

PRODUCT-DETAILS

3GBA131120-BEC

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



General Information

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

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)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany

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 _{in})	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	IMB5 IM3001
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

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

