



PRODUCT-DETAILS

3GAA081320-ASHIN
(3GAA081320-ASHIN)

General Information	
Product ID	3GAA081320-ASHIN
ABB Type Designation	M2AAX 80MB 2
Catalog Description	(3GAA081320-ASHIN)

Ordering	
ABB Type Designation	M2AAX 80MB 2
Invoice Description	M2AAX 80MB 2
Product Name	3-Phase squirrel cage motor
Product Type	IAA2_M2AAX_IE2
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	India (IN)
Customs Tariff Number	85015220

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	415 V	1.10 kW	2840 r/min	2.50 A	0.770	79.60 %	3.70 N-m	6.00
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										50 °C
IC Class										IC411
IE Class Data (50 Hz)									IE Class IE2	
									Full Load (100%)	79.6 %
									Partial Load (75%)	80.0 %
									Partial Load (50%)	77.9 %
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	S

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	10 kg
Gross Weight	13 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Aluminum Motors