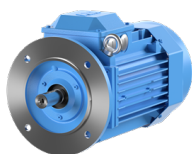




 PRODUCT-DETAILS

3GBP103322-BSB

IE2 High Efficiency Cast Iron Motors, 1.5 kW,
400 V (3GBP103322-BSB)



General Information

Product ID	3GBP103322-BSB
ABB Type Designation	M3BP 100L 6
Catalog Description	IE2 High Efficiency Cast Iron Motors, 1.5 kW, 400 V (3GBP103322-BSB)

Ordering

ABB Type Designation	M3BP 100L 6
Invoice Description	M3BP 100L 6
Product Name	3-Phase squirrel cage motor
Product Type	3BP2_M3BP_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Spain (ES) Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015220

Medium Description	1.5kW, 6 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP103322-BSB)
Short Description	1.5kW, 6P, Frame Size 100, 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	1.50 kW	950 r/min	3.70 A	0.690	81.30 %	15.00 N-m	5.20
D	--	50 Hz	230 V	1.50 kW	950 r/min	6.43 A	0.690	81.30 %	15.00 N-m	5.20
Y	--	60 Hz	460 V	1.50 kW	1160 r/min	3.31 A	0.680	82.40 %	12.40 N-m	4.90

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	1.5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 81.3 % Partial Load (75%) 82.1 % Partial Load (50%) 80.7 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 82.4 % Partial Load (75%) 82.0 % Partial Load (50%) 79.4 %
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	S

Mechanical

Frame Material	Cast Iron
Frame Size	100
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	1 carton
Product Net Depth / Length	381 mm

Product Net Height	247 mm
Product Net Width	200 mm
Product Net Weight	37 kg
Gross Weight	42 kg

Environmental

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

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Cast Iron Motors

