

PRODUCT-DETAILS

3GBP312830-ADG

IE2 High Efficiency Cast Iron Motors, 315 kW, 400 V (3GBP312830-ADG)



General Information

Product ID	3GBP312830-ADG
ABB Type Designation	M3BP 315LKC 4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 315 kW, 400 V (3GBP312830-ADG)

Additional Information

ABB Type Designation	M3BP 315LKC 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6319/C3
Bearing NDE	6316/C3
Connection Configuration	D
Country of Origin	Finland (FI) China (CN) India (IN) Poland (PL)
Customs Tariff Number	85015381
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	315.00 kW	1488 r/min	324.00 A	0.860	95.80 %	2021.00 N·m	7.80
D	--	50 Hz	400 V	315.00 kW	1488 r/min	559.00 A	0.860	95.80 %	2021.00 N·m	7.80
D	--	50 Hz	415 V	315.00 kW	1489 r/min	545.00 A	0.850	95.80 %	2021.00 N·m	8.30

Frame Material	Cast Iron
Frame Size	315
Frequency (f)	50 Hz
Gross Weight	1620 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 95.8 % Partial Load (75%) 95.8 % Partial Load (50%) 95.2 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	HIGH OUTPUT
IP Class	IP55
Made To Order	No
Medium Description	315kW, 4 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBP312830-ADG)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Output Power	315 kW
Package Level 1 Units	1 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	1519 mm
Product Net Height	854 mm
Product Net Weight	1600 kg
Product Net Width	660 mm
Product Type	3BP2_M3BP_IE2_CI
Quote Only	No
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)
Selling Unit of Measure	piece
Service Factor	1.00
Short Description	315kW, 4P, Frame Size 315, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
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 → Process Performance Motors → IE2 High Efficiency Cast Iron Motors

Motors and Generators → IEC Low Voltage AC Motors → Smoke Extraction Motors

