



 PRODUCT-DETAILS

3GBA353410-BDNCN

IE4 Super Premium Efficiency Cast Iron Motors, 250 kW, 400 V (3GBA353410-BDNCN)



General Information

Product ID	3GBA353410-BDNCN
ABB Type Designation	M2BAX 355MLA 6
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 250 kW, 400 V (3GBA353410-BDNCN)

Ordering

ABB Type Designation	M2BAX 355MLA 6
Invoice Description	M2BAX 355MLA 6
Product Name	3-Phase squirrel cage motor
Product Type	CBA4__M2BAX_IE4_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN)
Customs Tariff Number	85015381
Medium Description	250kW, 6 Poles, Frame Size 355, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA353410-BDNCN)

Short Description

250kW, 6P, Frame Size 355, 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	690 V	250.00 kW	994 r/min	261.00 A	0.830	96.50 %	2403.00 N·m	6.20
D	--	50 Hz	400 V	250.00 kW	994 r/min	451.00 A	0.830	96.50 %	2403.00 N·m	6.20
Y	--	50 Hz	660 V	250.00 kW	994 r/min	270.00 A	0.840	96.50 %	2403.00 N·m	5.80
D	--	50 Hz	380 V	250.00 kW	994 r/min	469.00 A	0.840	96.50 %	2403.00 N·m	5.80
D	--	60 Hz	440 V	250.00 kW	1194 r/min	415.00 A	0.820	96.50 %	1997.00 N·m	7.00
D	--	60 Hz	460 V	250.00 kW	1195 r/min	401.00 A	0.810	96.50 %	1997.00 N·m	7.30

Connection Configuration D

Temperature Class Default --

Input Voltage (U_{in}) 400 V

Frequency (f) 50 Hz

Output Power 250 kW

Altitude 1000 m

Ambient Temperature 40 °C

IC Class IC411

IE Class Data (50 Hz) IE Class IE4
Full Load (100%) 96.5 %
Partial Load (75%) 96.8 %
Partial Load (50%) 96.7 %

IE Class Data (60 Hz) IE Class IE4
Full Load (100%) 96.5 %
Partial Load (75%) 96.5 %
Partial Load (50%) 95.9 %

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 D

Mechanical

Frame Material Cast Iron

Frame Size 355

Bearing 6322/C3

Bearing NDE 6316/C3

IM Class IMB5 IM3001

Terminator Box Location D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	1584 mm
Product Net Height	933 mm
Product Net Width	700 mm
Product Net Weight	1884 kg
Gross Weight	0 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

