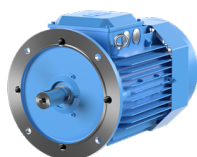




PRODUCT-DETAILS

3GBP112370-BSK

IE3 Premium Efficiency Cast Iron Motors, 4 kW, 400 V (3GBP112370-BSK)



General Information

Product ID:	3GBP112370-BSK
ABB Type Designation:	M3BP 112MG 4
Catalog Description:	IE3 Premium Efficiency Cast Iron Motors, 4 kW, 400 V (3GBP112370-BSK)
Display Name:	3GBP112370-BSK

Ordering

ABB Type Designation:	M3BP 112MG 4
Invoice Description:	M3BP 112MG 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP3__M3BP_IE3_CI
Country of Origin:	Finland China
Customs Tariff Number:	85015220
Replaced Product ID (OLD):	3GBP112370-BCK 3GBP112350-BSL

Stocked At (Warehouses):	Menden, Germany
Medium Description:	4kW, 4 Poles, Frame Size 112, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP112370-BSK)
Short Description:	4kW, 4P, Frame Size 112, 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	4.00 kW	1451 r/min	8.60 A	0.770	88.60 %	26.30 N·m	7.60
D	--	50 Hz	230 V	4.00 kW	1451 r/min	14.90 A	0.770	88.60 %	26.30 N·m	7.60
Y	--	50 Hz	380 V	4.00 kW	1445 r/min	8.70 A	0.780	88.60 %	26.50 N·m	6.90
D	--	50 Hz	220 V	4.00 kW	1445 r/min	15.10 A	0.780	88.60 %	26.50 N·m	6.90
Y	--	50 Hz	415 V	4.00 kW	1455 r/min	8.70 A	0.730	88.60 %	26.30 N·m	8.10
Y	--	60 Hz	460 V	4.00 kW	1755 r/min	7.40 A	0.750	89.50 %	21.70 N·m	9.30

Connection Configuration:	Y
Temperature Class Default:	--
Input Voltage (U_{in}):	400 V
Frequency (f):	50 Hz
Output Power:	4 kW
Altitude:	1000 m
Ambient Temperature:	40 °C
IC Class:	IC411
IE Class Data (50 Hz):	IE Class IE3 Full Load (100%) 88.6 % Partial Load (75%) 89.1 % Partial Load (50%) 88.3 %
IE Class Data (60 Hz):	IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.9 % Partial Load (50%) 88.8 %
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:	112

Bearing:	6206-2Z/C3
Bearing NDE:	6206-2Z/C3
IM Class:	IMB5 IM3001
Terminator Box Location:	D-End top

Dimensions

Product Net Depth / Length:	442 mm
Product Net Height:	258 mm
Product Net Width:	230 mm
Product Net Weight:	52 kg
Gross Weight:	57 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

