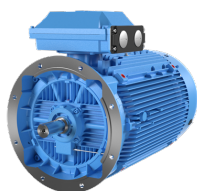


PRODUCT-DETAILS

3GBP312240-BDL

IE3 Premium Efficiency Cast Iron Motor, 160 kW, 400 V (3GBP312240-BDL)



General Information

Product ID	3GBP312240-BDL
ABB Type Designation	M3BP 315SMD 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motor, 160 kW, 400 V (3GBP312240-BDL)

Additional Information

ABB Type Designation	M3BP 315SMD 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	160.00 kW	1488 r/min	164.00 A	0.850	95.80 %	1026.00 N-m	6.90
D	--	50 Hz	400 V	160.00 kW	1488 r/min	282.00 A	0.850	95.80 %	1026.00 N-m	6.90
D	--	50 Hz	415 V	160.00 kW	1489 r/min	277.00 A	0.840	95.80 %	1026.00 N-m	7.40
Frame Material										Cast Iron
Frame Size										315
Frequency (f)										50 Hz
Gross Weight										1085 kg
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.9 % Partial Load (50%) 95.2 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 95.0 % Partial Load (75%) 94.8 % Partial Load (50%) 93.8 %
IM Class										IMB5 IM3001
Input Voltage (U _{in})										400 V
Insulation Class										ICLF
Invoice Description										M3BP 315SMD 4
IP Class										IP55
Made To Order										No
Medium Description					160kW, 4 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP312240-BDL)					
Minimum Order Quantity										1 piece
Number of Poles (High)										4
Order Multiple										1 piece
Output Power										160 kW
Package Level 1 Units										0 pallet (lift)
Product Name										3-Phase squirrel cage motor
Product Net Depth / Length										1204 mm
Product Net Height										852 mm
Product Net Weight										1065 kg
Product Net Width										590 mm
Product Type										5BP3 M3BP CI
Quote Only										No
SCIP						54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)				
Selling Unit of Measure										piece
Short Description						160kW, 4P, Frame Size 315, 3PH, 400V, 50Hz, IP55, IMB5/IM3001				
Stocked At (Warehouses)										Shanghai, China
Temperature Class Default										--
Terminator Box Location										D-End top
Two Speed Motor										No
Type of Duty										S1
UNSPSC										26101100
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 → IE3 Premium Efficiency Cast Iron Motors

