



PRODUCT-DETAILS

# 3GBA133220-ADNCN

## IE4 Super Premium Efficiency Cast Iron Motors, 5,5 kW, 400 V (3GBA133220-ADNCN)



General Information	
Product ID	3GBA133220-ADNCN
ABB Type Designation	M2BAX 132SMB 6
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 5,5 kW, 400 V (3GBA133220-ADNCN)

Ordering	
ABB Type Designation	M2BAX 132SMB 6
Invoice Description	M2BAX 132SMB 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	85015220
Medium Description	5.5kW, 6 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA133220-ADNCN)
Short Description	5.5kW, 6P, Frame Size 132, 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	5.50 kW	981 r/min	7.15 A	0.710	90.50 %	53.50 N-m	7.30
D	--	50 Hz	400 V	5.50 kW	981 r/min	12.40 A	0.710	90.50 %	53.50 N-m	7.30
Y	--	50 Hz	660 V	5.50 kW	979 r/min	7.22 A	0.740	90.50 %	53.70 N-m	6.90
D	--	50 Hz	380 V	5.50 kW	979 r/min	12.50 A	0.740	90.50 %	53.70 N-m	6.90
D	--	60 Hz	440 V	5.50 kW	1183 r/min	10.90 A	0.720	91.70 %	44.40 N-m	7.80
D	--	60 Hz	460 V	5.50 kW	1185 r/min	10.80 A	0.700	91.70 %	44.30 N-m	8.20

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	5,5 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE4 Full Load (100%) 90.5 % Partial Load (75%) 91.1 % Partial Load (50%) 90.5 %
IE Class Data (60 Hz)	IE Class IE4 Full Load (100%) 91.7 % Partial Load (75%) 91.9 % Partial Load (50%) 90.7 %
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	D

Mechanical

Frame Material	Cast Iron
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6208-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	521 mm
Product Net Height	302 mm
Product Net Width	262 mm

Product Net Weight	92 kg
Gross Weight	97 kg

Classifications

UNSPSC	26101100
--------	----------

Categories

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

