

PRODUCT-DETAILS

3GGP311410-ADK

Dust Ignition Proof IE3 LV Motors, 160 kW, 400 V (3GGP311410-ADK)



General Information

Product ID	3GGP311410-ADK
ABB Type Designation	M3GP 315MLA 2
Catalog Description	Dust Ignition Proof IE3 LV Motors, 160 kW, 400 V (3GGP311410-ADK)

Additional Information

ABB Type Designation	M3GP 315MLA 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316/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	160.00 kW	2983 r/min	155.00 A	0.900	96.20 %	512.00 N·m	7.30
D	T3	50 Hz	400 V	160.00 kW	2983 r/min	268.00 A	0.900	96.20 %	512.00 N·m	7.30
D	T3	50 Hz	415 V	160.00 kW	2983 r/min	258.00 A	0.900	96.20 %	512.00 N·m	7.80
D	T3	60 Hz	460 V	160.00 kW	3584 r/min	233.00 A	0.900	95.70 %	426.00 N·m	8.20

EX-Protection		Exec
Frame Material		Cast Iron
Frame Size		315
Frequency (f)		50 Hz
Gas Group		IIC
Gross Weight		1210 kg
IC Class		IC411
IE Class Data (50 Hz)		IE Class IE3 Full Load (100%) 96.2 % Partial Load (75%) 96.3 % Partial Load (50%) 95.9 %
IE Class Data (60 Hz)		IE Class IE3 Full Load (100%) 95.7 % Partial Load (75%) 95.6 % Partial Load (50%) 94.8 %
IM Class		IMB3 IM1001
Input Voltage (U _{in})		400 V
Insulation Class		ICLF
Invoice Description		M3GP 315MLA 2
IP Class		IP55
Made To Order		No
Medium Description	160kW, 2 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP311410-ADK)	
Minimum Order Quantity		1 piece
Number of Poles (High)		2
Output Power		160 kW
Package Level 1 Units		1 pallet (lift)
Product Name		3-Phase squirrel cage motor
Product Net Depth / Length		1172 mm
Product Net Height		852 mm
Product Net Weight		1190 kg
Product Net Width		654 mm
Product Type		3GP3_M3GP_IE3_CI
Quote Only		No
Selling Unit of Measure		piece
Short Description	160kW, 2P, Frame Size 315, 3PH, 400V, 50Hz, IP55, IMB3/IM1001	
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 IE3 LV Motors

