

PRODUCT-DETAILS

3GGP312220-ADL

Dust Ignition Proof IE3 LV Motors, 110 kW, 400 V (3GGP312220-ADL)



General Information

Product ID	3GGP312220-ADL
ABB Type Designation	M3GP 315SMB 4
Catalog Description	Dust Ignition Proof IE3 LV Motors, 110 kW, 400 V (3GGP312220-ADL)

Additional Information

ABB Type Designation	M3GP 315SMB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6319/C3
Bearing NDE	6316/C3
Connection Configuration	D
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	110.00 kW	1489 r/min	115.00 A	0.840	95.40 %	705.00 N·m	7.00
D	T3	50 Hz	400 V	110.00 kW	1489 r/min	198.00 A	0.840	95.40 %	705.00 N·m	7.00
D	T3	50 Hz	415 V	110.00 kW	1490 r/min	193.00 A	0.830	95.40 %	705.00 N·m	7.50

EX-Protection

Exec

Frame Material

Cast Iron

Frame Size	315
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	950 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.4 % Partial Load (75%) 95.4 % Partial Load (50%) 94.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.5 % Partial Load (50%) 94.4 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3GP 315SMB 4
IP Class	IP55
Made To Order	No
Medium Description	110kW, 4 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP312220-ADL)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	110 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	1202 mm
Product Net Height	852 mm
Product Net Weight	930 kg
Product Net Width	654 mm
Product Type	5GP3 M3GP CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	110kW, 4P, Frame Size 315, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
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)

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Dust Ignition Proof Motors → Dust Ignition Proof IE3 LV Motors

