



PRODUCT-DETAILS

3GAA118303-BDB

M3AA 112M 6-12

"No longer for sale" replaced by 3GAA118300-

General Information																																												
Product ID								3GAA118303-BDB																																				
ABB Type Designation								M3AA 112M 6-12																																				
Catalog Description								M3AA 112M 6-12																																				
Additional Information																																												
ABB Type Designation								M3AA 112M 6-12																																				
Altitude								1000 m																																				
Ambient Temperature								40 °C																																				
Bearing								6206-2Z/C3																																				
Bearing NDE								6206-2Z/C3																																				
Country of Origin								Finland (FI) Poland (PL)																																				
Customs Tariff Number								85015220																																				
Direction of Rotation								Both sides																																				
Electrical Data																																												
<table><tr><th>Conn</th><th>Temp Class</th><th>Freq</th><th>Voltage</th><th>Power</th><th>Speed</th><th>Current</th><th>Power Factor</th><th>Efficiency</th><th>Torque</th><th>IS/IN</th></tr><tr><td>YY</td><td>--</td><td>50 Hz</td><td>400 V</td><td>2.20 kW</td><td>940 r/min</td><td>5.60 A</td><td>0.770</td><td>75.00 %</td><td>22.30 N·m</td><td>4.50</td></tr><tr><td>Y</td><td>--</td><td>50 Hz</td><td>400 V</td><td>0.37 kW</td><td>470 r/min</td><td>2.20 A</td><td>0.460</td><td>47.00 %</td><td>7.50 N·m</td><td>1.90</td></tr></table>												Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	YY	--	50 Hz	400 V	2.20 kW	940 r/min	5.60 A	0.770	75.00 %	22.30 N·m	4.50	Y	--	50 Hz	400 V	0.37 kW	470 r/min	2.20 A	0.460	47.00 %	7.50 N·m	1.90
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Frame Material								Aluminum																																				
Frame Size								112																																				
Gross Weight								38 kg																																				
IC Class								IC411																																				
IE Class Data (50 Hz)								IE Class NA Full Load (100%) 47.0 % Partial Load (75%) 41.4 % Partial Load (50%) 37.6 %																																				
IM Class								IMB5 IM3001																																				
Insulation Class								ICLF																																				
Invoice Description								M3AA 112M 6-12																																				
IP Class								IP55																																				
Made To Order								No																																				
Minimum Order Quantity								1 piece																																				
Number of Poles (High)								6																																				

Number of Poles (Low)	12
Order Multiple	1 piece
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	33 kg
Product Type	3AA2__M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA118127-BDB
Replacement Product ID (NEW)	3GAA118300-BDB
Selling Unit of Measure	piece
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	Yes
UNSPSC	26101100
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)