PRODUCT-DETAILS

3GAA161440-BDK

M3AA 160MLD 2

General Information

Product ID	3GAA161440-BDK
ABB Type Designation	M3AA 160MLD 2
Catalog Description	M3AA 160MLD 2

Additional Information

ABB Type Designation	M3AA 160MLD 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	Finland (FI) China (CN) 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	2944 r/min	22.00 A	0.900	92.70 %	71.36 N·m	8.40
D	--	50 Hz	400 V	22.00 kW	2944 r/min	38.00 A	0.900	92.70 %	71.36 N·m	8.40
Y	--	50 Hz	660 V	22.00 kW	2934 r/min	22.80 A	0.910	92.70 %	71.60 N·m	7.60
D	--	50 Hz	380 V	22.00 kW	2934 r/min	39.60 A	0.910	92.70 %	71.60 N·m	7.60
D	--	50 Hz	415 V	22.00 kW	2949 r/min	37.00 A	0.890	92.70 %	71.24 N·m	9.00
D	--	60 Hz	460 V	22.00 kW	3552 r/min	32.90 A	0.900	92.90 %	59.15 N·m	9.70

Gross Weight	141 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.7 % Partial Load (75%) 93.4 % Partial Load (50%) 93.2 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 92.9 % Partial Load (75%) 93.2 % Partial Load (50%) 92.5 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 160MLD 2
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	131 kg
Product Type	3AA3__M3AA_IE3_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA161054-BDK
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
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 → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors