

PRODUCT-DETAILS

3GKP281230-BDL

M3KP 280SMC 2



General Information

Product ID	3GKP281230-BDL
ABB Type Designation	M3KP 280SMC 2
Catalog Description	M3KP 280SMC 2

Additional Information

ABB Type Designation	M3KP 280SMC 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316/C3
Bearing NDE	6316/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015381
Direction of Rotation	Both sides
EX-Protection	Exdbeb
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	90.00 kW	2975 r/min	90.00 A	0.880	95.00 %	289.00 N·m	6.40
D	T4	50 Hz	400 V	90.00 kW	2975 r/min	158.00 A	0.880	95.00 %	289.00 N·m	6.40
D	T4	50 Hz	415 V	90.00 kW	2977 r/min	151.00 A	0.870	95.00 %	288.00 N·m	6.90

Gas Group	IIB
Gross Weight	735 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.9 % Partial Load (50%) 94.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.6 % Partial Load (50%) 93.2 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3KP 280SMC 2
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	715 kg
Product Type	5KP3__M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
Temperature Class Default	T4
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 → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors



