

PRODUCT-DETAILS

# 3GBA073320-ADC

## IE2 High Efficiency Cast Iron Motors, 0.25 kW, 400 V (3GBA073320-ADC)



General Information	
Product ID	3GBA073320-ADC
ABB Type Designation	M2BAX 71MB 6
Catalog Description	IE2 High Efficiency Cast Iron Motors, 0.25 kW, 400 V (3GBA073320-ADC)

Ordering	
ABB Type Designation	M2BAX 71MB 6
Invoice Description	M2BAX 71MB 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	
------------	--

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	0.25 kW	920 r/min	0.48 A	0.710	61.60 %	2.57 N·m	3.80
D	--	50 Hz	400 V	0.25 kW	920 r/min	0.83 A	0.710	61.60 %	2.56 N·m	3.80
Y	--	50 Hz	660 V	0.25 kW	905 r/min	0.47 A	0.760	61.60 %	2.60 N·m	3.70
D	--	50 Hz	380 V	0.25 kW	905 r/min	0.84 A	0.760	61.60 %	2.66 N·m	3.60
D	--	60 Hz	440 V	0.25 kW	1130 r/min	0.84 A	0.660	59.50 %	2.09 N·m	4.50
D	--	60 Hz	460 V	0.25 kW	1140 r/min	0.84 A	0.630	59.50 %	2.07 N·m	4.60

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	0.25 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 61.6 % Partial Load (75%) 57.1 % Partial Load (50%) 50.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 59.5 % Partial Load (75%) 52.3 % Partial Load (50%) 43.0 %
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	D

<b>Mechanical</b>	
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

<b>Dimensions</b>	
Package Level 1 Units	0 carton
Product Net Weight	10 kg
Gross Weight	13 kg

<b>Environmental</b>	
----------------------	--

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	

