

---

PRODUCT-DETAILS

## 3GAA081330-ADK

IE3 Premium Efficiency Aluminum Motor, 1.1 kW, 400 V (3GAA081330-ADK)



---

### General Information

Product ID	3GAA081330-ADK
ABB Type Designation	M3AA 80MC 2
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 1.1 kW, 400 V (3GAA081330-ADK)

---

### Additional Information

ABB Type Designation	M3AA 80MC 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Connection Configuration	D
Country of Origin	Romania (RO)
Customs Tariff Number	85015220
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	1.10 kW	2883 r/min	1.33 A	0.810	82.70 %	3.60 N-m	7.90
D	--	50 Hz	400 V	1.10 kW	2883 r/min	2.30 A	0.810	82.70 %	3.60 N-m	7.90
Y	--	50 Hz	660 V	1.10 kW	2868 r/min	1.36 A	0.840	82.70 %	3.60 N-m	7.90
D	--	50 Hz	380 V	1.10 kW	2868 r/min	2.30 A	0.840	82.70 %	3.60 N-m	7.90
D	--	50 Hz	415 V	1.10 kW	2895 r/min	2.30 A	0.780	82.70 %	3.60 N-m	8.20
D	--	60 Hz	460 V	1.10 kW	3500 r/min	2.00 A	0.780	84.00 %	3.00 N-m	9.90

Frame Material	Aluminum
Frame Size	80
Frequency (f)	50 Hz
Gross Weight	13.5 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 82.7 % Partial Load (75%) 82.0 % Partial Load (50%) 79.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 84.0 % Partial Load (75%) 83.0 % Partial Load (50%) 80.2 %
IM Class	IMB3 IM1001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 80MC 2
IP Class	IP55
Made To Order	No
Medium Description	1.1kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA081330-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	1.1 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	265.5 mm
Product Net Height	193.5 mm
Product Net Weight	10.5 kg
Product Net Width	154 mm
Product Type	3AA3_M3AA_IE3_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA081330-APK
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	1.1kW, 2P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1

UNSPSC	26101100
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

---

## Categories

---

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

