



 PRODUCT-DETAILS

3GAA082350-APK

(3GAA082350-APK)

"No longer for sale" replaced by 3GAA082350-



General Information

Product ID	3GAA082350-APK
ABB Type Designation	M3AA 80ME 4
Catalog Description	(3GAA082350-APK)

Ordering

ABB Type Designation	M3AA 80ME 4
Invoice Description	M3AA 80ME 4
Product Name	3-Phase squirrel cage motor
Product Type	3AA3__M3AA_IE3_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015100

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	200 V	0.75 kW	1440 r/min	3.36 A	0.760	84.00 %	4.90 N·m	7.90
D	--	60 Hz	230 V	0.75 kW	1748 r/min	3.00 A	0.740	85.50 %	4.00 N·m	9.50

Temperature Class	Default	--
Altitude		1000 m
Ambient Temperature		40 °C
IC Class		IC411
IE Class Data (50 Hz)		IE Class IE3 Full Load (100%) 84.0 % Partial Load (75%) 83.9 % Partial Load (50%) 81.9 %
IE Class Data (60 Hz)		IE Class IE4 Full Load (100%) 85.5 % Partial Load (75%) 84.4 % Partial Load (50%) 81.6 %
IP Class		IP55
Insulation Class		ICLF
Direction of Rotation		Both sides
Number of Poles (High)		4
Two Speed Motor		No
Voltage Code		P

Mechanical

Frame Material	Aluminum
Frame Size	80
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	13.5 kg
Gross Weight	16.5 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

