



PRODUCT-DETAILS

3GGP133270-APK

Dust Ignition Proof IE3 LV Motors, 4 kW, 400 V
(3GGP133270-APK)

**General Information**

Product ID	3GGP133270-APK
ABB Type Designation	M3GP 132SMG 6
Catalog Description	Dust Ignition Proof IE3 LV Motors, 4 kW, 400 V (3GGP133270-APK)

Ordering

ABB Type Designation	M3GP 132SMG 6
Invoice Description	M3GP 132SMG 6
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	4kW, 6 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP133270-APK)

Short Description

4kW, 6P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T3	50 Hz	690 V	4.00 kW	974 r/min	5.40 A	0.690	89.40 %	38.70 N·m	5.60
D	T3	50 Hz	400 V	4.00 kW	974 r/min	9.30 A	0.690	89.40 %	38.70 N·m	5.60
Y	T3	50 Hz	660 V	4.00 kW	970 r/min	5.50 A	0.710	89.10 %	38.70 N·m	5.10
D	T3	50 Hz	380 V	4.00 kW	970 r/min	9.60 A	0.710	89.10 %	38.70 N·m	5.10
D	T3	50 Hz	415 V	4.00 kW	976 r/min	9.20 A	0.670	89.40 %	38.70 N·m	5.90
D	T3	60 Hz	460 V	4.00 kW	1176 r/min	8.10 A	0.680	90.10 %	32.00 N·m	6.30

Connection Configuration	D
Temperature Class Default	T3
Input Voltage (U _{in})	400 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%) 89.1 % Partial Load (75%) 90.0 % Partial Load (50%) 89.7 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 90.1 % Partial Load (75%) 90.0 % Partial Load (50%) 88.6 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
Two Speed Motor	No
Type of Duty	S1
Voltage Code	P
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	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
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Product Net Depth / Length	533 mm
Product Net Height	300 mm
Product Net Width	273 mm
Product Net Weight	82 kg
Gross Weight	87 kg

Environmental

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

UNSPSC	26101100
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Categories

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

