

PRODUCT-DETAILS

3GJM182410-AEL

M3JM 180MLA 4



General Information

Product ID	3GJM182410-AEL
ABB Type Designation	M3JM 180MLA 4
Catalog Description	M3JM 180MLA 4

Additional Information

ABB Type Designation	M3JM 180MLA 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310/C3
Bearing NDE	6310/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
EX-Protection	Exdb

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	500 V	18.50 kW	1481 r/min	27.80 A	0.830	92.60 %	119.30 N·m	7.20
D	--	60 Hz	575 V	18.50 kW	1783 r/min	24.20 A	0.820	93.60 %	99.04 N·m	8.40

Gross Weight	310 kg
IC Class	IC411

IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 92.6 % Partial Load (75%) 93.2 % Partial Load (50%) 92.9 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 93.6 % Partial Load (75%) 93.7 % Partial Load (50%) 93.1 %
IM Class	IMB3 IM1001
IP Class	IP66
Insulation Class	ICLF
Invoice Description	M3JM 180MLA 4
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	300 kg
Product Type	5JM3__M3JM_IE3_Group_I_Flameproof_Exd_mining_motor
Quote Only	No
Selling Unit of Measure	piece
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
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

