



PRODUCT-DETAILS

# 3GBA131210-ADN

## IE4 Super Premium Efficiency Cast Iron Motors, 7.5 kW, 400 V (3GBA131210-ADN)



General Information

Product ID	3GBA131210-ADN
ABB Type Designation	M2BAX 132SMA 2
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 7.5 kW, 400 V (3GBA131210-ADN)

Ordering

ABB Type Designation	M2BAX 132SMA 2
Invoice Description	M2BAX 132SMA 2
Product Name	3-Phase squirrel cage motor
Product Type	EBA4_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
Medium Description	7.5kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA131210-ADN)
Short Description	7.5kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	7.50 kW	2910 r/min	7.70 A	0.890	91.70 %	24.60 N·m	8.20
D	--	50 Hz	400 V	7.50 kW	2910 r/min	13.30 A	0.890	91.70 %	24.60 N·m	8.20
Y	--	50 Hz	660 V	7.50 kW	2900 r/min	8.00 A	0.900	91.70 %	24.70 N·m	7.60
D	--	50 Hz	380 V	7.50 kW	2900 r/min	13.80 A	0.900	91.70 %	24.70 N·m	7.60

Connection Configuration	D
Temperature Class	--
Default	
Input Voltage (U <sub>in</sub> )	400 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 IE4 Full Load (100%) 91.7 % Partial Load (75%) 92.6 % Partial Load (50%) 92.7 %
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	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	510 mm
Product Net Height	307 mm
Product Net Width	262 mm
Product Net Weight	81 kg
Gross Weight	86 kg

Environmental

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

Classifications

UNSPSC	26101100
--------	----------

---

Categories

---

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

