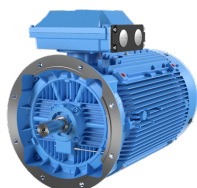


PRODUCT-DETAILS

3GGP282220-BDG

M3GP 280SMB 4



General Information

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

Additional Information

ABB Type Designation	M3GP 280SMB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316/C3
Bearing NDE	6316/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015381
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T3	50 Hz	690 V	90.00 kW	1483 r/min	93.20 A	0.850	94.70 %	579.00 N-m	7.20
D	T3	50 Hz	400 V	90.00 kW	1483 r/min	160.00 A	0.850	94.70 %	579.00 N-m	7.20
D	T3	50 Hz	415 V	90.00 kW	1484 r/min	156.00 A	0.840	94.70 %	579.00 N-m	7.70

Frame Material	Cast Iron
Frame Size	280
Gas Group	IIC
Gross Weight	685 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 94.7 % Partial Load (75%) 94.9 % Partial Load (50%) 94.2 %
IM Class	IMB5 IM3001
Insulation Class	ICLF
Invoice Description	M3GP 280SMB 4
IP Class	IP55
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Output Power	90 kW
Package Level 1 Units	1 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	665 kg
Product Type	3GP2_M3GP_IE2_CI
Quote Only	No
Selling Unit of Measure	piece
Temperature Class Default	T3
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

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

Motors and Generators → Motors and Generators for Explosive Atmospheres → Increased Safety Ex ec Zone 2 Motors → Increased Safety IE2 Ex ec Motors

