



PRODUCT-DETAILS

3GBA162410-ADNCN

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



General Information

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

Ordering

ABB Type Designation	M2BAX 160MLA 4
Invoice Description	M2BAX 160MLA 4
Product Name	3-Phase squirrel cage motor
Product Type	CBA4 _M2BAX_IE4_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	85015230
Medium Description	11kW, 4 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA162410-ADNCN)
Short Description	11kW, 4P, Frame Size 160, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

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	1477 r/min	12.80 A	0.770	93.30 %	71.09 N·m	8.80
D	--	50 Hz	400 V	11.00 kW	1477 r/min	22.10 A	0.770	93.30 %	71.09 N·m	8.80
Y	--	50 Hz	660 V	11.00 kW	1475 r/min	13.10 A	0.790	93.30 %	71.19 N·m	8.20
D	--	50 Hz	380 V	11.00 kW	1475 r/min	22.70 A	0.790	93.30 %	71.20 N·m	8.20
D	--	60 Hz	440 V	11.00 kW	1778 r/min	19.80 A	0.780	93.60 %	59.07 N·m	9.50
D	--	60 Hz	460 V	11.00 kW	1780 r/min	19.70 A	0.750	93.60 %	59.00 N·m	10.10

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%) 93.4 % Partial Load (50%) 92.8 %
IE Class Data (60 Hz)	IE Class IE4 Full Load (100%) 93.6 % Partial Load (75%) 93.4 % Partial Load (50%) 92.2 %
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	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Depth / Length	683.5 mm
Product Net Height	414 mm
Product Net Width	310 mm
Product Net Weight	148 kg
Gross Weight	158 kg

Classifications

UNSPSC	26101100
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Categories

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

