



PRODUCT-DETAILS**3GGP164410-BDD****M3GP 160MLA 8**

General Information

Product ID	3GGP164410-BDD
ABB Type Designation	M3GP 160MLA 8
Catalog Description	M3GP 160MLA 8

Ordering

ABB Type Designation	M3GP 160MLA 8
Invoice Description	M3GP 160MLA 8
Product Name	3-Phase squirrel cage motor
Product Type	3GP0__M3GP_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015220

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	722 r/min	5.95 A	0.700	83.30 %	52.90 N·m	4.70
D	T3	50 Hz	400 V	4.00 kW	722 r/min	10.30 A	0.700	83.30 %	52.90 N·m	4.70
D	T3	50 Hz	415 V	4.00 kW	724 r/min	10.20 A	0.700	83.40 %	52.70 N·m	5.00

Temperature Class	T3
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 83.3 % Partial Load (75%) 84.7 % Partial Load (50%) 84.2 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	8
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
EX-Protection	Exec
Gas Group	IIC

Mechanical

Frame Material	Cast Iron
Frame Size	160
Bearing	6309/C3
Bearing NDE	6209/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	181 kg
Gross Weight	191 kg

Environmental

WEEE Category	4. Large Equipment (Any 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 IE2 LV motors

