



 PRODUCT-DETAILS

3GJP134270-AEK

Flameproof IE3 Premium Efficiency LV Motors, 3 kW, 500 V (3GJP134270-AEK)



General Information

Product ID	3GJP134270-AEK
ABB Type Designation	M3JP 132SMG 8
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 3 kW, 500 V (3GJP134270-AEK)

Ordering

ABB Type Designation	M3JP 132SMG 8
Product Name	3-Phase squirrel cage motor
Product Type	3JP3__M3JP_IE3_Flameproof_Exd_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	3kW, 8 Poles, Frame Size 132, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GJP134270-AEK)
Short Description	3kW, 8P, Frame Size 132, 3PH, 500V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	T4	50 Hz	500 V	3.00 kW	723 r/min	6.00 A	0.660	83.50 %	39.60 N·m	4.80
D	T4	60 Hz	575 V	3.00 kW	877 r/min	5.36 A	0.630	86.50 %	32.60 N·m	5.40

Connection Configuration	D
Temperature Class Default	T4
Input Voltage (U _{in})	500 V
Frequency (f)	50 Hz
Output Power	3 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 83.5 % Partial Load (75%) 84.1 % Partial Load (50%) 82.8 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 86.5 % Partial Load (75%) 86.3 % Partial Load (50%) 84.1 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	8
Two Speed Motor	No
Type of Duty	S1
Voltage Code	E
EX-Protection	Exdb
Gas Group	IIB

Mechanical

Frame Material	Cast Iron
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6208-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	576 mm
Product Net Height	392 mm
Product Net Width	250 mm
Product Net Weight	115 kg
Gross Weight	120 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	297e96db-dbee-43c1-ad2c-ddd583080bb8 Finland (FI)

Classifications

UNSPSC	26101100
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Categories

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

