

PRODUCT-DETAILS

3GAA082350-ADK

IE3 Premium Efficiency Aluminum Motor, 0.75 kW, 400 V (3GAA082350-ADK)



General Information

Product ID	3GAA082350-ADK
ABB Type Designation	M3AA 80ME 4
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 0.75 kW, 400 V (3GAA082350-ADK)

Additional Information

ABB Type Designation	M3AA 80ME 4
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	85015100
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	0.75 kW	1440 r/min	0.97 A	0.760	82.50 %	4.90 N·m	7.90
D	--	50 Hz	400 V	0.75 kW	1440 r/min	1.68 A	0.760	82.50 %	4.90 N·m	7.90
Y	--	50 Hz	660 V	0.75 kW	1431 r/min	1.00 A	0.800	82.50 %	5.00 N·m	7.40
D	--	50 Hz	380 V	0.75 kW	1431 r/min	1.70 A	0.800	82.50 %	5.00 N·m	7.40
D	--	50 Hz	415 V	0.75 kW	1445 r/min	1.67 A	0.740	82.50 %	4.90 N·m	8.30
D	--	60 Hz	460 V	0.75 kW	1748 r/min	1.48 A	0.740	83.50 %	4.00 N·m	9.50

Frame Material

Aluminum

Frame Size	80
Frequency (f)	50 Hz
Gross Weight	16.5 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 82.5 % Partial Load (75%) 82.2 % Partial Load (50%) 79.5 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 83.5 % Partial Load (75%) 82.2 % Partial Load (50%) 79.0 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 80ME 4
IP Class	IP55
Made To Order	No
Medium Description	0.75kW, 4 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA082350-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	0.75 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	293.5 mm
Product Net Height	193.5 mm
Product Net Weight	13.5 kg
Product Net Width	149.5 mm
Product Type	3AA3__M3AA_IE3_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA082350-APK
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	0.75kW, 4P, 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

