

PRODUCT-DETAILS

3GAA094500-CDE

M3AA 90L 8



General Information

Product ID	3GAA094500-CDE
ABB Type Designation	M3AA 90L 8
Catalog Description	M3AA 90L 8

Additional Information

ABB Type Designation	M3AA 90L 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
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	0.55 kW	700 r/min	1.33 A	0.520	61.70 %	7.50 N·m	3.00
D	--	50 Hz	400 V	0.55 kW	700 r/min	2.32 A	0.520	61.70 %	7.50 N·m	3.00
D	--	60 Hz	460 V	0.55 kW	860 r/min	2.16 A	0.460	62.00 %	6.10 N·m	3.30

Gross Weight	19 kg
IC Class	IC411

IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 61.7 % Partial Load (75%) 59.7 % Partial Load (50%) 52.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 62.0 % Partial Load (75%) 58.9 % Partial Load (50%) 50.4 %
IM Class	IMB14 IM3601
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 90L 8
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Package Level 1 Units	0 carton
Pre Modified Motor Product ID	3GAA094500-BDE
Product Name	3-Phase squirrel cage motor
Product Net Weight	16 kg
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA094062-CDA
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Stocked At (Warehouses)	Menden, Germany 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



