

PRODUCT-DETAILS

3GAA203420-BDK

IE3 Premium Efficiency Aluminum Motor, 22 kW, 400 V (3GAA203420-BDK)



General Information

Product ID	3GAA203420-BDK
ABB Type Designation	M3AA 200MLB 6
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 22 kW, 400 V (3GAA203420-BDK)

Additional Information

ABB Type Designation	M3AA 200MLB 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6312-2Z/C3
Bearing NDE	6210-2Z/C3
Connection Configuration	D
Country of Origin	Finland (FI) 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	990 r/min	24.90 A	0.790	92.20 %	212.00 N·m	7.80
D	--	50 Hz	400 V	22.00 kW	990 r/min	43.00 A	0.790	92.20 %	212.00 N·m	7.80
Y	--	50 Hz	660 V	22.00 kW	988 r/min	25.20 A	0.820	92.20 %	212.00 N·m	7.20
D	--	50 Hz	380 V	22.00 kW	988 r/min	43.70 A	0.820	92.20 %	212.00 N·m	7.20
D	--	50 Hz	415 V	22.00 kW	991 r/min	43.20 A	0.760	92.20 %	212.00 N·m	8.10
D	--	60 Hz	460 V	22.00 kW	1191 r/min	37.70 A	0.780	93.80 %	176.00 N·m	8.80

Frame Material	Aluminum
Frame Size	200
Frequency (f)	50 Hz
Gross Weight	255 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.2 % Partial Load (75%) 92.5 % Partial Load (50%) 91.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 93.8 % Partial Load (75%) 93.8 % Partial Load (50%) 92.8 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3AA 200MLB 6
IP Class	IP55
Made To Order	No
Medium Description	22kW, 6 Poles, Frame Size 200, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA203420-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Output Power	22 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	821 mm
Product Net Height	532 mm
Product Net Weight	245 kg
Product Net Width	380 mm
Product Type	3AA3__M3AA_IE3_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA203052-BDK
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	22kW, 6P, Frame Size 200, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
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

