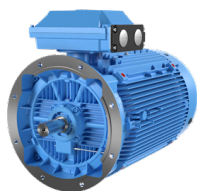




PRODUCT-DETAILS

3GBP312810-BYG

IE2 High Efficiency Cast Iron Motors, 288 kW,
690 V (3GBP312810-BYG)

**General Information**

Product ID	3GBP312810-BYG
ABB Type Designation	M3BP 315LKA 4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 288 kW, 690 V (3GBP312810-BYG)

Ordering

ABB Type Designation	M3BP 315LKA 4
Invoice Description	HIGH OUTPUT
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
Medium Description	288kW, 4 Poles, Frame Size 315, 3 Phases, 690V, 60Hz, IP55 Enclosure,

IMB5/IM3001 Mounting (3GBP312810-BYG)

Short Description 288kW, 4P, Frame Size 315, 3PH, 690V, 60Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed
D	--	60 Hz	690 V	288.00 kW	1800 r/min
Connection Configuration	D				
Temperature Class Default	--				
Input Voltage (U _{in})	690 V				
Frequency (f)	60 Hz				
Output Power	288 kW				
Altitude	1000 m				
Ambient Temperature	40 °C				
IC Class	IC411				
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 95.7 % Partial Load (75%) 95.8 % Partial Load (50%) 95.3 %				
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	X				

Mechanical

Frame Material	Cast Iron
Frame Size	315
Bearing	C319/C3
Bearing NDE	C316/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Depth / Length	1518 mm
Product Net Height	870 mm
Product Net Width	660 mm
Product Net Weight	1410 kg
Gross Weight	1430 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

