
PRODUCT-DETAILS

3GKP182410-BDL

M3KP 180MLA 4



General Information

Product ID	3GKP182410-BDL
ABB Type Designation	M3KP 180MLA 4
Catalog Description	M3KP 180MLA 4

Additional Information

ABB Type Designation	M3KP 180MLA 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310/C3
Bearing NDE	6310/C3
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015230
EX-Protection	Exde
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Efficiency Factor	Torque	IS/IN
Y	T4	50 Hz	690 V	18.50 kW	1481 r/min	20.10 A	0.830 92.60 %	119.30 N·m	7.20
D	T4	50 Hz	400 V	18.50 kW	1481 r/min	34.90 A	0.830 92.60 %	119.30 N·m	7.20
D	T4	50 Hz	415 V	18.50 kW	1482 r/min	33.80 A	0.820 92.60 %	119.17 N·m	7.80
D	T4	60 Hz	440 V	18.50 kW	1781 r/min	31.20 A	0.830 93.60 %	99.14 N·m	7.60
D	T4	60 Hz	460 V	18.50 kW	1783 r/min	30.30 A	0.820 93.60 %	99.04 N·m	8.40

Gas Group	IIB
Gross Weight	295 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.6 % Partial Load (75%) 93.1 % Partial Load (50%) 92.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 93.6 % Partial Load (75%) 93.7 % Partial Load (50%) 93.1 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3KP 180MLA 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	285 kg
Product Type	5KP3__M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Stocked At (Warehouses)	Central Stock Europe
Temperature Class Default	T4
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
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 → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

