

PRODUCT-DETAILS

3GAA082315-ADECN (3GAA082315-ADECN)



General Information

Product ID	3GAA082315-ADECN
ABB Type Designation	M3AA 80E 4 +540/+545
Catalog Description	(3GAA082315-ADECN)

Ordering

ABB Type Designation	M3AA 80E 4 +540/+545
Invoice Description	M3AA 80 incl. China Energy Label (+540) / China Compulsary Certificate (+545)
Product Name	3-Phase squirrel cage motor
Product Type	3AA2 M3AA IE2 AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN)
Customs Tariff Number	85015100
Stocked At (Warehouses)	Shanghai, China

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Torque	IS/IN
D	--	50 Hz	380 V	0.75 kW	1415 r/min	1.91 A	0.750	5.00 N·m	6.60
Y	--	50 Hz	660 V	0.75 kW	1415 r/min	1.10 A	0.750	5.00 N·m	6.60
D	--	50 Hz	400 V	0.75 kW	1425 r/min	1.88 A	0.720	4.10 N·m	7.20
Temperature Class Default									--
Altitude									1000 m
Ambient Temperature									40 °C
IC Class									IC411
IE Class Data (50 Hz)									IE Class IE2 Full Load (100%) 79.6 % Partial Load (75%) 80.4 % Partial Load (50%) 77.9 %
IE Class Data (60 Hz)									IE Class IE1 Full Load (100%) 81.6 %
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									D

Mechanical

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

Dimensions

Product Net Weight	15 kg
Gross Weight	15 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

