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 PRODUCT-DETAILS

## 3GJM132270-CSK

### Flameproof IE3 Premium Efficiency Mining Motors, 7,5 kW, 400 V (3GJM132270-CSK)




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**General Information**

Product ID	3GJM132270-CSK
ABB Type Designation	M3JM 132SMG 4
Catalog Description	Flameproof IE3 Premium Efficiency Mining Motors, 7,5 kW, 400 V (3GJM132270-CSK)

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**Ordering**

ABB Type Designation	M3JM 132SMG 4
Invoice Description	M3JM 132SMG 4
Product Name	3-Phase squirrel cage motor
Product Type	3JM3__M3JM_IE3_Group_I_Flameproof_Exd_mining_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	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP66 Enclosure, IMB14/IM3601 Mounting (3GJM132270-CSK)

Short Description

7.5kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP66, IMB14/IM3601

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	7.50 kW	1457 r/min	14.80 A	0.810	90.40 %	49.10 N·m	7.30
D	--	50 Hz	230 V	7.50 kW	1457 r/min	25.70 A	0.810	90.40 %	49.10 N·m	7.30
Y	--	50 Hz	380 V	7.50 kW	1451 r/min	15.50 A	0.820	90.40 %	49.10 N·m	6.50
D	--	50 Hz	220 V	7.50 kW	1451 r/min	26.70 A	0.820	90.40 %	49.10 N·m	6.50
Y	--	50 Hz	415 V	7.50 kW	1461 r/min	14.60 A	0.790	90.60 %	49.10 N·m	7.80
Y	--	60 Hz	460 V	7.50 kW	1763 r/min	12.80 A	0.800	91.80 %	40.80 N·m	8.40

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	7,5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 90.4 % Partial Load (75%) 91.4 % Partial Load (50%) 91.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.8 % Partial Load (75%) 92.2 % Partial Load (50%) 91.7 %
IP Class	IP66
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S
EX-Protection	Exdb

## Mechanical

Frame Material	Cast Iron
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6208-2Z/C3
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

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**Dimensions**

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Package Level 1 Units	0 carton
Product Net Depth / Length	532 mm
Product Net Height	300 mm
Product Net Width	228 mm
Product Net Weight	122 kg
Gross Weight	127 kg

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**Environmental**

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WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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**Classifications**

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UNSPSC	26101100
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**Categories**

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

