



 PRODUCT-DETAILS

3GJP111370-CFK

Flameproof IE3 Premium Efficiency LV Motors, 4 kW, 500 V (3GJP111370-CFK)



General Information

Product ID	3GJP111370-CFK
ABB Type Designation	M3JP 112MG 2
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 4 kW, 500 V (3GJP111370-CFK)

Ordering

ABB Type Designation	M3JP 112MG 2
Invoice Description	M3JP 112MG 2
Product Name	3-Phase squirrel cage motor
Product Type	3JP3__M3JP_IE3_Flameproof_Ext_motor
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220
Medium Description	4kW, 2 Poles, Frame Size 112, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GJP111370-CFK)

Short Description

4kW, 2P, Frame Size 112, 3PH, 500V, 50Hz, IP55, IMB14/IM3601

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	500 V	4.00 kW	2870 r/min	5.60 A	0.930	88.10 %	13.30 N·m	7.30
Y	T4	60 Hz	575 V	4.00 kW	3489 r/min	4.80 A	0.930	88.50 %	10.90 N·m	8.80

Connection Configuration	Y
Temperature Class Default	T4
Input Voltage (U _{in})	500 V
Frequency (f)	50 Hz
Output Power	4 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 88.1 % Partial Load (75%) 90.2 % Partial Load (50%) 91.2 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 88.5 % Partial Load (75%) 89.0 % Partial Load (50%) 89.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	F
EX-Protection	Exdb
Gas Group	IIB

Mechanical

Frame Material	Cast Iron
Frame Size	112
Bearing	6206-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	485 mm
Product Net Height	355 mm

Product Net Width	230 mm
Product Net Weight	85 kg
Gross Weight	90 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	297e96db-dbee-43c1-ad2d-ddd583080bb8 Finland (FI)

Classifications

UNSPSC	26101100
--------	----------

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

