

INDUSTRIAL COMPONENT DATA

M3BP 100 LKB 3GBP104820-ASK ABB Iron Casting Engine for Process Industry 1.1 kW, 750 rpm, 230/400 V, B3 moun..

Brand: ABB | Manufacturer Part Number: M3BP 100 LKB



Manufacturer	ABB
MPN / Reference	M3BP 100 LKB
Catalog number	3GBP104820-ASK
Category	Motors for process industry M3BP
Minimum order	1 unit
Document ID	EO-DE6F5DCCC4
Generated	2026-08-05

Product Overview

M3BP 100 LKB 3GBP104820-ASK ABB Iron Casting Engine for Process Industry 1.1 kW, 750 rpm, 230/400 V, B3 moun..

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 > IE3 71-250
--------------	---

Additional Product Information

Product ID:3GBP104820-ASK

ABB Type Designation:M3BP 100LKB 8

Catalog Description:IE3 Premium Efficiency Cast Iron Motor, 1.1 kW, 400 V (3GBP104820-ASK)

Additional Information

ABB Type Designation:M3BP 100LKB 8

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)

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 1.10 kW 703 r/min 3.08 A 0.650 77.70 % 14.90 N·m 4.40
D -- 50 Hz 230 V 1.10 kW 703 r/min 5.34 A 0.650 77.70 % 14.90 N·m 4.40
Y -- 50 Hz 380 V 1.10 kW 695 r/min 3.10 A 0.690 77.70 % 15.10 N·m 4.10
D -- 50 Hz 220 V 1.10 kW 695 r/min 5.37 A 0.690 77.70 % 15.10 N·m 4.10
Y -- 50 Hz 415 V 1.10 kW 708 r/min 3.12 A 0.620 77.70 % 14.80 N·m 4.60
Y -- 60 Hz 460 V 1.10 kW 860 r/min 2.78 A 0.610 78.50 % 12.20 N·m 4.90

Frame Material:Cast Iron

Frame Size:100

Frequency (f):50 Hz

Gross Weight:50kg

IC Class:IC411

IE Class Data (50 Hz):IE Class IE3

Full Load (100%) 77.7 %

Partial Load (75%) 77.4 %

Partial Load (50%) 73.9 %

IE Class Data (60 Hz):IE Class IE3

Full Load (100%) 78.5 %

Partial Load (75%) 77.4 %

Partial Load (50%) 73.0 %

IM Class:IMB3 IM1001

Input Voltage (U_{in}):400 V

Insulation Class:ICLF

Invoice Description:M3BP 100LKB 8

IP Class:IP55

Made To Order:No

Medium Description:1.1kW, 8 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/I...

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

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.