



 PRODUCT-DETAILS

3GBA223210-ADD

IE3 Premium Efficiency Cast Iron Motors, 30 kW, 400 V (3GBA223210-ADD)



General Information

Product ID	3GBA223210-ADD
ABB Type Designation	M2BAX 225SMA 6
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 30 kW, 400 V (3GBA223210-ADD)

Ordering

ABB Type Designation	M2BAX 225SMA 6
Invoice Description	M2BAX 225SMA 6
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	Poland (PL) China (CN)
Customs Tariff Number	85015230
Medium Description	30kW, 6 Poles, Frame Size 225, 3 Phases, 400V, 50Hz, IP55 Enclosure,

IMB3/IM1001 Mounting (3GBA223210-ADD)

Short Description 30kW, 6P, Frame Size 225, 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	30.00 kW	988 r/min	34.90 A	0.770	92.90 %	290.60 N·m	7.70
D	--	50 Hz	400 V	30.00 kW	988 r/min	60.40 A	0.770	92.90 %	290.60 N·m	7.70
Y	--	50 Hz	660 V	30.00 kW	987 r/min	35.40 A	0.800	92.90 %	291.50 N·m	7.10
D	--	50 Hz	380 V	30.00 kW	987 r/min	61.50 A	0.800	92.90 %	291.50 N·m	7.10
D	--	60 Hz	440 V	30.00 kW	1189 r/min	53.50 A	0.790	93.40 %	241.40 N·m	8.10
D	--	60 Hz	460 V	30.00 kW	1190 r/min	52.60 A	0.770	93.50 %	241.40 N·m	8.70

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	30 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.9 % Partial Load (75%) 93.0 % Partial Load (50%) 92.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 93.4 % Partial Load (75%) 93.5 % Partial Load (50%) 92.6 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Cast Iron
Frame Size	225
Bearing	6213-2Z/C3
Bearing NDE	6210-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	927 mm
Product Net Height	585 mm
Product Net Width	480 mm
Product Net Weight	298 kg
Gross Weight	308 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

