

PRODUCT-DETAILS

3GBA073310-ADC

IE2 High Efficiency Cast Iron Motors, 0.18 kW, 400 V (3GBA073310-ADC)



General Information	
Product ID	3GBA073310-ADC
ABB Type Designation	M2BAX 71MA 6
Catalog Description	IE2 High Efficiency Cast Iron Motors, 0.18 kW, 400 V (3GBA073310-ADC)

Ordering	
ABB Type Designation	M2BAX 71MA 6
Invoice Description	M2BAX 71MA 6
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

Electrical	
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Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	0.18 kW	905 r/min	0.37 A	0.720	56.60 %	1.84 N·m	3.50
D	--	50 Hz	400 V	0.18 kW	905 r/min	0.64 A	0.720	56.60 %	1.84 N·m	3.50
Y	--	50 Hz	660 V	0.18 kW	890 r/min	0.36 A	0.770	56.60 %	1.87 N·m	3.30
D	--	50 Hz	380 V	0.18 kW	890 r/min	0.63 A	0.770	56.60 %	1.87 N·m	3.30
D	--	60 Hz	440 V	0.18 kW	1110 r/min	0.59 A	0.730	55.00 %	1.50 N·m	4.10
D	--	60 Hz	460 V	0.18 kW	1120 r/min	0.65 A	0.630	55.00 %	1.49 N·m	4.10

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	0.18 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 56.6 % Partial Load (75%) 52.3 % Partial Load (50%) 45.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 55.0 % Partial Load (75%) 48.6 % Partial Load (50%) 39.8 %
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	D

Mechanical	
Frame Material	Cast Iron
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions	
Package Level 1 Units	0 carton
Product Net Weight	9 kg
Gross Weight	12 kg

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

Classifications

UNSPSC	26101100
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Categories

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

