



## PRODUCT-DETAILS

**3GBP318411-BDG****IE2 High Efficiency Cast Iron Motors, 190 kW,  
(3GBP318411-BDG)****General Information**

Product ID	3GBP318411-BDG
ABB Type Designation	M3BP 315MLA 2/4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 190 kW, (3GBP318411-BDG)

**Ordering**

ABB Type Designation	M3BP 315MLA 2/4
Invoice Description	M3BP 315MLA 2/4
Product Name	3-Phase squirrel cage motor
Product Type	3BP2_M3BP_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN) Poland (PL)
Customs Tariff Number	85015381

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	400 V	190.00 kW	2981 r/min	322.00 A	0.890	95.40 %	609.00 N-m	7.80
D	--	50 Hz	400 V	27.00 kW	1492 r/min	57.00 A	0.740	93.00 %	173.00 N-m	6.70

Temperature Class Default	--
Output Power	190 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	Yes
Type of Duty	S1
Voltage Code	D

## Mechanical

Frame Material	Cast Iron
Frame Size	315
Bearing	6316/C3
Bearing NDE	6316/C3
IM Class	IMB5 IM3001
Terminator Box Location	Top

## Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Weight	1190 kg
Gross Weight	1210 kg

## Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)

## Classifications

UNSPSC	26101100 39120000
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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Cast Iron Motors  
Motors and Generators → IEC Low Voltage AC Motors → Smoke Extraction Motors → IE2 High Efficiency Cast Iron Motors

