



PRODUCT-DETAILS

3GBP222230-BDKSN02

(3GBP222230-BDKSN02)



General Information

Product ID	3GBP222230-BDKSN02
ABB Type Designation	M3BP 225SMC 4
Catalog Description	(3GBP222230-BDKSN02)

Ordering

ABB Type Designation	M3BP 225SMC 4
Invoice Description	M3BP 225SMC 4
Product Name	3-Phase squirrel cage motor
Product Type	3BP3_M3BP_IE3_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
Stocked At (Warehouses)	Menden, Germany

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	60 Hz	440 V	55.00 kW	1781 r/min	91.10 A	0.830	95.40 %	294.00 N-m	9.00
D	--	60 Hz	460 V	55.00 kW	1783 r/min	90.00 A	0.810	95.40 %	294.00 N-m	9.80
D	--	60 Hz	480 V	55.00 kW	1784 r/min	89.50 A	0.780	95.40 %	294.00 N-m	10.70

Temperature Class

Default

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Altitude

1000 m

Ambient Temperature

40 °C

IC Class

IC411

IE Class Data (60 Hz)

IE Class IE3

Full Load (100%) 95.4 %

Partial Load (75%) 95.0 %

Partial Load (50%) 94.2 %

IP Class

IP55W

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

225

Bearing

6315/C3

Bearing NDE

6212/C3

IM Class

IMB5 IM3001

Terminator Box Location

D-End top

Dimensions

Package Level 1 Units

0 pallet (lift)

Product Net Weight

391 kg

Gross Weight

401 kg

Environmental

WEEE Category

4. Large Equipment (Any External Dimension More Than 50 cm)

Classifications

UNSPSC

26101100

Categories

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

