

PRODUCT-DETAILS

3GGP351810-ADK

Dust Ignition Proof IE3 LV Motors, 500 kW,
400 V (3GGP351810-ADK)



General Information

Product ID	3GGP351810-ADK
ABB Type Designation	M3GP 355LKA 2
Catalog Description	Dust Ignition Proof IE3 LV Motors, 500 kW, 400 V (3GGP351810-ADK)

Additional Information

ABB Type Designation	M3GP 355LKA 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6316M/C3
Bearing NDE	6316M/C3
Connection Configuration	D
Country of Origin	Finland (FI)
Customs Tariff Number	85015394
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	500.00 kW	2982 r/min	479.00 A	0.900	95.80 %	1601.00 N-m	7.50
D	T3	50 Hz	400 V	500.00 kW	2982 r/min	827.00 A	0.900	95.80 %	1601.00 N-m	7.50
D	T3	50 Hz	415 V	500.00 kW	2983 r/min	796.00 A	0.900	95.80 %	1601.00 N-m	8.10
D	T3	60 Hz	460 V	500.00 kW	3584 r/min	722.00 A	0.900	95.80 %	1332.26 N-m	9.00

EX-Protection	Exec
Frame Material	Cast Iron
Frame Size	355
Frequency (f)	50 Hz
Gas Group	IIC
Gross Weight	0 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.8 % Partial Load (50%) 95.1 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.5 % Partial Load (50%) 94.5 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
IP Class	IP55
Made To Order	No
Medium Description	500kW, 2 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP351810-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	500 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	1764 mm
Product Net Height	958 mm
Product Net Weight	2320 kg
Product Net Width	746 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	500kW, 2P, Frame Size 355, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Temperature Class Default	T3
Terminator Box Location	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

