



PRODUCT-DETAILS

3GAA083340-ASNIN
M2AAX 80MD6

General Information	
Product ID	3GAA083340-ASNIN
ABB Type Designation	M2AAX 80MD6
Catalog Description	M2AAX 80MD6

Ordering	
ABB Type Designation	M2AAX 80MD6
Invoice Description	M2AAX 80MD6
Product Name	3-Phase squirrel cage motor
Product Type	IAA3__M2AAX_IE3
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	85015100

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	415 V	0.55 kW	935 r/min	1.70 A	0.590	77.20 %	5.60 N·m	4.50
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										50 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 77.2 % Partial Load (75%) 77.0 % Partial Load (50%) 71.5 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides

Number of Poles (High)	6
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	13 kg
Gross Weight	16 kg

Classifications

UNSPSC	26101100
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Categories

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