

PRODUCT-DETAILS

3GAA182420-ADF

M2AA 180MLB 4



General Information

Product ID	3GAA182420-ADF
ABB Type Designation	M2AA 180MLB 4
Catalog Description	M2AA 180MLB 4

Additional Information

ABB Type Designation	M2AA 180MLB 4
Bearing	6210-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	Spain (ES) Poland (PL)
Customs Tariff Number	85015230
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	22.00 kW	1465 r/min	24.20 A	0.830	91.60 %	143.00 N·m	8.00
D	--	50 Hz	400 V	22.00 kW	1465 r/min	41.70 A	0.830	91.60 %	143.00 N·m	8.00
D	--	50 Hz	415 V	22.00 kW	1468 r/min	41.20 A	0.810	91.60 %	143.00 N·m	8.40
D	--	60 Hz	460 V	22.00 kW	1771 r/min	36.40 A	0.820	92.40 %	118.00 N·m	9.00

Gross Weight	147 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 91.6 % Partial Load (75%) 92.2 % Partial Load (50%) 91.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 92.4 % Partial Load (75%) 92.6 % Partial Load (50%) 91.3 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 180MLB 4
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	137 kg
Product Type	2AA2__M2AA__IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA182044-ADG 3GAA182062-ADA
Selling Unit of Measure	piece
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
UNSPSC	26101100
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

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



