

PRODUCT-DETAILS

3GBA081410-ASNCN

IE4 Super Premium Efficiency Cast Iron Motors, 1,1 kW, 400 V (3GBA081410-ASNCN)



General Information	
Product ID	3GBA081410-ASNCN
ABB Type Designation	M2BAX 80MLA 2
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 1,1 kW, 400 V (3GBA081410-ASNCN)

Ordering	
ABB Type Designation	M2BAX 80MLA 2
Invoice Description	M2BAX 80MLA 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	85015220
Medium Description	1.1kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA081410-ASNCN)
Short Description	1.1kW, 2P, Frame Size 80, 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	400 V	1.10 kW	2884 r/min	2.22 A	0.840	85.20 %	3.65 N·m	8.00
D	--	50 Hz	230 V	1.10 kW	2884 r/min	3.86 A	0.840	85.20 %	3.65 N·m	8.00
Y	--	50 Hz	380 V	1.10 kW	2866 r/min	2.28 A	0.860	85.20 %	3.67 N·m	7.50
D	--	50 Hz	220 V	1.10 kW	2866 r/min	3.94 A	0.860	85.20 %	3.67 N·m	7.50
Y	--	60 Hz	440 V	1.10 kW	3487 r/min	2.01 A	0.840	85.50 %	3.02 N·m	9.00
Y	--	60 Hz	460 V	1.10 kW	3498 r/min	1.97 A	0.820	85.50 %	3.01 N·m	9.60

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	1,1 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE4 Full Load (100%) 85.2 % Partial Load (75%) 86.1 % Partial Load (50%) 85.2 %
IE Class Data (60 Hz)	IE Class IE4 Full Load (100%) 85.5 % Partial Load (75%) 85.4 % Partial Load (50%) 83.1 %
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	S

Mechanical

Frame Material	Cast Iron
Frame Size	80
Bearing	6204-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth /	334 mm

Length	
Product Net Height	192 mm
Product Net Width	154 mm
Product Net Weight	20 kg
Gross Weight	23 kg

Classifications	
UNSPSC	26101100

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

