

## PRODUCT-DETAILS

**3GGP083470-ASK**

Dust Ignition Proof IE3 LV Motors, 0.55 kW,  
400 V (3GGP083470-ASK)

**General Information**

Product ID	3GGP083470-ASK
ABB Type Designation	M3GP 80MLG 6
Catalog Description	Dust Ignition Proof IE3 LV Motors, 0.55 kW, 400 V (3GGP083470-ASK)

**Additional Information**

ABB Type Designation	M3GP 80MLG 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Connection Configuration	Y
Country of Origin	Finland (FI)
Customs Tariff Number	85015100
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T3	50 Hz	400 V	0.55 kW	937 r/min	1.56 A	0.630	77.20 %	5.60 N-m	4.40
D	T3	50 Hz	230 V	0.55 kW	937 r/min	2.70 A	0.630	77.20 %	5.60 N-m	4.40
Y	T3	50 Hz	380 V	0.55 kW	928 r/min	1.61 A	0.650	77.20 %	5.60 N-m	4.10
D	T3	50 Hz	220 V	0.55 kW	928 r/min	2.70 A	0.650	77.20 %	5.60 N-m	4.10
Y	T3	50 Hz	415 V	0.55 kW	941 r/min	1.58 A	0.600	77.20 %	5.60 N-m	4.60
Y	T3	60 Hz	460 V	0.55 kW	1142 r/min	1.37 A	0.610	81.70 %	4.60 N-m	5.20

EX-Protection	Exec
Frame Material	Cast Iron
Frame Size	80
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	24 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 77.2 % Partial Load (75%) 77.3 % Partial Load (50%) 74.8 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 81.7 % Partial Load (75%) 81.9 % Partial Load (50%) 79.5 %
IM Class	IMB3 IM1001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3GP 80MLG 6
IP Class	IP55
Made To Order	No
Medium Description	0.55kW, 6 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP083470-ASK)
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Output Power	0.55 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	353 mm
Product Net Height	194 mm
Product Net Weight	21 kg
Product Net Width	157 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	0.55kW, 6P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Temperature Class Default	T3
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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

