

PRODUCT-DETAILS

3GAA093520-CDE

IE2 High Efficiency Aluminum Motors, 0.75 kW, 400 V (3GAA093520-CDE)



General Information

Product ID	3GAA093520-CDE
ABB Type Designation	M3AA 90LB 6
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.75 kW, 400 V (3GAA093520-CDE)

Additional Information

ABB Type Designation	M3AA 90LB 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/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	930 r/min	1.13 A	0.710	77.60 %	7.70 N-m	3.90
D	--	50 Hz	400 V	0.75 kW	930 r/min	1.96 A	0.710	77.60 %	7.70 N-m	4.00
D	--	60 Hz	460 V	0.75 kW	1140 r/min	1.71 A	0.670	79.60 %	6.20 N-m	4.50

Frame Material	Aluminum
Frame Size	90
Frequency (f)	50 Hz
Gross Weight	21 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 77.6 % Partial Load (75%) 78.0 % Partial Load (50%) 75.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 79.6 % Partial Load (75%) 79.2 % Partial Load (50%) 75.4 %
IM Class	IMB14 IM3601
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 90LB 6
IP Class	IP55
Made To Order	No
Medium Description	0.75kW, 6 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA093520-CDE)
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Output Power	0.75 kW
Package Level 1 Units	0 carton
Pre Modified Motor Product ID	3GAA093520-BDE
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	309.5 mm
Product Net Height	217 mm
Product Net Weight	18 kg
Product Net Width	177 mm
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	0.75kW, 6P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB14/IM3601
Stocked At (Warehouses)	Shanghai, China
Temperature Class Default	--
Terminator Box Location	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 → General Performance Motors → IE2 High Efficiency Aluminum Motors
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

