



PRODUCT-DETAILS

3GBA083420-ASNCN

IE4 Super Premium Efficiency Cast Iron Motors, 0,55 kW, 400 V (3GBA083420-ASNCN)



General Information	
Product ID	3GBA083420-ASNCN
ABB Type Designation	M2BAX 80MLB 6
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 0,55 kW, 400 V (3GBA083420-ASNCN)

Ordering	
ABB Type Designation	M2BAX 80MLB 6
Invoice Description	M2BAX 80MLB 6
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	85015100
Medium Description	0.55kW, 6 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA083420-ASNCN)
Short Description	0.55kW, 6P, 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	0.55 kW	957 r/min	1.42 A	0.690	80.90 %	5.47 N·m	5.10
D	--	50 Hz	230 V	0.55 kW	957 r/min	2.47 A	0.690	80.90 %	5.48 N·m	5.10
Y	--	50 Hz	380 V	0.55 kW	952 r/min	1.43 A	0.720	80.90 %	5.51 N·m	4.90
D	--	50 Hz	220 V	0.55 kW	952 r/min	2.48 A	0.720	80.90 %	5.51 N·m	4.90
Y	--	60 Hz	440 V	0.55 kW	1158 r/min	1.29 A	0.680	82.50 %	4.53 N·m	5.50
Y	--	60 Hz	460 V	0.55 kW	1162 r/min	1.31 A	0.640	82.50 %	4.51 N·m	5.70

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	0,55 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE4 Full Load (100%) 80.9 % Partial Load (75%) 80.5 % Partial Load (50%) 77.3 %
IE Class Data (60 Hz)	IE Class IE4 Full Load (100%) 82.5 % Partial Load (75%) 81.4 % Partial Load (50%) 77.5 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
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 / Length	334 mm
Product Net Height	192 mm
Product Net Width	154 mm

Product Net Weight	23 kg
Gross Weight	26 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

