



 PRODUCT-DETAILS

3GBP072450-ADK

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



General Information

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

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
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	85015100
Medium Description	0.37kW, 4 Poles, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure,

IMB3/IM1001 Mounting (3GBP072450-ADK)

Short Description 0.37kW, 4P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

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	1432 r/min	0.51 A	0.760	77.30 %	2.46 N·m	5.80
D	--	50 Hz	400 V	0.37 kW	1432 r/min	0.90 A	0.760	77.30 %	2.46 N·m	5.80
D	--	50 Hz	415 V	0.37 kW	1437 r/min	0.89 A	0.730	77.30 %	2.45 N·m	6.10
D	--	60 Hz	460 V	0.37 kW	1740 r/min	0.81 A	0.730	78.20 %	2.02 N·m	6.90

Connection Configuration	D
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%) 77.5 % Partial Load (50%) 74.4 %
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	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 Depth /	294 mm

Length

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 (FI)

Classifications

UNSPSC	26101100
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Categories

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

