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 PRODUCT-DETAILS

## 3GBP072340-BSL

IE3 Premium Efficiency Cast Iron Motors, 0.25 kW, 400 V (3GBP072340-BSL)



Submitted by TECO Group

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**General Information**

Product ID	3GBP072340-BSL
ABB Type Designation	M3BP 71MD 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 0.25 kW, 400 V (3GBP072340-BSL)

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**Ordering**

ABB Type Designation	M3BP 71MD 4
Invoice Description	M3BP 71MD 4
Product Name	3-Phase squirrel cage motor
Product Type	5BP3 M3BP CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015220
Stocked At	Shanghai, China

(Warehouses)

Medium Description	0.25kW, 4 Poles, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP072340-BSL)
Short Description	0.25kW, 4P, 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	400 V	0.25 kW	1416 r/min	0.60 A	0.800	73.50 %	1.68 N·m	4.80
D	--	50 Hz	230 V	0.25 kW	1416 r/min	1.00 A	0.800	73.50 %	1.68 N·m	4.80
Y	--	50 Hz	415 V	0.25 kW	1423 r/min	0.59 A	0.780	73.50 %	1.68 N·m	5.10

Connection Configuration	Y
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 IE3 Full Load (100%) 73.5 % Partial Load (75%) 74.4 % Partial Load (50%) 72.5 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 73.4 % Partial Load (75%) 73.4 % Partial Load (50%) 70.4 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
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
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 carton
Product Net Depth /	294 mm

Length

Product Net Height	178 mm
Product Net Width	136 mm
Product Net Weight	11 kg
Gross Weight	14 kg

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**Environmental**

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WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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**Classifications**

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UNSPSC	26101100 39120000
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**Categories**

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

