

PRODUCT-DETAILS

3GBA081310-BSNCN

IE4 Super Premium Efficiency Cast Iron Motors, 0,75 kW, 400 V (3GBA081310-BSNCN)



General Information	
Product ID	3GBA081310-BSNCN
ABB Type Designation	M2BAX 80MA 2
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 0,75 kW, 400 V (3GBA081310-BSNCN)

Ordering	
ABB Type Designation	M2BAX 80MA 2
Invoice Description	M2BAX 80MA 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	85015100
Medium Description	0.75kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA081310-BSNCN)
Short Description	0.75kW, 2P, Frame Size 80, 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	400 V	0.75 kW	2887 r/min	1.56 A	0.830	83.50 %	2.48 N·m	7.80
D	--	50 Hz	230 V	0.75 kW	2887 r/min	2.72 A	0.830	83.50 %	2.49 N·m	7.80
Y	--	50 Hz	380 V	0.75 kW	2872 r/min	1.59 A	0.860	83.50 %	2.50 N·m	7.20
D	--	50 Hz	220 V	0.75 kW	2872 r/min	2.74 A	0.860	83.50 %	2.50 N·m	7.20
Y	--	60 Hz	440 V	0.75 kW	3489 r/min	1.42 A	0.840	82.50 %	2.06 N·m	8.60
Y	--	60 Hz	460 V	0.75 kW	3500 r/min	1.41 A	0.810	82.50 %	2.05 N·m	9.20

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	0,75 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE4 Full Load (100%) 83.5 % Partial Load (75%) 83.9 % Partial Load (50%) 82.3 %
IE Class Data (60 Hz)	IE Class IE4 Full Load (100%) 82.5 % Partial Load (75%) 81.8 % Partial Load (50%) 78.3 %
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	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth /	309 mm

Length	
Product Net Height	192 mm
Product Net Width	154 mm
Product Net Weight	17 kg
Gross Weight	20 kg

Classifications	
UNSPSC	26101100

Categories

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

