

PRODUCT-DETAILS

3GJM281230-AEK

M3JM 280SMC 2



General Information

Product ID	3GJM281230-AEK
ABB Type Designation	M3JM 280SMC 2
Catalog Description	M3JM 280SMC 2

Additional Information

ABB Type Designation	M3JM 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	Exdb

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	500 V	90.00 kW	2981 r/min	122.00 A	0.880	95.00 %	288.00 N·m	8.00
D	--	60 Hz	575 V	90.00 kW	3582 r/min	107.00 A	0.880	95.00 %	240.00 N·m	9.00

Gross Weight	876 kg
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IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.8 % Partial Load (50%) 94.1 %
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	IMB3 IM1001
IP Class	IP66
Insulation Class	ICLF
Invoice Description	M3JM 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	856 kg
Product Type	3JM3_M3JM_IE3_Group_I_Flameproof_Exd_mining_motor
Quote Only	No
Selling Unit of Measure	piece
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	E
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Mining Motors → Flameproof IE3 Premium Efficiency Mining Motors



