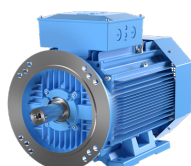


PRODUCT-DETAILS

3GAA252051-BDL

(3GAA252051-BDL)

"No longer for sale" replaced by 3GAA252210-



General Information

Product ID	3GAA252051-BDL
ABB Type Designation	M3AA 250SMA 4
Catalog Description	(3GAA252051-BDL)

Ordering

ABB Type Designation	M3AA 250SMA 4
Invoice Description	M3AA 250SMA 4
Product Name	3-Phase squirrel cage motor
Product Type	5AA3_M3AA_IE3_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Sweden (SE) Poland (PL)
Customs Tariff Number	85015290
Medium Description	55kW, 4 Poles, Frame Size 250, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA252051-BDL)
Short Description	55kW, 4P, Frame Size 250, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	400 V	55.00 kW	1478 r/min	99.90 A	0.840
Y	--	50 Hz	690 V	55.00 kW	1478 r/min	57.90 A	0.840
D	--	50 Hz	415 V	55.00 kW	1480 r/min	98.60 A	0.820

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 94.6 % Partial Load (75%) 95.1 % Partial Load (50%) 94.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	250
Bearing	6315-2Z/C3
Bearing NDE	6212-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	332 kg
Gross Weight	342 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

