




---

 PRODUCT-DETAILS

## 3GBP401510-BDG

IE2 High Efficiency Cast Iron Motors, 560 kW,  
400 V (3GBP401510-BDG)




---

**General Information**

Product ID	3GBP401510-BDG
ABB Type Designation	M3BP 400LA 2
Catalog Description	IE2 High Efficiency Cast Iron Motors, 560 kW, 400 V (3GBP401510-BDG)

---

**Ordering**

ABB Type Designation	M3BP 400LA 2
Invoice Description	M3BP 400LA 2
Product Name	3-Phase squirrel cage motor
Product Type	3BP2_M3BP_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015394
Stocked At	Shanghai, China

(Warehouses)

Medium Description	560kW, 2 Poles, Frame Size 400, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP401510-BDG)
Short Description	560kW, 2P, Frame Size 400, 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	560.00 kW	2988 r/min	541.00 A	0.890	95.00 %	1789.00 N-m	7.80
D	--	50 Hz	400 V	560.00 kW	2988 r/min	934.00 A	0.890	95.00 %	1789.00 N-m	7.80
D	--	50 Hz	415 V	560.00 kW	2989 r/min	919.00 A	0.880	95.00 %	1789.00 N-m	8.40

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	560 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 95.0 % Partial Load (75%) 94.8 % Partial Load (50%) 93.7 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Unidirectional
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

## Mechanical

Frame Material	Cast Iron
Frame Size	400
Bearing	6317M/C3
Bearing NDE	6317M/C3
IM Class	IMB5 IM3001
Terminator Box Location	Top

## Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Depth / Length	1851 mm
Product Net Height	1045 mm
Product Net Width	840 mm

Product Net Weight	2950 kg
Gross Weight	2990 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
--------	----------------------

---

### Categories

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

