

PRODUCT-DETAILS

3GAA101312-CDE

(3GAA101312-CDE)

"No longer for sale" replaced by 3GAA101520-



General Information

Product ID	3GAA101312-CDE
ABB Type Designation	M3AA 100LB 2
Catalog Description	(3GAA101312-CDE)

Ordering

ABB Type Designation	M3AA 100LB 2
Invoice Description	M3AA 100LB 2
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	Spain (ES) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA101312-CSC

Electrical

Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	3.00 kW	2920 r/min	3.30 A	0.860	86.40 %	9.80 N·m	9.30
D	--	50 Hz	400 V	3.00 kW	2920 r/min	5.80 A	0.860	86.40 %	9.80 N·m	9.30
D	--	60 Hz	460 V	3.00 kW	3530 r/min	5.10 A	0.840	87.50 %	8.10 N·m	10.00
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 86.4 % Partial Load (75%) 86.0 % Partial Load (50%) 83.9 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 87.5 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										2
Two Speed Motor										No
Type of Duty										S1
Voltage Code										D

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	24 kg
Gross Weight	24.65 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

