



PRODUCT-DETAILS

3GBP163420-ADKBU1
(3GBP163420-ADKBU1)



General Information	
Product ID	3GBP163420-ADKBU1
ABB Type Designation	M3BP 160MLB 6
Catalog Description	(3GBP163420-ADKBU1)

Ordering	
ABB Type Designation	M3BP 160MLB 6
Invoice Description	M3BP 160MLB 6
Product Name	3-Phase squirrel cage motor
Product Type	3BP3_M3BP_IE3_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015230

Electrical

Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	400 V	11.00 kW	979 r/min	23.50 A	0.740	90.30 %	107.00 N·m	8.50
D	--	50 Hz	380 V	11.00 kW	976 r/min	23.80 A	0.770	90.30 %	107.00 N·m	7.90
D	--	50 Hz	415 V	11.00 kW	981 r/min	23.60 A	0.710	90.30 %	107.00 N·m	8.80
D	--	60 Hz	440 V	11.00 kW	1181 r/min	20.90 A	0.750	91.70 %	88.90 N·m	8.80
D	--	60 Hz	460 V	11.00 kW	1183 r/min	20.60 A	0.730	91.70 %	88.70 N·m	9.40
Temperature Class										
Default										
Altitude										
1000 m										
Ambient Temperature										
40 °C										
IC Class										
IC411										
IE Class Data (50 Hz)										
IE Class IE3										
Full Load (100%) 90.3 %										
Partial Load (75%) 90.7 %										
Partial Load (50%) 89.6 %										
IE Class Data (60 Hz)										
IE Class IE3										
Full Load (100%) 91.7 %										
Partial Load (75%) 91.7 %										
Partial Load (50%) 90.5 %										
IP Class										
IP55										
Insulation Class										
ICLF										
Direction of Rotation										
Both sides										
Number of Poles (High)										
6										
Two Speed Motor										
No										
Type of Duty										
S1										
Voltage Code										
D										

Mechanical

Frame Material	Cast Iron
Frame Size	160
Bearing	NU309EC/C3
Bearing NDE	6209/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	198.7 kg
Gross Weight	208.7 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Classifications	
UNSPSC	26101100

Categories
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

