



 PRODUCT-DETAILS

3GBA163420-ADNIN

IE4 Super Premium Efficiency Cast Iron Motors, 11 kW, 415 V (3GBA163420-ADNIN)



General Information

Product ID	3GBA163420-ADNIN
ABB Type Designation	M2BAX 160MLB 6
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 11 kW, 415 V (3GBA163420-ADNIN)

Ordering

ABB Type Designation	M2BAX 160MLB 6
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	11kW, 6 Poles, Frame Size 160, 3 Phases, 415V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA163420-ADNIN)
Short Description	11kW, 6P, Frame Size 160, 3PH, 415V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	415 V	11.00 kW	976 r/min	23.00 A	0.740	92.30 %	107.70 N-m	7.00

Connection Configuration D

Temperature Class Default --

Input Voltage (U_{in}) 415 V

Frequency (f) 50 Hz

Output Power 11 kW

Altitude 1000 m

Ambient Temperature 50 °C

IC Class IC411

IE Class Data (50 Hz) IE Class IE4
Full Load (100%) 92.3 %
Partial Load (75%) 92.4 %
Partial Load (50%) 91.6 %

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 6209-2Z C3

Bearing NDE 6209-2Z C3

IM Class IMB3 IM1001

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 172 kg

Gross Weight 182 kg

Classifications

UNSPSC 26101100

Categories

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

