

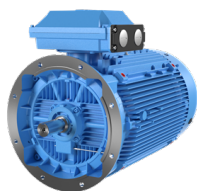



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 PRODUCT-DETAILS

## 3GGP353420-BEK

Dust Ignition Proof IE3 LV Motors, 250 kW,  
500 V (3GGP353420-BEK)




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**General Information**

Product ID	3GGP353420-BEK
ABB Type Designation	M3GP 355MLB 6
Catalog Description	Dust Ignition Proof IE3 LV Motors, 250 kW, 500 V (3GGP353420-BEK)

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**Ordering**

ABB Type Designation	M3GP 355MLB 6
Invoice Description	M3GP 355MLB 6
Product Name	3-Phase squirrel cage motor
Product Type	3GP3_M3GP_IE3_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015381
Medium Description	250kW, 6 Poles, Frame Size 355, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GGP353420-BEK)

Short Description

250kW, 6P, Frame Size 355, 3PH, 500V, 50Hz, IP55, IMB5/IM3001

## Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	T3	50 Hz	500 V	250.00 kW	995 r/min	364.00 A	0.830	95.80 %	2400.00 N·m	7.10
D	T3	60 Hz	575 V	250.00 kW	1195 r/min	321.00 A	0.820	95.80 %	1997.00 N·m	9.20

Connection

D

Configuration

Temperature Class

T3

Default

Input Voltage (U<sub>in</sub>)

500 V

Frequency (f)

50 Hz

Output Power

250 kW

Altitude

1000 m

Ambient Temperature

40 °C

IC Class

IC411

IE Class Data (50 Hz)

IE Class IE3  
 Full Load (100%) 95.8 %  
 Partial Load (75%) 96.0 %  
 Partial Load (50%) 95.9 %

IE Class Data (60 Hz)

IE Class IE3  
 Full Load (100%) 95.8 %  
 Partial Load (75%) 95.8 %  
 Partial Load (50%) 95.0 %

IP Class

IP55

Insulation Class

ICLF

Direction of Rotation

Both sides

Number of Poles (High)

6

Two Speed Motor

No

Type of Duty

S1

Voltage Code

E

EX-Protection

Exec

Gas Group

IIC

## Mechanical

Frame Material

Cast Iron

Frame Size

355

Bearing

6322/C3

Bearing NDE

6316/C3

IM Class

IMB5 IM3001

Terminator Box Location

D-End top

## Dimensions

Package Level 1 Units

0 pallet (lift)

Product Net Depth / Length

1584 mm

Product Net Height

958 mm

Product Net Width	746 mm
Product Net Weight	2180 kg
Gross Weight	2210 kg

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### Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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### Classifications

UNSPSC	26101100
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### Categories

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

