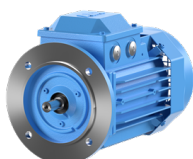




PRODUCT-DETAILS

3GBP072450-BSK

IE3 Premium Efficiency Cast Iron Motors, 0.37 kW, 400 V (3GBP072450-BSK)



General Information

Product ID:	3GBP072450-BSK
ABB Type Designation:	M3BP 71MLE 4
Catalog Description:	IE3 Premium Efficiency Cast Iron Motors, 0.37 kW, 400 V (3GBP072450-BSK)
Display Name:	3GBP072450-BSK

Ordering

ABB Type Designation:	M3BP 71MLE 4
Invoice Description:	M3BP 71MLE 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP3__M3BP_IE3_CI
Country of Origin:	Finland China
Customs Tariff Number:	85015100
Stocked At (Warehouses):	Menden, Germany

Medium Description: 0.37kW, 4 Poles, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP072450-BSK)

Short Description: 0.37kW, 4P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.37 kW	1432 r/min	0.90 A	0.760	77.30 %	2.50 N·m	5.80
D	--	50 Hz	230 V	0.37 kW	1432 r/min	1.50 A	0.760	77.30 %	2.50 N·m	5.80
Y	--	50 Hz	380 V	0.37 kW	1423 r/min	0.91 A	0.790	77.30 %	2.50 N·m	5.40
D	--	50 Hz	220 V	0.37 kW	1423 r/min	1.57 A	0.790	77.30 %	2.50 N·m	5.40
Y	--	50 Hz	415 V	0.37 kW	1437 r/min	0.89 A	0.730	77.30 %	2.50 N·m	6.10
Y	--	60 Hz	460 V	0.37 kW	1744 r/min	0.82 A	0.710	78.20 %	2.00 N·m	6.70

Connection Configuration: Y

Temperature Class 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 IE3
Full Load (100%) 77.3 %
Partial Load (75%) 77.3 %
Partial Load (50%) 74.6 %

IE Class Data (60 Hz):
IE Class IE3
Full Load (100%) 78.2 %
Partial Load (75%) 75.9 %
Partial Load (50%) 71.2 %

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

Product Net Depth / Length:	294 mm
Product Net Height:	178 mm
Product Net Width:	136 mm
Product Net Weight:	15 kg
Gross Weight:	18 kg

Environmental

WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP:	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland

External Classifications and Standards

UNSPSC:	26101100
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Categories

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

