

PRODUCT-DETAILS

# 3GGP454520-BDG

## M3GP 450LB 8




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### General Information

Product ID	3GGP454520-BDG
ABB Type Designation	M3GP 450LB 8
Catalog Description	M3GP 450LB 8

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### Additional Information

ABB Type Designation	M3GP 450LB 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6326/C3
Bearing NDE	6322/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015394
Direction of Rotation	CW Clockwise

#### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T3	50 Hz	690 V	500.00 kW	744 r/min	523.00 A	0.830	93.50 %	6417.00 N-m	6.40
D	T3	50 Hz	400 V	500.00 kW	744 r/min	902.00 A	0.830	93.50 %	6417.00 N-m	6.40
D	T3	50 Hz	415 V	500.00 kW	745 r/min	888.00 A	0.810	93.50 %	6413.00 N-m	7.70

EX-Protection	Exec
Frame Material	Cast Iron
Frame Size	450

Gas Group	IIC
Gross Weight	4040 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 93.5 % Partial Load (75%) 93.6 % Partial Load (50%) 93.1 %
IM Class	IMB5 IM3001
Insulation Class	ICLF
Invoice Description	M3GP 450LB 8
IP Class	IP55
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	4000 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)

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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

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

