



 PRODUCT-DETAILS

3GGP132270-CEK

Dust Ignition Proof IE3 LV Motors, 7.5 kW, 500 V (3GGP132270-CEK)



General Information

Product ID	3GGP132270-CEK
ABB Type Designation	M3GP 132SMG 4
Catalog Description	Dust Ignition Proof IE3 LV Motors, 7.5 kW, 500 V (3GGP132270-CEK)

Ordering

ABB Type Designation	M3GP 132SMG 4
Invoice Description	M3GP 132SMG 4
Product Name	3-Phase squirrel cage motor
Product Type	3GP3_M3GP_IE3_CI
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, 500V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GGP132270-CEK)

Short Description

7.5kW, 4P, Frame Size 132, 3PH, 500V, 50Hz, IP55, IMB14/IM3601

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	T3	50 Hz	500 V	7.50 kW	1457 r/min	11.80 A	0.810	90.40 %	49.10 N·m	7.30
D	T3	60 Hz	575 V	7.50 kW	1763 r/min	10.20 A	0.800	91.80 %	40.80 N·m	8.40

Connection Configuration	D
Temperature Class Default	T3
Input Voltage (U _{in})	500 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%) 91.3 % Partial Load (50%) 91.3 %
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	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	E
EX-Protection	Exec
Gas Group	IIC

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

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	533 mm
Product Net Height	300 mm

Product Net Width	273 mm
Product Net Weight	81 kg
Gross Weight	86 kg

Environmental

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

UNSPSC	26101100 39120000
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Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Dust Ignition Proof Motors → Dust Ignition Proof IE3 LV Motors

