

INDUSTRIAL COMPONENT DATA

M3BP 100LKB 3GBP103820-ASM ABB Iron Casting Engine for Process Industry 1.5 kW, 1000 rpm, 230/400 V, B3 moun..

Brand: ABB | Manufacturer Part Number: M3BP 100 LKB



Manufacturer	ABB
MPN / Reference	M3BP 100 LKB
Catalog number	3GBP103820-ASM
Category	Motors for process industry M3BP
Minimum order	1 unit
Document ID	EO-6807FA00DC
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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:3GBP103820-ASM

ABB Type Designation:M3BP 100LKB 6

Catalog Description:IE4 Super Premium Efficiency Cast Iron Motors, 1,5 kW, 400 V (3GBP103820-ASM)

Additional Information

ABB Type Designation:M3BP 100LKB 6

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 1.50 kW 972 r/min 3.34 A 0.730 85.90 % 14.74 N·m 6.20
D -- 50 Hz 230 V 1.50 kW 972 r/min 5.80 A 0.730 85.90 % 14.74 N·m 6.20
Y -- 50 Hz 415 V 1.50 kW 972 r/min 3.20 A 0.730 85.90 % 14.74 N·m 6.50
Y -- 60 Hz 460 V 1.50 kW 1175 r/min 3.10 A 0.700 89.50 % 12.20 N·m 7.00

Frame Material:Cast Iron

Frame Size:100

Frequency (f):50 Hz

Gross Weight:56kg

IC Class:IC411

IE Class Data (50 Hz):IE Class IE4

Full Load (100%) 85.9 %

Partial Load (75%) 85.8 %

Partial Load (50%) 83.7 %

IE Class Data (60 Hz):IE Class IE4

Full Load (100%) 89.5 %

Partial Load (75%) 88.8 %

Partial Load (50%) 87.1 %

IM Class:IMB3 IM1001

Input Voltage (U_{in}):400 V

Insulation Class:ICLF

Invoice Description:M3BP 100LKB 6

IP Class:IP55

Made To Order:No

Medium Description:1.5kW, 6 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting
(3GBP103820-ASM)

Minimum Order Quantity:1 piece

Number of Poles (High):6

Order Multiple:1 piece

Output Power:1,5 kW

Pac...

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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