

PRODUCT-DETAILS

3GGP163410-BDK

Dust Ignition Proof IE3 LV Motors, 7.5 kW, 400 V (3GGP163410-BDK)



General Information

Product ID	3GGP163410-BDK
ABB Type Designation	M3GP 160MLA 6
Catalog Description	Dust Ignition Proof IE3 LV Motors, 7.5 kW, 400 V (3GGP163410-BDK)

Additional Information

ABB Type Designation	M3GP 160MLA 6
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	980 r/min	8.81 A	0.780	89.10 %	73.00 N·m	7.90
D	T3	50 Hz	400 V	7.50 kW	980 r/min	15.20 A	0.780	89.10 %	73.00 N·m	7.90
Y	T3	50 Hz	660 V	7.50 kW	977 r/min	9.10 A	0.800	89.10 %	73.00 N·m	7.20
D	T3	50 Hz	380 V	7.50 kW	977 r/min	15.70 A	0.800	89.10 %	73.00 N·m	7.20
D	T3	50 Hz	415 V	7.50 kW	981 r/min	14.80 A	0.770	89.10 %	73.00 N·m	8.40
D	T3	60 Hz	460 V	7.50 kW	1182 r/min	13.50 A	0.760	91.00 %	60.50 N·m	8.60

Frame Material	Cast Iron
Frame Size	160
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	182 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 89.1 % Partial Load (75%) 89.6 % Partial Load (50%) 88.7 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 91.0 % Partial Load (75%) 91.1 % Partial Load (50%) 89.8 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3GP 160MLA 6
IP Class	IP55
Made To Order	No
Medium Description	7.5kW, 6 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GGP163410-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	6
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	172 kg
Product Net Width	338 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	7.5kW, 6P, Frame Size 160, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Standards	IEC 60034-1
Temperature Class Default	T3
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100 39120000
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

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

