

PRODUCT-DETAILS

3GGP182420-ADK

M3GP 180MLB 4



General Information

Product ID	3GGP182420-ADK
ABB Type Designation	M3GP 180MLB 4
Catalog Description	M3GP 180MLB 4

Additional Information

ABB Type Designation	M3GP 180MLB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310/C3
Bearing NDE	6209/C3
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015230
Direction of Rotation	Both sides
EX-Protection	Exec
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	1480 r/min	24.10 A	0.820	93.30 %	141.00 N-m	8.20
D	T3	50 Hz	400 V	22.00 kW	1480 r/min	41.50 A	0.820	93.30 %	141.00 N-m	8.20
Y	T3	50 Hz	660 V	22.00 kW	1477 r/min	24.60 A	0.840	93.00 %	141.00 N-m	7.50
D	T3	50 Hz	380 V	22.00 kW	1477 r/min	42.70 A	0.840	93.00 %	141.00 N-m	7.50
D	T3	50 Hz	415 V	22.00 kW	1482 r/min	40.90 A	0.800	93.40 %	141.00 N-m	8.60
D	T3	60 Hz	460 V	22.00 kW	1783 r/min	35.80 A	0.820	93.80 %	117.00 N-m	9.30

Gas Group	IIC
Gross Weight	245 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 93.0 % Partial Load (75%) 94.1 % Partial Load (50%) 94.3 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 93.8 % Partial Load (75%) 94.2 % Partial Load (50%) 93.7 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3GP 180MLB 4
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	235 kg
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Stocked At (Warehouses)	Menden, Germany
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

