

PRODUCT-DETAILS

3GKP281220-BDK

M3KP 280SMB 2



General Information

Product ID	3GKP281220-BDK
ABB Type Designation	M3KP 280SMB 2
Catalog Description	M3KP 280SMB 2

Additional Information

ABB Type Designation	M3KP 280SMB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316/C3
Bearing NDE	6316/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
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	75.00 kW	2980 r/min	74.80 A	0.870	95.50 %	240.00 N·m	7.30
D	T4	50 Hz	400 V	75.00 kW	2980 r/min	129.00 A	0.870	95.50 %	240.00 N·m	7.30
Y	T4	50 Hz	660 V	75.00 kW	2977 r/min	77.50 A	0.880	95.50 %	240.00 N·m	6.50
D	T4	50 Hz	380 V	75.00 kW	2977 r/min	135.00 A	0.880	95.50 %	240.00 N·m	6.50
D	T4	50 Hz	415 V	75.00 kW	2981 r/min	126.00 A	0.860	95.50 %	240.00 N·m	7.70
D	T4	60 Hz	460 V	75.00 kW	3582 r/min	113.00 A	0.870	94.90 %	200.00 N·m	8.20

Gas Group	IIB
Gross Weight	706 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.5 % Partial Load (75%) 95.4 % Partial Load (50%) 94.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.9 % Partial Load (75%) 94.6 % Partial Load (50%) 93.3 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3KP 280SMB 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	686 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

