

PRODUCT-DETAILS

## 3GGP161420-BDK

Dust Ignition Proof IE3 LV Motors, 15 kW, 400 V (3GGP161420-BDK)



### General Information

Product ID	3GGP161420-BDK
ABB Type Designation	M3GP 160MLB 2
Catalog Description	Dust Ignition Proof IE3 LV Motors, 15 kW, 400 V (3GGP161420-BDK)

### Additional Information

ABB Type Designation	M3GP 160MLB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6309/C3
Bearing NDE	6209/C3
Connection Configuration	D
Country of Origin	Finland (FI) Poland (PL)
Customs Tariff Number	85015230
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	690 V	15.00 kW	2943 r/min	14.70 A	0.920	91.90 %	48.60 N·m	8.40
D	T3	50 Hz	400 V	15.00 kW	2943 r/min	25.40 A	0.920	91.90 %	48.60 N·m	8.40
Y	T3	50 Hz	660 V	15.00 kW	2935 r/min	15.40 A	0.930	91.90 %	48.60 N·m	7.60
D	T3	50 Hz	380 V	15.00 kW	2935 r/min	26.50 A	0.930	91.90 %	48.60 N·m	7.60
D	T3	50 Hz	415 V	15.00 kW	2948 r/min	24.70 A	0.910	91.90 %	48.60 N·m	9.00
D	T3	60 Hz	460 V	15.00 kW	3552 r/min	22.10 A	0.920	91.00 %	40.30 N·m	9.60

EX-Protection	Exec
Frame Material	Cast Iron
Frame Size	160
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	180 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 91.9 % Partial Load (75%) 92.6 % Partial Load (50%) 92.3 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.0 % Partial Load (75%) 91.2 % Partial Load (50%) 90.0 %
IM Class	IMB5 IM3001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3GP 160MLB 2
IP Class	IP55
Made To Order	No
Medium Description	15kW, 2 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GGP161420-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	15 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	681 mm
Product Net Height	421 mm
Product Net Weight	170 kg
Product Net Width	338 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	15kW, 2P, Frame Size 160, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Standards	IEC 60034-1
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	T3
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1

UNSPSC	26101100
Voltage Code	D
WEEE Category	4. Large Equipment (Any 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

