

PRODUCT-DETAILS

3GKP281220-ASG

M3KP 280SMB 2



General Information

Product ID	3GKP281220-ASG
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	85015381
EX-Protection	Exdbeb
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	400 V	90.00 kW	2978 r/min	154.00 A	0.890	94.60 %	288.00 N·m	7.90
D	T4	50 Hz	230 V	90.00 kW	2978 r/min	268.00 A	0.890	94.60 %	288.00 N·m	7.90
Y	T4	50 Hz	415 V	90.00 kW	2980 r/min	150.00 A	0.880	94.60 %	288.00 N·m	8.40
Y	T4	60 Hz	460 V	90.00 kW	3578 r/min	135.00 A	0.890	93.70 %	239.00 N·m	8.30

Gas Group	IIB
Gross Weight	705 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 94.6 % Partial Load (75%) 94.5 % Partial Load (50%) 93.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 93.7 % Partial Load (75%) 93.2 % Partial Load (50%) 91.7 %
IM Class	IMB3 IM1001
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
Output Power	90 kW
Package Level 1 Units	1 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	685 kg
Product Type	3KP2__M3KP_IE2_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
Service Factor	1.00
Temperature Class Default	T4
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
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

