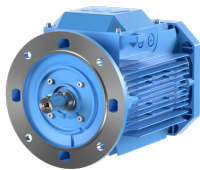




PRODUCT-DETAILS

3GAA112360-BDE

IE2 High Efficiency Aluminum Motors, 5.5 kW,
400 V (3GAA112360-BDE)



General Information

Product ID	3GAA112360-BDE
ABB Type Designation	M3AA 112MF 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 5.5 kW, 400 V (3GAA112360-BDE)

Ordering

ABB Type Designation	M3AA 112MF 4
Invoice Description	M3AA 112MF 4
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	Poland (PL) Finland (FI) Romania (RO)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA112062-BDA 3GAA112102-BDE
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain
Medium Description	5.5kW, 4 Poles, Frame Size 112, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA112360-BDE)

Short Description5.5kW, 4P, Frame Size 112, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	5.50 kW	1410 r/min	6.80 A	0.810	82.50 %	37.30 N·m	6.20
D	--	50 Hz	400 V	5.50 kW	1410 r/min	11.80 A	0.810	82.50 %	37.30 N·m	6.20
D	--	60 Hz	460 V	5.50 kW	1730 r/min	10.20 A	0.780	86.20 %	30.50 N·m	7.40

Connection Configuration	D
Temperature Class	--
Default	
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	5.5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 82.5 % Partial Load (75%) 84.0 % Partial Load (50%) 83.4 %
IE Class Data (60 Hz)	IE Class NA Full Load (100%) 86.2 % Partial Load (75%) 87.2 % Partial Load (50%) 86.2 %
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	112
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	393 mm
Product Net Height	249 mm
Product Net Width	230 mm
Product Net Weight	34 kg
Gross Weight	39 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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SCIP27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

UNSPSC26101100

Categories

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

