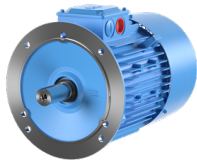




PRODUCT-DETAILS

3GBA131210-BDD

IE3 Premium Efficiency Cast Iron Motors, 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 Motors, 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
Country or Territory of Origin	China
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Medium Description	5.5kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA131210-BDD)
Short Description	5.5kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

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	2934 r/min	6.10 A	0.820	89.20 %	17.90 N·m	8.90
D	--	50 Hz	400 V	5.50 kW	2934 r/min	10.60 A	0.820	89.20 %	17.90 N·m	8.90
Y	--	50 Hz	660 V	5.50 kW	2926 r/min	6.30 A	0.840	89.20 %	18.00 N·m	8.10
D	--	50 Hz	380 V	5.50 kW	2926 r/min	11.00 A	0.840	89.20 %	18.00 N·m	8.10
Connection Configuration										D
Temperature Class Default										--
Input Voltage (U _{in})										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

Product Net Depth / Length	521 mm
Product Net Height	302 mm
Product Net Width	262 mm
Product Net Weight	62 kg

Gross Weight	67 kg
--------------	-------

Environmental

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

External Classifications and Standards

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

Categories

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

