

PRODUCT-DETAILS

## 3GGP222220-ADL

Dust Ignition Proof IE3 LV Motors, 45 kW, 400 V (3GGP222220-ADL)



### General Information

Product ID	3GGP222220-ADL
ABB Type Designation	M3GP 225SMB 4
Catalog Description	Dust Ignition Proof IE3 LV Motors, 45 kW, 400 V (3GGP222220-ADL)

### Additional Information

ABB Type Designation	M3GP 225SMB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6313/C3
Bearing NDE	6212/C3
Connection Configuration	D
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
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	45.00 kW	1482 r/min	47.60 A	0.840	94.20 %	290.00 N-m	8.00
D	T3	50 Hz	400 V	45.00 kW	1482 r/min	82.30 A	0.840	94.20 %	290.00 N-m	8.00
D	T3	50 Hz	415 V	45.00 kW	1483 r/min	81.00 A	0.820	94.20 %	290.00 N-m	8.60

EX-Protection	Exec
Frame Material	Cast Iron
Frame Size	225
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	367 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 94.2 % Partial Load (75%) 94.3 % Partial Load (50%) 93.8 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.9 % Partial Load (50%) 95.0 %
IM Class	IMB3 IM1001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3GP 225SMB 4
IP Class	IP55
Made To Order	No
Medium Description	45kW, 4 Poles, Frame Size 225, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP222220-ADL)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	45 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	849 mm
Product Net Height	573 mm
Product Net Weight	357 kg
Product Net Width	452 mm
Product Type	5GP3 M3GP CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	45kW, 4P, Frame Size 225, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Standards	IEC 60034-1
Temperature Class Default	T3
Terminator Box Location	D-End 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 IE3 LV Motors

