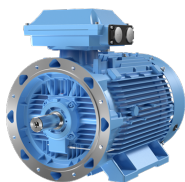


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PRODUCT-DETAILS

# 3GKP281230-BDK

## M3KP 280SMC 2




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### General Information

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

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### 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	2981 r/min	88.70 A	0.880	95.00 %	288.00 N-m	8.00
D	T4	50 Hz	400 V	90.00 kW	2981 r/min	153.00 A	0.880	95.00 %	288.00 N-m	8.00
Y	T4	50 Hz	660 V	90.00 kW	2978 r/min	91.80 A	0.890	95.00 %	288.00 N-m	7.30
D	T4	50 Hz	380 V	90.00 kW	2978 r/min	159.00 A	0.890	95.00 %	288.00 N-m	7.30
D	T4	50 Hz	415 V	90.00 kW	2982 r/min	149.00 A	0.870	95.00 %	288.00 N-m	8.60
D	T4	60 Hz	460 V	90.00 kW	3582 r/min	133.00 A	0.880	95.00 %	240.00 N-m	9.00

Gas Group	IIB
Gross Weight	776 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.8 % Partial Load (50%) 93.9 %
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	756 kg
Product Type	3KP3_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

