

PRODUCT-DETAILS

3GKP251210-BDG**M3KP 250SMA 2****General Information**

Product ID	3GKP251210-BDG
ABB Type Designation	M3KP 250SMA 2
Catalog Description	M3KP 250SMA 2

Additional Information

ABB Type Designation	M3KP 250SMA 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6315/C3
Bearing NDE	6313/C3
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015290
Direction of Rotation	Both sides
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	55.00 kW	2975 r/min	54.80 A	0.890 94.20 %	176.00 N·m	7.20
D	T4	50 Hz	400 V	55.00 kW	2975 r/min	95.10 A	0.890 94.20 %	176.00 N·m	7.20
D	T4	50 Hz	415 V	55.00 kW	2977 r/min	94.10 A	0.860 94.20 %	176.70 N·m	7.70
D	T4	60 Hz	460 V	55.00 kW	3579 r/min	83.10 A	0.890 93.50 %	147.05 N·m	8.00

Gas Group	IIB
Gross Weight	450 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 94.2 % Partial Load (75%) 94.1 % Partial Load (50%) 93.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 93.5 % Partial Load (75%) 93.1 % Partial Load (50%) 91.5 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3KP 250SMA 2
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Output Power	55 kW
Package Level 1 Units	1 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	440 kg
Product Type	3KP2__M3KP_IE2_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
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 IE2 High Efficiency LV Motors

