

PRODUCT-DETAILS

## 3GBA131210-BDD

# IE3 Premium Efficiency Cast Iron Motor 5.5 kW, 400 V (3GBA131210-BDD)



### General Information

Product ID	3GBA131210-BDD
ABB Type Designation	M2BAX 132SMA 2
Catalog Description	IE3 Premium Efficiency Cast Iron Motor 5.5 kW, 400 V (3GBA131210-BDD)

### Ordering

ABB Type Designation	M2BAX 132SMA 2
Invoice Description	M2BAX 132SMA 2
Product Name	3-Phase squirrel cage motor
Product Type	EBA3_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)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany Shanghai, China

### Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	5.50 kW	2934 r/min	6.15 A	0.820	89.20 %	17.91 N·m	8.90
D	--	50 Hz	400 V	5.50 kW	2934 r/min	10.60 A	0.820	89.20 %	17.91 N·m	8.90
Y	--	50 Hz	660 V	5.50 kW	2926 r/min	6.30 A	0.840	89.20 %	17.95 N·m	8.10
D	--	50 Hz	380 V	5.50 kW	2926 r/min	11.00 A	0.840	89.20 %	17.95 N·m	8.10

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	5.5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 89.2 % Partial Load (75%) 89.7 % Partial Load (50%) 88.9 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.3 % Partial Load (50%) 87.5 %
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	D

## Mechanical

Frame Material	Cast Iron
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6208-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	521 mm
Product Net Height	302 mm
Product Net Width	262 mm
Product Net Weight	64 kg
Gross Weight	69 kg

## Environmental

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

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### Classifications

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UNSPSC	26101100
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### Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Cast Iron Motors

