

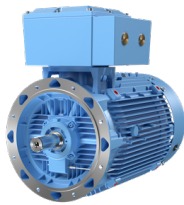



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 PRODUCT-DETAILS

## 3GJM352420-BDK

### Flameproof IE3 Premium Efficiency Mining Motors, 400 kW, 400 V (3GJM352420-BDK)




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**General Information**

Product ID	3GJM352420-BDK
ABB Type Designation	M3JM 355MLB 4
Catalog Description	Flameproof IE3 Premium Efficiency Mining Motors, 400 kW, 400 V (3GJM352420-BDK)

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**Ordering**

ABB Type Designation	M3JM 355MLB 4
Product Name	3-Phase squirrel cage motor
Product Type	3JM3__M3JM_IE3_Group_I_Flameproof_Ext_mining_motor
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	85015394
Medium Description	400kW, 4 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP66 Enclosure, IMB5/IM3001 Mounting (3GJM352420-BDK)
Short Description	400kW, 4P, Frame Size 355, 3PH, 400V, 50Hz, IP66, IMB5/IM3001

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	400.00 kW	1489 r/min	409.00 A	0.850	96.00 %	2565.00 N-m	6.80
D	--	50 Hz	400 V	400.00 kW	1489 r/min	705.00 A	0.850	96.00 %	2565.00 N-m	6.80
Y	--	50 Hz	660 V	400.00 kW	1488 r/min	423.00 A	0.860	96.00 %	2567.00 N-m	6.10
D	--	50 Hz	380 V	400.00 kW	1488 r/min	734.00 A	0.860	96.00 %	2567.00 N-m	6.10
D	--	50 Hz	415 V	400.00 kW	1490 r/min	687.00 A	0.840	96.00 %	2563.00 N-m	7.30
D	--	60 Hz	460 V	400.00 kW	1791 r/min	615.00 A	0.860	96.20 %	2132.00 N-m	7.80

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	400 kW
Altitude	1000 m
Ambient Temperature	40 °C
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 %
IP Class	IP66
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
EX-Protection	Exdb

## Mechanical

Frame Material	Cast Iron
Frame Size	355
Bearing	6322/C3
Bearing NDE	6316/C3
IM Class	IMB5 IM3001
Terminator Box Location	Top

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**Dimensions**

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Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	1584 mm
Product Net Height	958 mm
Product Net Width	645 mm
Product Net Weight	2364 kg
Gross Weight	0 kg

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**Environmental**

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

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UNSPSC	26101100
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**Categories**

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Motors and Generators → IEC Low Voltage AC Motors → Mining Motors → Flameproof IE3 Premium Efficiency Mining Motors

