

PRODUCT-DETAILS

3GGP181410-BDK

Dust Ignition Proof IE3 LV Motors, 22 kW, 400 V (3GGP181410-BDK)



General Information

Product ID	3GGP181410-BDK
ABB Type Designation	M3GP 180MLA 2
Catalog Description	Dust Ignition Proof IE3 LV Motors, 22 kW, 400 V (3GGP181410-BDK)

Additional Information

ABB Type Designation	M3GP 180MLA 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310/C3
Bearing NDE	6209/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	22.00 kW	2957 r/min	21.70 A	0.910	92.70 %	71.00 N·m	8.10
D	T3	50 Hz	400 V	22.00 kW	2957 r/min	37.40 A	0.910	92.70 %	71.00 N·m	8.10
Y	T3	50 Hz	660 V	22.00 kW	2952 r/min	22.90 A	0.910	92.70 %	71.00 N·m	7.20
D	T3	50 Hz	380 V	22.00 kW	2952 r/min	39.50 A	0.910	92.70 %	71.00 N·m	7.20
D	T3	50 Hz	415 V	22.00 kW	2961 r/min	36.00 A	0.910	92.70 %	71.00 N·m	8.70
D	T3	60 Hz	460 V	22.00 kW	3563 r/min	32.50 A	0.910	91.70 %	58.90 N·m	9.20

Frame Material	Cast Iron
Frame Size	180
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	244 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.7 % Partial Load (75%) 93.0 % Partial Load (50%) 92.7 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.7 % Partial Load (75%) 91.8 % Partial Load (50%) 90.8 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3GP 180MLA 2
IP Class	IP55
Made To Order	No
Medium Description	22kW, 2 Poles, Frame Size 180, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GGP181410-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	22 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	726 mm
Product Net Height	461 mm
Product Net Weight	234 kg
Product Net Width	381 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	22kW, 2P, Frame Size 180, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
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)

Categories

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

