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 PRODUCT-DETAILS

## 3GBA132210-ADD

### IE3 Premium Efficiency Cast Iron Motors, 5.5 kW, 400 V (3GBA132210-ADD)




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**General Information**

Product ID	3GBA132210-ADD
ABB Type Designation	M2BAX 132SMA 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 5.5 kW, 400 V (3GBA132210-ADD)

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**Ordering**

ABB Type Designation	M2BAX 132SMA 4
Invoice Description	M2BAX 132SMA 4
Product Name	3-Phase squirrel cage motor
Product Type	EBA3__M2BAX_CI
Country or Territory of Origin	China
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Medium Description	5.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA132210-ADD)
Short Description	5.5kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

## Electrical

### Electrical Data

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	5.50 kW	1458 r/min	6.30 A	0.810	89.60 %	36.00 N·m	7.00
D	--	50 Hz	400 V	5.50 kW	1458 r/min	10.90 A	0.810	89.60 %	36.00 N·m	7.00
Y	--	50 Hz	660 V	5.50 kW	1454 r/min	6.50 A	0.820	89.60 %	36.20 N·m	6.40
D	--	50 Hz	380 V	5.50 kW	1454 r/min	11.40 A	0.820	89.60 %	36.20 N·m	6.40

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%) 89.6 % Partial Load (75%) 90.2 % Partial Load (50%) 90.1 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 91.8 % Partial Load (50%) 91.3 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
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	IMB3 IM1001
Terminator Box Location	D-End top

## Dimensions

Product Net Depth / Length	521 mm
Product Net Height	302 mm
Product Net Width	262 mm
Product Net Weight	67 kg

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Gross Weight 72 kg

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### Environmental

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WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm)

SCIP d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland

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### External Classifications and Standards

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UNSPSC 26101100

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### Categories

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

