

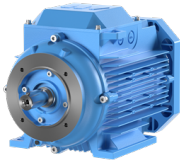



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 PRODUCT-DETAILS

# 3GAA133340-JDK

## IE3 Premium Efficiency Aluminum Motors, 4 kW, 400 V (3GAA133340-JDK)




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**General Information**

Product ID	3GAA133340-JDK
ABB Type Designation	M3AA 132MD 6
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 4 kW, 400 V (3GAA133340-JDK)

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**Ordering**

ABB Type Designation	M3AA 132MD 6
Invoice Description	M3AA 132MD 6
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)
Customs Tariff Number	85015220
Medium Description	4kW, 6 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB34/IM2101 Mounting (3GAA133340-JDK)
Short Description	4kW, 6P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB34/IM2101

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	973 r/min	5.20 A	0.720	86.80 %	39.20 N·m	5.60
D	--	50 Hz	400 V	4.00 kW	973 r/min	9.10 A	0.720	86.80 %	39.20 N·m	5.60
Y	--	50 Hz	660 V	4.00 kW	968 r/min	5.40 A	0.740	86.80 %	39.40 N·m	5.10
D	--	50 Hz	380 V	4.00 kW	968 r/min	9.30 A	0.740	86.80 %	39.40 N·m	5.10
D	--	50 Hz	415 V	4.00 kW	975 r/min	9.00 A	0.690	86.80 %	39.20 N·m	6.00
D	--	60 Hz	460 V	4.00 kW	1176 r/min	8.00 A	0.690	89.50 %	32.40 N·m	6.20

Connection Configuration	D
Temperature Class Default	--
Input Voltage ( $U_{in}$ )	400 V
Frequency (f)	50 Hz
Output Power	4 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 86.8 % Partial Load (75%) 87.6 % Partial Load (50%) 86.8 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.9 % Partial Load (50%) 88.9 %
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	D

## Mechanical

Frame Material	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB34 IM2101
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	487 mm
Product Net Height	298 mm
Product Net Width	262 mm
Product Net Weight	67 kg
Gross Weight	72 kg

## Environmental

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

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### Classifications

UNSPSC 26101100

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### Categories

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

