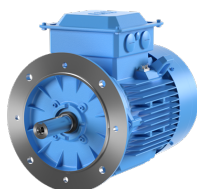


PRODUCT-DETAILS

3GBA161430-BDNIN

IE4 Super Premium Efficiency Cast Iron Motors, 18,5 kW, 415 V (3GBA161430-BDNIN)



General Information

Product ID	3GBA161430-BDNIN
ABB Type Designation	M2BAX 160MLC 2
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 18.5 kW, 415 V (3GBA161430-BDNIN)

Ordering

ABB Type Designation	M2BAX 160MLC 2
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	18.5kW, 2 Poles, Frame Size 160, 3 Phases, 415V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA161430-BDNIN)
Short Description	18.5kW, 2P, 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	18.50 kW	2945 r/min	31.10 A	0.890	93.70 %	60.00 N·m	8.50
Connection Configuration										D
Temperature Class										--
Default										
Input Voltage (U _{in})										415 V
Frequency (f)										50 Hz
Output Power										18,5 kW
Altitude										1000 m
Ambient Temperature										50 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE4
										Full Load (100%) 93.7 %
										Partial Load (75%) 93.9 %
										Partial Load (50%) 93.5 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										2
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	155 kg
Gross Weight	165 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

