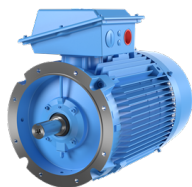




## PRODUCT-DETAILS

**3GBA313220-BDM188****IE3 Premium Efficiency Cast Iron Motors, 75 kW, 400 V (3GBA313220-BDM188)****General Information**

Product ID	3GBA313220-BDM188
ABB Type Designation	M2BAX 315SMB 6
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 75 kW, 400 V (3GBA313220-BDM188)

**Ordering**

ABB Type Designation	M2BAX 315SMB 6
Invoice Description	M2BAX 315SMB 6
Product Name	3-Phase squirrel cage motor
Product Type	EBA3_M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Poland (PL)
Customs Tariff Number	85015290
Medium Description	75W, 6 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA313220-BDM188)

Short Description

75kW, 6P, Frame Size 315, 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	690 V	75.00 kW	994 r/min	79.00 A	0.840	94.60 %	720.00 N-m	6.80
D	--	50 Hz	400 V	75.00 kW	994 r/min	136.00 A	0.840	94.60 %	720.00 N-m	6.80
Y	--	50 Hz	660 V	75.00 kW	993 r/min	81.60 A	0.850	94.60 %	720.00 N-m	6.10
D	--	50 Hz	380 V	75.00 kW	993 r/min	142.00 A	0.850	94.60 %	720.00 N-m	6.10

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	75 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 94.6 % Partial Load (75%) 94.9 % Partial Load (50%) 94.5 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.7 % Partial Load (50%) 93.6 %
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	315
Bearing	6319/C3
Bearing NDE	6316/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	1246 mm

Product Net Height	849 mm
Product Net Width	644 mm
Product Net Weight	791 kg
Gross Weight	811 kg

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### Environmental

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WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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### Classifications

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UNSPSC	26101100
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### Categories

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

