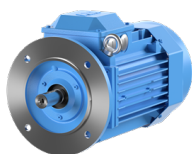




 PRODUCT-DETAILS

3GGP101410-BSL

Dust Ignition Proof IE3 LV Motors, 3 kW, 400 V (3GGP101410-BSL)



General Information

Product ID	3GGP101410-BSL
ABB Type Designation	M3GP 100MLA 2
Catalog Description	Dust Ignition Proof IE3 LV Motors, 3 kW, 400 V (3GGP101410-BSL)

Ordering

ABB Type Designation	M3GP 100MLA 2
Invoice Description	M3GP 100MLA 2
Product Name	3-Phase squirrel cage motor
Product Type	5GP3 M3GP CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220
Medium Description	3kW, 2 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GGP101410-BSL)

Short Description

3kW, 2P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T3	50 Hz	400 V	3.00 kW	2895 r/min	5.40 A	0.920	87.10 %	9.90 N·m	8.20
D	T3	50 Hz	230 V	3.00 kW	2895 r/min	9.50 A	0.920	87.10 %	9.90 N·m	8.20
Y	T3	50 Hz	415 V	3.00 kW	2901 r/min	5.20 A	0.920	87.10 %	9.90 N·m	8.90

Connection Configuration	Y
Temperature Class Default	T3
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	3 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 87.1 % Partial Load (75%) 87.6 % Partial Load (50%) 86.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 84.5 % Partial Load (75%) 84.3 % Partial Load (50%) 82.2 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S
EX-Protection	Exec
Gas Group	IIC

Mechanical

Frame Material	Cast Iron
Frame Size	100
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth /	403 mm

Length

Product Net Height	247 mm
Product Net Width	200 mm
Product Net Weight	42 kg
Gross Weight	47 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

UNSPSC	26101100
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Categories

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

