

## PRODUCT-DETAILS

# 3GBA131120-AEC

IE2 High Efficiency Cast Iron Motors, 7.5 kW,  
500 V (3GBA131120-AEC)



### General Information

Product ID	3GBA131120-AEC
ABB Type Designation	M2BAX 132SB 2
Catalog Description	IE2 High Efficiency Cast Iron Motors, 7.5 kW, 500 V (3GBA131120-AEC)

### Ordering

ABB Type Designation	M2BAX 132SB 2
Invoice Description	M2BAX 132SB 2
Product Name	3-Phase squirrel cage motor
Product Type	EBA2_M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015220

### Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	500 V	7.50 kW	2909 r/min	11.40 A	0.860	88.10 %	24.54 N·m	8.50
D	--	60 Hz	575 V	7.50 kW	3518 r/min	10.10 A	0.850	87.50 %	20.29 N·m	9.60

Connection Configuration	D
Temperature Class	--
Default	
Input Voltage (U <sub>in</sub> )	500 V
Frequency (f)	50 Hz
Output Power	7.5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 87.5 % Partial Load (75%) 85.8 % Partial Load (50%) 83.0 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	E

Mechanical

Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6208-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	60 kg
Gross Weight	65 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)

Classifications

UNSPSC	26101100
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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

