



PRODUCT-DETAILS

3GBA201410-ADC
IE2 High Efficiency Cast Iron Motors, 30 kW, 400 V (3GBA201410-ADC)



General Information

Product ID	3GBA201410-ADC
ABB Type Designation	M2BAX 200MLA 2
Catalog Description	IE2 High Efficiency Cast Iron Motors, 30 kW, 400 V (3GBA201410-ADC)

Ordering

ABB Type Designation	M2BAX 200MLA 2
Invoice Description	M2BAX 200MLA 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) Poland (PL)
Customs Tariff Number	85015230
Stocked At (Warehouses)	Menden, Germany Shanghai, China

Medium Description	30kW, 2 Poles, Frame Size 200, 3 Phases, 400V, 50Hz, IP55 Enclosure,
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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	2957 r/min	32.20 A	0.850	92.00 %	97.10 N·m	8.60
D	--	50 Hz	400 V	30.00 kW	2957 r/min	55.80 A	0.850	92.00 %	97.10 N·m	8.60
Y	--	50 Hz	660 V	30.00 kW	2952 r/min	32.80 A	0.880	92.00 %	97.09 N·m	8.10
D	--	50 Hz	380 V	30.00 kW	2952 r/min	56.80 A	0.880	92.00 %	97.09 N·m	8.10
D	--	60 Hz	440 V	30.00 kW	3559 r/min	49.30 A	0.870	91.70 %	80.52 N·m	9.50
D	--	60 Hz	460 V	30.00 kW	3563 r/min	48.70 A	0.850	91.70 %	80.43 N·m	10.10

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 IE2 Full Load (100%) 92.0 % Partial Load (75%) 91.5 % Partial Load (50%) 90.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 91.7 % Partial Load (75%) 90.6 % Partial Load (50%) 88.5 %
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	200
Bearing	6212-2Z/C3
Bearing NDE	6209-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	728 mm
Product Net Height	473 mm
Product Net Width	378 mm
Product Net Weight	198 kg
Gross Weight	208 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 → IE2 High Efficiency Cast Iron Motors

