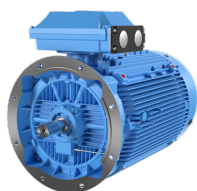


PRODUCT-DETAILS

3GBP312230-BDK

IE3 Premium Efficiency Cast Iron Motor, 110 kW, 400 V (3GBP312230-BDK)



General Information

Product ID	3GBP312230-BDK
ABB Type Designation	M3BP 315SMC 4
Catalog Description	IE3 Premium Efficiency Cast Iron Motor, 110 kW, 400 V (3GBP312230-BDK)

Additional Information

ABB Type Designation	M3BP 315SMC 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	110.00 kW	1489 r/min	115.00 A	0.840	95.40 %	705.00 N·m	7.00
D	--	50 Hz	400 V	110.00 kW	1489 r/min	198.00 A	0.840	95.40 %	705.00 N·m	7.00
Y	--	50 Hz	660 V	110.00 kW	1488 r/min	119.00 A	0.850	95.40 %	705.00 N·m	6.40
D	--	50 Hz	380 V	110.00 kW	1488 r/min	206.00 A	0.850	95.50 %	705.00 N·m	6.40
D	--	50 Hz	415 V	110.00 kW	1490 r/min	194.00 A	0.820	95.40 %	705.00 N·m	7.20
D	--	60 Hz	460 V	110.00 kW	1790 r/min	172.00 A	0.840	95.80 %	587.00 N·m	7.60

Frame Material	Cast Iron
Frame Size	315
Frequency (f)	50 Hz
Gross Weight	970 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 95.4 % Partial Load (75%) 95.4 % Partial Load (50%) 94.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 95.8 % Partial Load (75%) 95.7 % Partial Load (50%) 94.9 %
IM Class	IMB5 IM3001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3BP 315SMC 4
IP Class	IP55
Made To Order	No
Medium Description	110kW, 4 Poles, Frame Size 315, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP312230-BDK)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Output Power	110 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	950 kg
Product Net Width	590 mm
Product Type	3BP3__M3BP_IE3_CI
Quote Only	No
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)
Selling Unit of Measure	piece
Service Factor	1.00
Short Description	110kW, 4P, Frame Size 315, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D

Categories

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

