
PRODUCT-DETAILS

3GGP202410-BDK

Dust Ignition Proof IE3 LV Motors, 30 kW, 400 V (3GGP202410-BDK)



General Information

Product ID	3GGP202410-BDK
ABB Type Designation	M3GP 200MLA 4
Catalog Description	Dust Ignition Proof IE3 LV Motors, 30 kW, 400 V (3GGP202410-BDK)

Additional Information

ABB Type Designation	M3GP 200MLA 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6312/C3
Bearing NDE	6210/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	30.00 kW	1484 r/min	31.60 A	0.840	93.60 %	193.00 N-m	8.30
D	T3	50 Hz	400 V	30.00 kW	1484 r/min	54.60 A	0.840	93.60 %	193.00 N-m	8.30
Y	T3	50 Hz	660 V	30.00 kW	1481 r/min	32.80 A	0.850	94.10 %	193.00 N-m	7.50
D	T3	50 Hz	380 V	30.00 kW	1481 r/min	56.90 A	0.850	94.10 %	193.00 N-m	7.50
D	T3	50 Hz	415 V	30.00 kW	1485 r/min	53.80 A	0.820	93.60 %	193.00 N-m	8.80
D	T3	60 Hz	460 V	30.00 kW	1786 r/min	47.90 A	0.830	94.70 %	160.00 N-m	9.40

EX-Protection	Exec
Frame Material	Cast Iron
Frame Size	200
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	329 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 93.6 % Partial Load (75%) 93.7 % Partial Load (50%) 93.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.7 % Partial Load (75%) 94.8 % Partial Load (50%) 94.1 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3GP 200MLA 4
IP Class	IP55
Made To Order	No
Medium Description	30kW, 4 Poles, Frame Size 200, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GGP202410-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	30 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	822 mm
Product Net Height	528 mm
Product Net Weight	319 kg
Product Net Width	413 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Replaced Product ID (OLD)	3GGP202450-BDK
Selling Unit of Measure	piece
Short Description	30kW, 4P, Frame Size 200, 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)

Categories

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

