



PRODUCT-DETAILS

3GAA101002-ASE

No Description Available

"No longer for sale" replaced by 3GAA101560-

General Information

Product ID	3GAA101002-ASE
ABB Type Designation	M3AA 100LB 2 HO
Catalog Description	No Description Available

Ordering

ABB Type Designation	M3AA 100LB 2 HO
Product Name	3-Phase squirrel cage motor
Product Type	3AA1 M3AA IE1_AA
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL) Sweden (SE) Romania (RO)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA101002-ASA

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	4.00 kW	2880 r/min	7.90 A	0.860	84.30 %	13.20 N·m	8.00
D	--	50 Hz	230 V	4.00 kW	2880 r/min	13.70 A	0.860	84.30 %	13.20 N·m	8.00
Y	--	60 Hz	460 V	4.00 kW	3500 r/min	6.60 A	0.870	86.30 %	10.90 N·m	9.50

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 84.3 % Partial Load (75%) 86.1 % Partial Load (50%) 85.7 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 86.3 % Partial Load (75%) 86.9 %

	Partial Load (50%) 85.5 %
IP Class	IP55
Insulation Class	ICLF
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	25 kg
Gross Weight	30 kg

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors  
Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Global Motors  
Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors