



PRODUCT-DETAILS

3GBA132210-BDNCN

IE4 Super Premium Efficiency Cast Iron Motors, 7,5 kW, 400 V (3GBA132210-BDNCN)



General Information

Product ID	3GBA132210-BDNCN
ABB Type Designation	M2BAX 132SMA 4
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors. 7.5 kW, 400 V (3GBA132210-BDNCN)

Ordering

ABB Type Designation	M2BAX 132SMA 4
Invoice Description	M2BAX 132SMA 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	85015220
Medium Description	7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA132210-BDNCN)
Short Description	7.5kW, 4P, Frame Size 132, 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	690 V	7.50 kW	1474 r/min	8.38 A	0.810	92.60 %	48.60 N·m	8.60
D	--	50 Hz	400 V	7.50 kW	1474 r/min	14.50 A	0.810	92.60 %	48.60 N·m	8.60
Y	--	50 Hz	660 V	7.50 kW	1471 r/min	8.57 A	0.830	92.60 %	48.69 N·m	7.90
D	--	50 Hz	380 V	7.50 kW	1471 r/min	14.80 A	0.830	92.60 %	48.69 N·m	7.90
D	--	60 Hz	440 V	7.50 kW	1774 r/min	13.10 A	0.810	92.70 %	40.37 N·m	9.30
D	--	60 Hz	460 V	7.50 kW	1776 r/min	12.80 A	0.790	92.80 %	40.33 N·m	9.90

Connection Configuration	D
Temperature Class	--
Default	
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Output Power	7,5 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%) 93.0 % Partial Load (50%) 92.6 %
IE Class Data (60 Hz)	IE Class IE4 Full Load (100%) 92.7 % Partial Load (75%) 93.0 % Partial Load (50%) 92.3 %
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	132
Bearing	6208-2Z/C3
Bearing NDE	6208-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	479 mm
Product Net Height	302 mm
Product Net Width	262 mm
Product Net Weight	91 kg
Gross Weight	96 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

