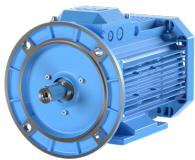




PRODUCT-DETAILS

# 3GAA093520-HSE

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



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

Ordering	
ABB Type Designation	M3AA 90LB 6
Invoice Description	M3AA 90LB 6
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	Finland (FI) China (CN)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Shanghai, China
Medium Description	0.75kW, 6 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB35/IM2001 Mounting (3GAA093520-HSE)

Short Description

0.75kW, 6P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB35/IM2001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.75 kW	930 r/min	1.94 A	0.710	77.60 %	7.70 N·m	4.00
D	--	50 Hz	230 V	0.75 kW	930 r/min	3.41 A	0.710	77.60 %	7.70 N·m	4.00
Y	--	60 Hz	460 V	0.75 kW	1140 r/min	1.71 A	0.700	76.90 %	6.20 N·m	4.50

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	0.75 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 77.6 % Partial Load (75%) 78.6 % Partial Load (50%) 76.3 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 76.9 % Partial Load (75%) 76.4 % Partial Load (50%) 72.1 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	309.5 mm
Product Net Height	217 mm
Product Net Width	177 mm
Product Net Weight	18 kg

Gross Weight	21 kg
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Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

UNSPSC	26101100
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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

