

PRODUCT-DETAILS

3GGP251210-ADK

Dust Ignition Proof IE3 LV Motors, 55 kW, 400 V (3GGP251210-ADK)



General Information

Product ID	3GGP251210-ADK
ABB Type Designation	M3GP 250SMA 2
Catalog Description	Dust Ignition Proof IE3 LV Motors, 55 kW, 400 V (3GGP251210-ADK)

Additional Information

ABB Type Designation	M3GP 250SMA 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6315/C3
Bearing NDE	6213/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	55.00 kW	2975 r/min	54.30 A	0.890	95.20 %	176.00 N-m	8.00
D	T3	50 Hz	400 V	55.00 kW	2975 r/min	93.60 A	0.890	95.20 %	176.00 N-m	8.00
Y	T3	50 Hz	660 V	55.00 kW	2973 r/min	56.40 A	0.900	94.80 %	176.00 N-m	7.50
D	T3	50 Hz	380 V	55.00 kW	2973 r/min	97.90 A	0.900	94.80 %	176.00 N-m	7.50
D	T3	50 Hz	415 V	55.00 kW	2977 r/min	91.30 A	0.880	95.20 %	176.00 N-m	8.60
D	T3	60 Hz	460 V	55.00 kW	3578 r/min	81.50 A	0.890	94.40 %	146.00 N-m	9.10

EX-Protection	Exec
Frame Material	Cast Iron
Frame Size	250
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	462 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 94.8 % Partial Load (75%) 95.2 % Partial Load (50%) 95.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.4 % Partial Load (75%) 94.2 % Partial Load (50%) 93.1 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3GP 250SMA 2
IP Class	IP55
Made To Order	No
Medium Description	55kW, 2 Poles, Frame Size 250, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP251210-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	55 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	884 mm
Product Net Height	626 mm
Product Net Weight	452 kg
Product Net Width	508 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Replaced Product ID (OLD)	3GGP251240-ADK
Selling Unit of Measure	piece
Short Description	55kW, 2P, Frame Size 250, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
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

