

PRODUCT-DETAILS

3GBA132250-ASD

IE3 Premium Efficiency Cast Iron Motors, 7.5 kW, 400 V (3GBA132250-ASD)

"No longer for sale" replaced by 3GBA132410-



General Information

Product ID	3GBA132250-ASD
ABB Type Designation	M2BAX 132SME 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 7.5 kW, 400 V (3GBA132250-ASD)

Ordering

ABB Type Designation	M2BAX 132SME 4
Invoice Description	M2BAX 132SME 4
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)
Customs Tariff Number	85015220
Medium Description	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA132250-ASD)
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	1465 r/min	15.50 A	0.780	90.40 %	48.96 N·m	7.40
D	--	50 Hz	230 V	7.50 kW	1465 r/min	26.80 A	0.780	90.40 %	48.96 N·m	7.40
Y	--	50 Hz	380 V	7.50 kW	1459 r/min	15.80 A	0.810	90.40 %	49.13 N·m	6.90
D	--	50 Hz	220 V	7.50 kW	1459 r/min	27.10 A	0.810	90.40 %	49.13 N·m	6.90
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 IE3 Full Load (100%) 90.4 % Partial Load (75%) 90.7 % Partial Load (50%) 90.3 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 91.7 % Partial Load (50%) 90.8 %
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	262 mm
Product Net Weight	77 kg
Gross Weight	82 kg

Environmental

WEEE Category	5. Small Equipment (No 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	

