



PRODUCT-DETAILS

3GBA162410-BDN

IE4 Super Premium Efficiency Cast Iron Motors, 11 kW, 400 V (3GBA162410-BDN)



General Information	
Product ID	3GBA162410-BDN
ABB Type Designation	M2BAX 160MLA 4
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 11 kW, 400 V (3GBA162410-BDN)

Ordering	
ABB Type Designation	M2BAX 160MLA 4
Invoice Description	M2BAX 160MLA 4
Product Name	3-Phase squirrel cage motor
Product Type	EBA4__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	85015230
Stocked At (Warehouses)	Menden, Germany
Medium Description	11kW, 4 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA162410-BDN)

Short Description

11kW, 4P, Frame Size 160, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	11.00 kW	1478 r/min	12.80 A	0.770	93.30 %	71.10 N·m	8.10
D	--	50 Hz	400 V	11.00 kW	1478 r/min	22.00 A	0.770	93.30 %	71.08 N·m	8.20
Y	--	50 Hz	660 V	11.00 kW	1475 r/min	13.00 A	0.800	93.30 %	71.24 N·m	7.60
D	--	50 Hz	380 V	11.00 kW	1475 r/min	22.50 A	0.800	93.30 %	71.17 N·m	7.60

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	11 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE4 Full Load (100%) 93.3 % Partial Load (75%) 93.6 % Partial Load (50%) 93.0 %
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	160
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	683.5 mm
Product Net Height	413 mm
Product Net Width	310 mm
Product Net Weight	168 kg

Gross Weight 178 kg

Environmental

WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm)

Classifications

UNSPSC 26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

