



PRODUCT-DETAILS

3GBA132310-ASC

IE2 High Efficiency Cast Iron Motors, 7.5 kW,
400 V (3GBA132310-ASC)



General Information	
Product ID	3GBA132310-ASC
ABB Type Designation	M2BAX 132MA 4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 7.5 kW, 400 V (3GBA132310-ASC)

Ordering	
ABB Type Designation	M2BAX 132MA 4
Invoice Description	M2BAX 132MA 4
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	85015220
Medium Description	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure,

IMB3/IM1001 Mounting (3GBA132310-ASC)	
Short Description	7.5kW, 4P, 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	400 V	7.50 kW	1458 r/min	16.20 A	0.760	88.70 %	48.86 N·m	7.30
D	--	50 Hz	230 V	7.50 kW	1458 r/min	28.10 A	0.760	88.70 %	48.86 N·m	7.30
Y	--	50 Hz	380 V	7.50 kW	1454 r/min	16.20 A	0.800	88.70 %	49.03 N·m	6.90
D	--	50 Hz	220 V	7.50 kW	1454 r/min	28.00 A	0.800	88.70 %	49.03 N·m	6.90
Y	--	60 Hz	440 V	7.50 kW	1759 r/min	14.40 A	0.760	89.50 %	40.50 N·m	7.90
Y	--	60 Hz	460 V	7.50 kW	1763 r/min	14.30 A	0.740	89.50 %	40.43 N·m	8.40
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U _{in})										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 IE2 Full Load (100%) 88.7 % Partial Load (75%) 88.5 % Partial Load (50%) 87.5 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 89.5 % Partial Load (75%) 88.6 % Partial Load (50%) 86.8 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
Two Speed Motor										No
Type of Duty										S1
Voltage Code										S

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	521 mm
Product Net Height	302 mm
Product Net Width	270 mm
Product Net Weight	70 kg
Gross Weight	75 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

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

