL COMPONENT DATA

M3BP 100LKB 3GBP102820-ASM ABB Iron Casting Engine for Process Industry 3 kW, 1500 rpm, 230/400 V, B3 mounti..

Brand: ABB | Manufacturer Part Number: M3BP 100 LKB



Manufacturer	ABB
MPN / Reference	M3BP 100 LKB
Catalog number	3GBP102820-ASM
Category	Motors for process industry M3BP
Minimum order	1 unit
Document ID	EO-EEA96AA6EB
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Product Overview

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STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	ABB > Motors for process industry M3BP > IE4
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Additional Product Information

Product ID:3GBP102820-ASM

ABB Type Designation:M3BP 100LKB 4

Catalog Description:IE4 Super Premium Efficiency Cast Iron Motors, 3 kW, 400 V (3GBP102820-ASM)

Additional Information

ABB Type Designation:M3BP 100LKB 4

Altitude:1000 m

Ambient Temperature:40 °C

Bearing:6206-2Z/C3

Bearing NDE:6206-2Z/C3

Connection Configuration:Y

Country of Origin:Finland (FI)

China (CN)

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 -- 50 Hz 400 V 3.00 kW 1460 r/min 6.12 A 0.780 90.40 % 19.80 N·m 8.80
D -- 50 Hz 230 V 3.00 kW 1460 r/min 10.40 A 0.780 90.40 % 19.80 N·m 8.80
Y -- 50 Hz 415 V 3.00 kW 1460 r/min 6.00 A 0.770 90.40 % 19.80 N·m 8.80
Y -- 60 Hz 460 V 3.00 kW 1765 r/min 5.42 A 0.760 91.00 % 16.40 N·m 9.50
Frame Material:Cast Iron
Frame Size:100
Frequency (f):50 Hz
Gross Weight:67kg
IC Class:IC411
IE Class Data (50 Hz):IE Class IE4
Full Load (100%) 90.4 %
Partial Load (75%) 90.2 %
Partial Load (50%) 90.3 %
IE Class Data (60 Hz):IE Class IE4
Full Load (100%) 91.0 %
Partial Load (75%) 91.0 %
Partial Load (50%) 89.8 %
IM Class:IMB3 IM1001
Input Voltage (U_{in}):400 V
Insulation Class:ICLF
Invoice Description:M3BP 100LKB 4
IP Class:IP55
Made To Order:No
Medium Description:3kW, 4 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting
(3GBP102820-ASM)
Minimum Order Quantity:1 piece
Number of Poles (High):4
Order Multiple:1 piece
Output Power:3 kW
Packa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / M3BP 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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