

PRODUCT-DETAILS

# 3GAA132310-CSE

## IE2 High Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA132310-CSE)



### General Information

Product ID	3GAA132310-CSE
ABB Type Designation	M3AA 132MA 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 7.5 kW, 400 V (3GAA132310-CSE)

### Additional Information

ABB Type Designation	M3AA 132MA 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
Connection Configuration	Y
Country of Origin	Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015220
Direction of Rotation	Both sides

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	7.50 kW	1460 r/min	14.70 A	0.790	88.70 %	49.00 N·m	6.40
D	--	50 Hz	230 V	7.50 kW	1460 r/min	25.70 A	0.790	88.70 %	49.00 N·m	6.40
Y	--	60 Hz	460 V	7.50 kW	1764 r/min	12.80 A	0.810	89.50 %	40.60 N·m	7.50

Frame Material	Aluminum
Frame Size	132
Frequency (f)	50 Hz

Gross Weight	64 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 88.7 % Partial Load (75%) 89.5 % Partial Load (50%) 89.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 89.5 % Partial Load (75%) 89.6 % Partial Load (50%) 88.3 %
IM Class	IMB14 IM3601
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 132MA 4
IP Class	IP55
Made To Order	No
Medium Description	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA132310-CSE)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	7.5 kW
Package Level 1 Units	0 carton
Pre Modified Motor	3GAA132310-BSE
Product ID	
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	447 mm
Product Net Height	296 mm
Product Net Weight	59 kg
Product Net Width	262 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	7.5kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB14/IM3601
Stocked At (Warehouses)	Shanghai, China
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
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

