

PRODUCT-DETAILS

3GBA162490-BDNIN

IE4 Super Premium Efficiency Cast Iron Motors, 9,3 kW, 415 V (3GBA162490-BDNIN)



General Information	
Product ID	3GBA162490-BDNIN
ABB Type Designation	M2BAX 160MLJ 4
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 9,3 kW, 415 V (3GBA162490-BDNIN)

Ordering	
ABB Type Designation	M2BAX 160MLJ 4
Invoice Description	M2BAX 160MLJ 4
Product Name	3-Phase squirrel cage motor
Product Type	IBA4__M2BAX_IE4_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	85015230
Medium Description	9.3kW, 4 Poles, Frame Size 160, 3 Phases, 415V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA162490-BDNIN)
Short Description	9.3kW, 4P, Frame Size 160, 3PH, 415V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	415 V	9.30 kW	1475 r/min	18.00 A	0.780	93.00 %	60.22 N·m	8.00
Connection Configuration										D
Temperature Class Default										--
Input Voltage (U _{in})										415 V
Frequency (f)										50 Hz
Output Power										9,3 kW
Altitude										1000 m
Ambient Temperature										50 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE4 Full Load (100%) 93.0 % Partial Load (75%) 93.1 % Partial Load (50%) 92.2 %
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	160
Bearing	6209-2Z/C3
Bearing NDE	6209-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	683.5 mm
Product Net Height	414 mm
Product Net Width	310 mm
Product Net Weight	131 kg
Gross Weight	141 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

