



PRODUCT-DETAILS

3GBP162410-BSM

IE4 Super Premium Efficiency Cast Iron Motors, 11 kW, 400 V (3GBP162410-BSM)



General Information

Product ID:	3GBP162410-BSM
ABB Type Designation:	M3BP 160MLA 4
Catalog Description:	IE4 Super Premium Efficiency Cast Iron Motors, 11 kW, 400 V (3GBP162410-BSM)
Display Name:	3GBP162410-BSM

Ordering

ABB Type Designation:	M3BP 160MLA 4
Invoice Description:	M3BP 160MLA 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP4__M3BP_IE4_CI
Country of Origin:	Finland
Customs Tariff Number:	85015230
Medium Description:	11kW, 4 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP162410-BSM)

Short Description: 11kW, 4P, Frame Size 160, 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	11.00 kW	1477 r/min	21.60 A	0.790	93.30 %	71.10 N-m	7.60
D	--	50 Hz	230 V	11.00 kW	1477 r/min	37.50 A	0.790	93.30 %	71.10 N-m	7.60
Y	--	50 Hz	415 V	11.00 kW	1479 r/min	21.30 A	0.770	93.30 %	71.00 N-m	8.10
Y	--	60 Hz	460 V	11.00 kW	1780 r/min	19.20 A	0.770	93.60 %	59.00 N-m	8.60

Connection Configuration: Y

Temperature Class Default: --

Input Voltage (U_{in}): 400 V

Frequency (f): 50 Hz

Output Power: 11 kW

Altitude: 1000 m

Ambient Temperature: 40 °C

IC Class: IC411

IE Class Data (50 Hz):
IE Class IE4
Full Load (100%) 93.3 %
Partial Load (75%) 93.4 %
Partial Load (50%) 92.6 %

IE Class Data (60 Hz):
IE Class IE4
Full Load (100%) 93.6 %
Partial Load (75%) 93.5 %
Partial Load (50%) 92.5 %

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: 160

Bearing: 6309/C3

Bearing NDE: 6209/C3

IM Class: IMB5 IM3001

Terminator Box Location: D-End top

Dimensions

Product Net Depth / Length:	897 mm
Product Net Height:	329 mm
Product Net Width:	310 mm
Product Net Weight:	188 kg
Gross Weight:	198 kg

Environmental

WEEE Category:	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP:	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland

External Classifications and Standards

UNSPSC:	26101100
---------	----------

Categories

Products > Motors and Generators > IEC Low Voltage AC Motors > Process Performance Motors > IE4 Super Premium Efficiency Cast Iron Motors

