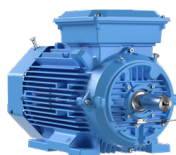




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**PRODUCT-DETAILS****3GBL162423-HSB****M3BL 160MLB 4**

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**General Information**

Product ID	3GBL162423-HSB
ABB Type Designation	M3BL 160MLB 4
Catalog Description	M3BL 160MLB 4

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**Ordering**

ABB Type Designation	M3BL 160MLB 4
Invoice Description	M3BL 160MLB 4
Product Name	3-Phase synchronous motor
Product Type	3BL0_M3BL_SynRM_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015230

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	Operational Voltage
Y	--	50 Hz	400 V	17.00 kW	1500 r/min	42.60 A	0.690	91.20 %	108.00 N·m	370 V
Temperature Class Default										--
Motor Operational Voltage										370 V
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 91.2 % Partial Load (75%) 91.0 % Partial Load (50%) 89.8 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
Two Speed Motor										No
Type of Duty										S9
Voltage Code										S

## Mechanical

Frame Material	Cast Iron
Frame Size	160
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

## Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	130 kg
Gross Weight	140 kg

## Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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## Classifications

UNSPSC	26101100
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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → Synchronous Reluctance Motors → High Output SynRM Motors

