



PRODUCT-DETAILS

3GBA161410-ADNCN

IE4 Super Premium Efficiency Cast Iron Motors, 11 kW, 400 V (3GBA161410-ADNCN)



General Information	
Product ID	3GBA161410-ADNCN
ABB Type Designation	M2BAX 160MLA 2
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 11 kW, 400 V (3GBA161410-ADNCN)

Ordering	
ABB Type Designation	M2BAX 160MLA 2
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, 2 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA161410-ADNCN)
Short Description	11kW, 2P, 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	2941 r/min	11.20 A	0.890	92.60 %	35.72 N·m	8.70
D	--	50 Hz	400 V	11.00 kW	2941 r/min	19.30 A	0.890	92.60 %	35.72 N·m	8.80
Y	--	50 Hz	660 V	11.00 kW	2930 r/min	11.50 A	0.900	92.60 %	35.85 N·m	8.40
D	--	50 Hz	380 V	11.00 kW	2930 r/min	20.10 A	0.900	92.60 %	35.85 N·m	8.30
D	--	60 Hz	440 V	11.00 kW	3541 r/min	17.60 A	0.890	92.40 %	29.66 N·m	9.30
D	--	60 Hz	460 V	11.00 kW	3546 r/min	17.00 A	0.880	92.40 %	29.62 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%) 92.6 % Partial Load (75%) 92.9 % Partial Load (50%) 92.6 %
IE Class Data (60 Hz)	IE Class IE4 Full Load (100%) 92.4 % Partial Load (75%) 92.4 % Partial Load (50%) 91.4 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
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 /	626.5 mm

Length	
Product Net Height	414 mm
Product Net Width	310 mm
Product Net Weight	130 kg
Gross Weight	140 kg

Classifications	
UNSPSC	26101100

Categories

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

