



PRODUCT-DETAILS

3GBP311420-ADM

IE4 Super Premium Efficiency Cast Iron Motors, 200 kW, 400 V (3GBP311420-ADM)



General Information

Product ID:	3GBP311420-ADM
ABB Type Designation:	M3BP 315MLB 2
Catalog Description:	IE4 Super Premium Efficiency Cast Iron Motors, 200 kW, 400 V (3GBP311420-ADM)
Display Name:	3GBP311420-ADM

Ordering

ABB Type Designation:	M3BP 315MLB 2
Invoice Description:	M3BP 315MLB 2
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP4__M3BP_IE4_CI
Country of Origin:	Finland China India Poland
Customs Tariff Number:	85015381

Medium Description: 200kW, 2 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP311420-ADM)

Short Description: 200kW, 2P, Frame Size 315, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	200.00 kW	2983 r/min	194.00 A	0.900	96.50 %	640.00 N·m	6.80
D	--	50 Hz	400 V	200.00 kW	2983 r/min	333.00 A	0.900	96.50 %	640.00 N·m	6.80
D	--	50 Hz	415 V	200.00 kW	2983 r/min	322.00 A	0.900	96.50 %	640.00 N·m	7.80
D	--	60 Hz	460 V	200.00 kW	3584 r/min	290.00 A	0.900	96.20 %	533.00 N·m	7.70

Connection Configuration: D

Temperature Class Default: --

Input Voltage (U_{in}): 400 V

Frequency (f): 50 Hz

Output Power: 200 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%) 96.6 %
Partial Load (50%) 96.3 %

IE Class Data (60 Hz):
IE Class IE4
Full Load (100%) 96.2 %
Partial Load (75%) 96.2 %
Partial Load (50%) 95.5 %

IP Class: IP55

Insulation Class: ICLF

Direction of Rotation: Both sides

Number of Poles (High): 2

Two Speed Motor: No

Type of Duty: S1

Voltage Code: D

Mechanical

Frame Material: Cast Iron

Frame Size: 315

Bearing: 6316/C3

Bearing NDE: 6316/C3

IM Class: IMB3 IM1001

Terminator Box Location: Top

Dimensions

Product Net Depth / Length:	1283 mm
Product Net Height:	732 mm
Product Net Width:	590 mm
Product Net Weight:	1220 kg
Gross Weight:	1240 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
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Categories

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

