

PRODUCT-DETAILS

3GBP404810-BDG

IE2 High Efficiency Cast Iron Motors, 315 kW, 400 V (3GBP404810-BDG)



General Information

Product ID	3GBP404810-BDG
ABB Type Designation	M3BP 400LKA 8
Catalog Description	IE2 High Efficiency Cast Iron Motors, 315 kW, 400 V (3GBP404810-BDG)

Additional Information

ABB Type Designation	M3BP 400LKA 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6324/C3
Bearing NDE	6319/C3
Connection Configuration	D
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015381

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	315.00 kW	744 r/min	345.00 A	0.810	93.50 %	4043.00 N-m	7.00
D	--	50 Hz	400 V	315.00 kW	744 r/min	592.00 A	0.810	93.50 %	4043.00 N-m	7.00
D	--	50 Hz	415 V	315.00 kW	744 r/min	585.00 A	0.780	93.50 %	4040.00 N-m	6.80

Frame Material	Cast Iron
Frame Size	400

Frequency (f)	50 Hz
Gross Weight	2940 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 93.5 % Partial Load (75%) 93.3 % Partial Load (50%) 92.7 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3BP 400LKA 8
IP Class	IP55
Made To Order	No
Medium Description	315kW, 8 Poles, Frame Size 400, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP404810-BDG)
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Output Power	315 kW
Package Level 1 Units	1 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	1891 mm
Product Net Height	1045 mm
Product Net Weight	2900 kg
Product Net Width	840 mm
Product Type	3BP2__M3BP_IE2_CI
Quote Only	No
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)
Selling Unit of Measure	piece
Short Description	315kW, 8P, Frame Size 400, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Stocked At (Warehouses)	Shanghai, China
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100 39120000
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors

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

