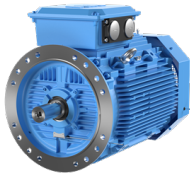




PRODUCT-DETAILS

3GBP202410-BDM

IE4 Super Premium Efficiency Cast Iron Motors, 30 kW, 400 V (3GBP202410-BDM)



General Information

Product ID:	3GBP202410-BDM
ABB Type Designation:	M3BP 200MLA 4
Catalog Description:	IE4 Super Premium Efficiency Cast Iron Motors, 30 kW, 400 V (3GBP202410-BDM)
Display Name:	3GBP202410-BDM

Ordering

ABB Type Designation:	M3BP 200MLA 4
Invoice Description:	M3BP 200MLA 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP4__M3BP_IE4_CI
Country of Origin:	Finland China
Customs Tariff Number:	85015230
Stocked At (Warehouses):	Menden, Germany

Medium Description: 30kW, 4 Poles, Frame Size 200, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP202410-BDM)

Short Description: 30kW, 4P, Frame Size 200, 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	690 V	30.00 kW	1486 r/min	34.70 A	0.760	94.90 %	194.00 N-m	8.70
D	--	50 Hz	400 V	30.00 kW	1486 r/min	59.80 A	0.760	94.90 %	194.00 N-m	8.70
D	--	50 Hz	415 V	30.00 kW	1488 r/min	61.00 A	0.720	94.90 %	193.00 N-m	9.00
D	--	60 Hz	460 V	30.00 kW	1789 r/min	53.30 A	0.740	95.00 %	160.00 N-m	9.50

Connection Configuration: D

Temperature Class Default: --

Input Voltage (U_{in}): 400 V

Frequency (f): 50 Hz

Output Power: 30 kW

Altitude: 1000 m

Ambient Temperature: 40 °C

IC Class: IC411

IE Class Data (50 Hz):
IE Class IE4
Full Load (100%) 94.9 %
Partial Load (75%) 94.6 %
Partial Load (50%) 93.5 %

IE Class Data (60 Hz):
IE Class IE4
Full Load (100%) 95.0 %
Partial Load (75%) 94.8 %
Partial Load (50%) 93.7 %

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: D

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

Product Net Depth / Length: 822 mm

Product Net Height: 528 mm

Product Net Width: 378 mm

Product Net Weight: 304 kg

Gross Weight: 314 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

