



PRODUCT-DETAILS

3GBP312410-ADG

IE2 High Efficiency Cast Iron Motors, 200 kW,
400 V (3GBP312410-ADG)



General Information

Product ID:	3GBP312410-ADG
ABB Type Designation:	M3BP 315MLA 4
Catalog Description:	IE2 High Efficiency Cast Iron Motors, 200 kW, 400 V (3GBP312410-ADG)
Display Name:	3GBP312410-ADG

Ordering

ABB Type Designation:	M3BP 315MLA 4
Invoice Description:	M3BP 315MLA 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP2__M3BP_IE2_CI
Country or Territory of Origin:	Poland Finland China India
Customs Tariff Number:	85015381

Medium Description:	200kW, 4 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP312410-ADG)
Short Description:	200kW, 4P, 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	1486 r/min	203.00 A	0.860	95.60 %	1285.00 N-m	7.20
D	--	50 Hz	400 V	200.00 kW	1486 r/min	351.00 A	0.860	95.60 %	1285.00 N-m	7.20
D	--	50 Hz	415 V	200.00 kW	1488 r/min	342.00 A	0.850	95.60 %	1285.00 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 IE2 Full Load (100%) 95.6 % Partial Load (75%) 95.6 % Partial Load (50%) 95.2 %
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:	315
Bearing:	6319/C3
Bearing NDE:	6316/C3
IM Class:	IMB3 IM1001
Terminator Box Location:	Top

Dimensions

Product Net Depth / Length:	1313 mm
Product Net Height:	852 mm
Product Net Width:	654 mm
Product Net Weight:	1160 kg
Gross Weight:	1180 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 39120000
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Categories

Products > Motors and Generators > IEC Low Voltage AC Motors > Process Performance Motors > IE2 High Efficiency Cast Iron Motors

