



PRODUCT-DETAILS

3GBA112310-BDCCN
(3GBA112310-BDCCN)



General Information	
Product ID	3GBA112310-BDCCN
ABB Type Designation	M2BAX 112MA 4
Catalog Description	(3GBA112310-BDCCN)

Ordering	
ABB Type Designation	M2BAX 112MA 4
Invoice Description	M2BAX 112MA 4
Product Name	3-Phase squirrel cage motor
Product Type	CBA2__M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN)
Customs Tariff Number	85015100
Stocked At (Warehouses)	Shanghai, China Guangzhou, China China

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	4.00 kW	1442 r/min	4.98 A	0.780	86.60 %	26.50 N·m	7.50
D	--	50 Hz	400 V	4.00 kW	1442 r/min	8.62 A	0.780	86.60 %	26.50 N·m	7.50
Y	--	50 Hz	660 V	4.00 kW	1433 r/min	4.99 A	0.820	86.60 %	26.50 N·m	7.10
D	--	50 Hz	380 V	4.00 kW	1433 r/min	8.64 A	0.820	86.60 %	26.50 N·m	7.10
D	--	60 Hz	440 V	4.00 kW	1741 r/min	7.52 A	0.810	85.00 %	21.83 N·m	8.50
D	--	60 Hz	460 V	4.00 kW	1746 r/min	7.53 A	0.770	85.00 %	21.83 N·m	8.90

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 86.6 % Partial Load (75%) 86.2 % Partial Load (50%) 84.6 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 85.0 % Partial Load (75%) 83.9 % Partial Load (50%) 81.1 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D

Mechanical

Frame Material	Cast Iron
Frame Size	112
Bearing	6206-2Z/C3
Bearing NDE	6206-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	41 kg
Gross Weight	46 kg

Environmental

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

