

PRODUCT-DETAILS

3GBA102520-BDCIN

(3GBA102520-BDCIN)



General Information	
Product ID	3GBA102520-BDCIN
ABB Type Designation	M2BAX 100LB 4
Catalog Description	(3GBA102520-BDCIN)

Ordering	
ABB Type Designation	M2BAX 100LB 4
Invoice Description	M2BAX 100LB 4
Product Name	3-Phase squirrel cage motor
Product Type	IBA2__M2BAX_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	India (IN)
Customs Tariff Number	85015220

Electrical	
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	415 V	3.00 kW	1446 r/min	6.55 A	0.740	85.50 %	19.81 N·m	7.50
Temperature Class										--
Default										
Altitude										1000 m
Ambient Temperature										50 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 85.5 % Partial Load (75%) 84.7 % Partial Load (50%) 82.4 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 87.5 % Partial Load (75%) 87.4 % Partial Load (50%) 85.3 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
Two Speed Motor										No
Type of Duty										S1
Voltage Code										D

Mechanical	
Frame Material	Cast Iron
Frame Size	100
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions	
Package Level 1 Units	0 carton
Product Net Weight	35 kg
Gross Weight	40 kg

Classifications	
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

