

PRODUCT-DETAILS

# 3GGP352420-ADK

Dust Ignition Proof IE3 LV Motors, 400 kW,  
400 V (3GGP352420-ADK)



## General Information

Product ID	3GGP352420-ADK
ABB Type Designation	M3GP 355MLB 4
Catalog Description	Dust Ignition Proof IE3 LV Motors, 400 kW, 400 V (3GGP352420-ADK)

## Additional Information

ABB Type Designation	M3GP 355MLB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6322/C3
Bearing NDE	6316/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	400.00 kW	1489 r/min	409.00 A	0.850	96.00 %	2565.00 N-m	6.80
D	T3	50 Hz	400 V	400.00 kW	1489 r/min	705.00 A	0.850	96.00 %	2565.00 N-m	6.80
D	T3	50 Hz	415 V	400.00 kW	1490 r/min	687.00 A	0.840	96.00 %	2563.00 N-m	7.30
D	T3	60 Hz	460 V	400.00 kW	1791 r/min	615.00 A	0.860	96.20 %	2132.00 N-m	7.80

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%) 96.0 % Partial Load (75%) 96.0 % Partial Load (50%) 95.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 96.2 % Partial Load (75%) 96.1 % Partial Load (50%) 95.3 %
IM Class	IMB3 IM1001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3GP 355MLB 4
IP Class	IP55
Made To Order	No
Medium Description	400kW, 4 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP352420-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	400 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	1584 mm
Product Net Height	958 mm
Product Net Weight	2140 kg
Product Net Width	746 mm
Product Type	3GP3_M3GP_IE3_CI
Quote Only	No
Selling Unit of Measure	piece
Short Description	400kW, 4P, 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)

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## Categories

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

