

PRODUCT-DETAILS

3GAL132223-AFC

IE5 SynRM Motors, 7.5 kW, 380 V (3GAL132223-AFC)



General Information	
Product ID	3GAL132223-AFC
ABB Type Designation	M3AL 132SMB 4
Catalog Description	IE5 SynRM Motors, 7.5 kW, 380 V (3GAL132223-AFC)

Ordering	
ABB Type Designation	M3AL 132SMB 4
Invoice Description	M3AL 132SMB 4
Product Name	3Phase Synchronous reluctance motor
Product Type	3AL4__M3AL_IE5_SynRM_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220
Medium Description	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 380V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAL132223-AFC)
Short Description	7.5kW, 4P, Frame Size 132, 3PH, 380V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	500 V	7.50 kW	1500 r/min	12.80 A	0.770	93.70 %	47.75 N·m	0.00
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U _{in})										380 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 IE5
										Full Load (100%) 93.7 %
										Partial Load (75%) 93.9 %
										Partial Load (50%) 93.2 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
Two Speed Motor										No
Type of Duty										S9
Voltage Code										F

Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6308-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	550 mm
Product Net Height	321 mm
Product Net Width	262 mm
Product Net Weight	63 kg
Gross Weight	68 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Classifications

UNSPSC

26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Synchronous Reluctance Motors → IE5 SynRM Motors

