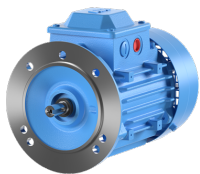




PRODUCT-DETAILS

# 3GBA071310-BDC

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



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

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, IMB5/IM3001 Mounting (3GBA071310-BDC)

Short Description

0.37kW, 2P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	0.37 kW	2797 r/min	0.53 A	0.780	69.50 %	1.24 N·m	5.30
D	--	50 Hz	400 V	0.37 kW	2797 r/min	0.91 A	0.780	69.50 %	1.24 N·m	5.30
Y	--	50 Hz	660 V	0.37 kW	2773 r/min	0.53 A	0.820	69.50 %	1.25 N·m	5.00
D	--	50 Hz	380 V	0.37 kW	2773 r/min	0.91 A	0.820	69.50 %	1.25 N·m	5.00
D	--	60 Hz	440 V	0.37 kW	3402 r/min	0.85 A	0.790	72.00 %	1.02 N·m	6.10
D	--	60 Hz	460 V	0.37 kW	3419 r/min	0.87 A	0.740	72.00 %	1.02 N·m	6.20
Y	--	50 Hz	690 V	0.37 kW	2797 r/min	0.53 A	0.780	69.50 %	1.24 N·m	5.30
D	--	50 Hz	400 V	0.37 kW	2797 r/min	0.91 A	0.780	69.50 %	1.24 N·m	5.30
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Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	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%) 67.4 % Partial Load (50%) 62.7 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 72.0 % Partial Load (75%) 68.4 % Partial Load (50%) 62.4 %
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	D

Mechanical	
Frame Material	Cast Iron
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
IM Class	IMB5 IM3001
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	
UNSPSC	26101100

Categories

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

