

PRODUCT-DETAILS

3GBA071310-ASC

IE2 High Efficiency Cast Iron Motors, 0.37 kW,
400 V (3GBA071310-ASC)



General Information

Product ID	3GBA071310-ASC
ABB Type Designation	M2BAX 71MA 2
Catalog Description	IE2 High Efficiency Cast Iron Motors, 0.37 kW, 400 V (3GBA071310-ASC)

Ordering

ABB Type Designation	M2BAX 71MA 2
Invoice Description	M2BAX 71MA 2
Product Name	3-Phase squirrel cage motor
Product Type	EBA2__M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015100
Stocked At (Warehouses)	Shanghai, China
Medium Description	0.37kW, 2 Poles, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA071310-ASC)

Short Description

0.37kW, 2P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.37 kW	2807 r/min	0.91 A	0.790	69.50 %	1.26 N·m	5.10
D	--	50 Hz	230 V	0.37 kW	2807 r/min	1.58 A	0.790	69.50 %	1.26 N·m	5.10
Y	--	50 Hz	380 V	0.37 kW	2769 r/min	0.92 A	0.830	69.50 %	1.26 N·m	4.90
D	--	50 Hz	220 V	0.37 kW	2769 r/min	1.59 A	0.830	69.50 %	1.26 N·m	4.90
Y	--	60 Hz	440 V	0.37 kW	3400 r/min	0.84 A	0.800	72.00 %	1.02 N·m	5.90
Y	--	60 Hz	460 V	0.37 kW	3418 r/min	0.86 A	0.750	72.00 %	1.02 N·m	6.10

Connection

Y

Configuration

Temperature Class

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Default

Input Voltage (U_{in})

400 V

Frequency (f)

50 Hz

Output Power

0.37 kW

Altitude

1000 m

Ambient Temperature

40 °C

IC Class

IC411

IE Class Data (50 Hz)

IE Class IE2

Full Load (100%) 69.5 %

Partial Load (75%) 66.9 %

Partial Load (50%) 62.3 %

IE Class Data (60 Hz)

IE Class IE2

Full Load (100%) 72.0 %

Partial Load (75%) 68.7 %

Partial Load (50%) 62.7 %

IP Class

IP55

Insulation Class

ICLF

Direction of Rotation

Both sides

Number of Poles (High)

2

Two Speed Motor

No

Type of Duty

S1

Voltage Code

S

Mechanical

Frame Material

Cast Iron

Frame Size

71

Bearing

6203-2Z/C3

Bearing NDE

6202-2Z/C3

Lubrication

For life

IM Class

IMB3 IM1001

Terminator Box Location

D-End top

Dimensions	
Package Level 1 Units	0 carton
Product Net Depth / Length	257 mm
Product Net Height	175 mm
Product Net Width	147 mm
Product Net Weight	9 kg
Gross Weight	12 kg

Environmental	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)

Classifications	
Standards	IEC 60034-1
UNSPSC	26101100

Categories	
Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors	

