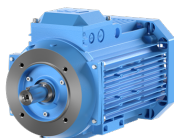


PRODUCT-DETAILS

3GAA104510-CDE

IE2 High Efficiency Aluminum Motors, 0.75 kW, 400 V (3GAA104510-CDE)



General Information

Product ID	3GAA104510-CDE
ABB Type Designation	M3AA 100LA 8
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.75 kW, 400 V (3GAA104510-CDE)

Additional Information

ABB Type Designation	M3AA 100LA 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Connection Configuration	D
Country of Origin	Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015100

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	0.75 kW	720 r/min	1.88 A	0.470	70.70 %	9.90 N·m	3.90
D	--	50 Hz	400 V	0.75 kW	720 r/min	3.20 A	0.470	70.70 %	9.90 N·m	3.90
D	--	60 Hz	460 V	0.75 kW	865 r/min	2.40 A	0.510	74.20 %	8.20 N·m	4.20

Frame Material	Aluminum
Frame Size	100
Frequency (f)	50 Hz
Gross Weight	25 kg

IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 70.7 % Partial Load (75%) 67.1 % Partial Load (50%) 59.9 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 74.2 % Partial Load (75%) 71.3 % Partial Load (50%) 64.6 %
IM Class	IMB14 IM3601
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 100LA 8
IP Class	IP55
Made To Order	No
Medium Description	0.75kW, 8 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA104510-CDE)
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Output Power	0.75 kW
Package Level 1 Units	0 carton
Pre Modified Motor Product ID	3GAA104510-BDE
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	351 mm
Product Net Height	237 mm
Product Net Weight	20 kg
Product Net Width	200 mm
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA104061-CDA
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	0.75kW, 8P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB14/IM3601
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Temperature Class Default	--
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 → General Performance Motors → IE2 High Efficiency Aluminum Motors

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

