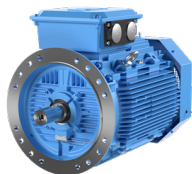




PRODUCT-DETAILS

3GBL202423-BFC**IE5 SynRM Motors, 30 kW, 500 V (3GBL202423-BFC)****General Information**

Product ID	3GBL202423-BFC
ABB Type Designation	M3BL 200MLB 4
Catalog Description	IE5 SynRM Motors, 30 kW, 500 V (3GBL202423-BFC)

Ordering

ABB Type Designation	M3BL 200MLB 4
Invoice Description	M3BL 200MLB 4
Product Name	3-Phase synchronous motor
Product Type	3BL4__M3BL_IE5_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
Replaced Product ID (OLD)	3GBL202413-BFC

Medium Description	30kW, 4 Poles, Frame Size 200, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBL202423-BFC)
Short Description	30kW, 4P, Frame Size 200, 3PH, 500V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	Operational Voltage
Y	--	50 Hz	500 V	30.00 kW	1500 r/min	51.20 A	0.750	95.90 %	190.99 N·m	0.00	470 V
Connection Configuration	Y										
Temperature Class Default	--										
Input Voltage (U _{in})	500 V										
Frequency (f)	50 Hz										
Motor Operational Voltage	470 V										
Output Power	30 kW										
Altitude	1000 m										
Ambient Temperature	40 °C										
IC Class	IC411										
IE Class Data (50 Hz)	IE Class IE5 Full Load (100%) 95.9 % Partial Load (75%) 95.8 % Partial Load (50%) 95.0 %										
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	F										

Mechanical

Frame Material	Cast Iron
Frame Size	200
Bearing	6312/C3
Bearing NDE	6210/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	822 mm
Product Net Height	528 mm
Product Net Width	413 mm
Product Net Weight	304 kg
Gross Weight	314 kg

Environmental

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

Circular Value

ABB EcoSolutions	Yes
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 90 %
Sustainable Material Content	Recycled Metal - 29 %
Group Waste to Landfill Target	No non-hazardous waste is sent to a landfill
Improved Resource Efficiency for Customers Offered with Extended Lifetime	Digital Efficiency - Product is digitally-supported to optimize usage and eventually optimize customer asset Lifetime Extension Services are Offered
End of Life Instructions	3GZW500930-3

Eco Transparency

Environmental Product Declaration - EPD	9AAU00000000028
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Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Synchronous Reluctance Motors → IE5 SynRM Motors

