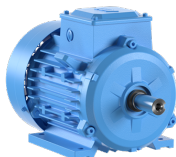


PRODUCT-DETAILS

# 3GBA112310-CDC

## IE2 High Efficiency Cast Iron Motors, 4 kW, 400 V (3GBA112310-CDC)



General Information	
Product ID	3GBA112310-CDC
ABB Type Designation	M2BAX 112MA 4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 4 kW, 400 V (3GBA112310-CDC)

Ordering	
ABB Type Designation	M2BAX 112MA 4
Invoice Description	M2BAX 112MA 4
Product Name	3-Phase squirrel cage motor
Product Type	EBA2__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) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GBA112212-CDB
Stocked At (Warehouses)	Menden, Germany

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	1441 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
Connection Configuration										D
Temperature Class Default										--
Input Voltage (U <sub>in</sub> )										400 V
Frequency (f)										50 Hz
Output Power										4 kW
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 Size	112
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	41 kg

Gross Weight

46 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)

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

