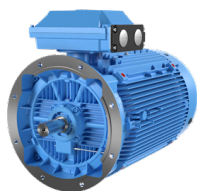




 PRODUCT-DETAILS

3GBP314810-BEK

IE3 Premium Efficiency Cast Iron Motors, 132 kW, 500 V (3GBP314810-BEK)



General Information

Product ID	3GBP314810-BEK
ABB Type Designation	M3BP 315LKA 8
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 132 kW, 500 V (3GBP314810-BEK)

Ordering

ABB Type Designation	M3BP 315LKA 8
Invoice Description	M3BP 315LKA 8
Product Name	3-Phase squirrel cage motor
Product Type	3BP3_M3BP_IE3_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) India (IN)
Customs Tariff Number	85015381

Medium Description	132kW, 8 Poles, Frame Size 315, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP314810-BEK)
Short Description	132kW, 8P, Frame Size 315, 3PH, 500V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	500 V	132.00 kW	744 r/min	212.00 A	0.780	94.00 %	1694.00 N·m	7.20
D	--	60 Hz	575 V	132.00 kW	894 r/min	187.00 A	0.780	94.50 %	1409.00 N·m	8.00

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	500 V
Frequency (f)	50 Hz
Output Power	132 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 94.0 % Partial Load (75%) 94.3 % Partial Load (50%) 94.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.5 % Partial Load (75%) 94.5 % Partial Load (50%) 93.8 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	8
Two Speed Motor	No
Type of Duty	S1
Voltage Code	E

Mechanical

Frame Material	Cast Iron
Frame Size	315
Bearing	6319/C3
Bearing NDE	6316/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	1174 mm
Product Net Height	852 mm

Product Net Width	590 mm
Product Net Weight	1470 kg
Gross Weight	1490 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
---------------	---

Classifications

UNSPSC	26101100
--------	----------

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

