



PRODUCT-DETAILS

3GBA101212-AFB

No Description Available

General Information																																												
Product ID						3GBA101212-AFB																																						
ABB Type Designation						M2BA 100LB 2																																						
Catalog Description						No Description Available																																						
Additional Information																																												
ABB Type Designation						M2BA 100LB 2																																						
Altitude						1000 m																																						
Ambient Temperature						40 °C																																						
Bearing						6206-2Z/C3																																						
Bearing NDE						6205-2Z/C3																																						
Country of Origin						India (IN) China (CN)																																						
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>Y</td><td>--</td><td>50 Hz</td><td>500 V</td><td>3.00 kW</td><td>2925 r/min</td><td>4.70 A</td><td>0.860</td><td>85.20 %</td><td>9.70 N·m</td><td>9.10</td></tr><tr><td>Y</td><td>--</td><td>60 Hz</td><td>575 V</td><td>3.00 kW</td><td>3530 r/min</td><td>3.90 A</td><td>0.870</td><td>87.50 %</td><td>8.10 N·m</td><td>10.50</td></tr></table>												Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	Y	--	50 Hz	500 V	3.00 kW	2925 r/min	4.70 A	0.860	85.20 %	9.70 N·m	9.10	Y	--	60 Hz	575 V	3.00 kW	3530 r/min	3.90 A	0.870	87.50 %	8.10 N·m	10.50
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Frame Material						Cast Iron																																						
Frame Size						100																																						
Gross Weight						37 kg																																						
IC Class						IC411																																						
IE Class Data (50 Hz)						IE Class IE2 Full Load (100%) 85.2 % Partial Load (75%) 84.9 % Partial Load (50%) 82.8 %																																						
IE Class Data (60 Hz)						IE Class IE2 Full Load (100%) 87.5 %																																						
IM Class						IMB3 IM1001																																						
Insulation Class						ICLF																																						
IP Class						IP55																																						
Lubrication						For life																																						

Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	36 kg
Product Type	2BA2__M2BA_IE2_CI
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
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	F
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)