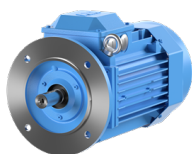




PRODUCT-DETAILS

3GBP103420-BSL**IE3 Premium Efficiency Cast Iron Motors, 1.5 kW, 400 V (3GBP103420-BSL)****General Information**

Product ID	3GBP103420-BSL
ABB Type Designation	M3BP 100MLB 6
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 1.5 kW, 400 V (3GBP103420-BSL)

Ordering

ABB Type Designation	M3BP 100MLB 6
Invoice Description	M3BP 100MLB 6
Product Name	3-Phase squirrel cage motor
Product Type	5BP3 M3BP CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015220
Stocked At	Shanghai, China

(Warehouses)

Medium Description	1.5kW, 6 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP103420-BSL)
Short Description	1.5kW, 6P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	1.50 kW	960 r/min	3.80 A	0.680	82.50 %	14.90 N-m	5.40
D	--	50 Hz	230 V	1.50 kW	960 r/min	6.58 A	0.680	82.50 %	14.90 N-m	5.40
Y	--	50 Hz	415 V	1.50 kW	963 r/min	3.80 A	0.650	82.50 %	14.90 N-m	5.70

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	1.5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 82.5 % Partial Load (75%) 82.5 % Partial Load (50%) 80.1 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 85.2 % Partial Load (75%) 85.0 % Partial Load (50%) 82.9 %
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	S

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 Depth / Length	381 mm
Product Net Height	247 mm

Product Net Width	200 mm
Product Net Weight	41 kg
Gross Weight	46 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

UNSPSC	26101100 39120000
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

