

## PRODUCT-DETAILS

# 3GAA082215-ADE (3GAA082215-ADE)



### General Information

Product ID	3GAA082215-ADE
ABB Type Designation	M2AA 80E 4
Catalog Description	(3GAA082215-ADE)

### Ordering

ABB Type Designation	M2AA 80E 4
Invoice Description	M2AA 80E 4 0.75KW V.4/6 50HZ B3 IE2
Product Name	3-Phase squirrel cage motor
Product Type	2AA2_M2AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Romania (RO)
Customs Tariff Number	85015100

### Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency
D	--	50 Hz	400 V	0.75 kW	1415 r/min	1.65 A	0.820	79.80 %
Y	--	50 Hz	690 V	0.75 kW	1415 r/min	0.95 A	0.820	79.80 %
D	--	60 Hz	460 V	0.75 kW	1730 r/min	1.62 A	0.700	82.60 %

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 79.8 % Partial Load (75%) 81.3 % Partial Load (50%) 79.9 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 82.6 % Partial Load (75%) 82.5 % Partial Load (50%) 79.8 %
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

Package Level 1 Units	0 carton
Product Net Weight	12 kg
Gross Weight	12 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

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## Categories

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

