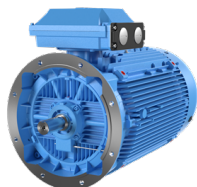




## PRODUCT-DETAILS

**3GGP282220-BFG****M3GP 280SMB 4****General Information**

Product ID	3GGP282220-BFG
ABB Type Designation	M3GP 280SMB 4
Catalog Description	M3GP 280SMB 4

**Ordering**

ABB Type Designation	M3GP 280SMB 4
Invoice Description	M3GP 280SMB 4
Product Name	3-Phase squirrel cage motor
Product Type	3GP2_M3GP_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015381

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed
Y	T3	50 Hz	500 V	90.00 kW	1500 r/min

Temperature Class Default	T3
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 94.0 % Partial Load (75%) 94.0 % Partial Load (50%) 94.0 %
IP Class	IP55
Insulation Class	ICLF
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	F
EX-Protection	Exec
Gas Group	IIC

## Mechanical

Frame Material	Cast Iron
Frame Size	280
Bearing	6316/C3
Bearing NDE	6316/C3
IM Class	IMB5 IM3001
Terminator Box Location	Top

## Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Weight	665 kg
Gross Weight	685 kg

## Environmental

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

UNSPSC	26101100
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## Categories

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Motors and Generators → Motors and Generators for Explosive Atmospheres → Dust Ignition Proof Motors → Dust Ignition Proof IE2 LV motors

