

PRODUCT-DETAILS

## 3GGP164430-ADK

Dust Ignition Proof IE3 LV Motors, 7.5 kW, 400 V (3GGP164430-ADK)



### General Information

Product ID	3GGP164430-ADK
ABB Type Designation	M3GP 160MLC 8
Catalog Description	Dust Ignition Proof IE3 LV Motors, 7.5 kW, 400 V (3GGP164430-ADK)

### Additional Information

ABB Type Designation	M3GP 160MLC 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6309/C3
Bearing NDE	6209/C3
Connection Configuration	D
Country of Origin	Finland (FI)
Customs Tariff Number	85015220
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	7.50 kW	733 r/min	10.10 A	0.690	87.30 %	97.70 N-m	5.10
D	T3	50 Hz	400 V	7.50 kW	733 r/min	17.60 A	0.690	87.30 %	97.70 N-m	5.10
Y	T3	50 Hz	660 V	7.50 kW	729 r/min	10.40 A	0.720	87.30 %	98.20 N-m	4.70
D	T3	50 Hz	380 V	7.50 kW	729 r/min	18.00 A	0.720	87.30 %	98.20 N-m	4.70
D	T3	50 Hz	415 V	7.50 kW	735 r/min	17.70 A	0.660	87.30 %	97.40 N-m	5.30
D	T3	60 Hz	460 V	7.50 kW	887 r/min	15.50 A	0.670	89.50 %	80.70 N-m	5.80

EX-Protection	Exec
Frame Material	Cast Iron
Frame Size	160
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	242 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 87.3 % Partial Load (75%) 87.8 % Partial Load (50%) 86.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.6 % Partial Load (50%) 88.2 %
IM Class	IMB3 IM1001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
IP Class	IP55
Made To Order	No
Medium Description	7.5kW, 8 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP164430-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Output Power	7.5 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	232 kg
Product Net Width	338 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	7.5kW, 8P, Frame Size 160, 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	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

