



PRODUCT-DETAILS

3GBA132310-ADC

IE2 High Efficiency Cast Iron Motors, 7.5 kW,
400 V (3GBA132310-ADC)



General Information

Product ID:	3GBA132310-ADC
ABB Type Designation:	M2BAX 132MA 4
Catalog Description:	IE2 High Efficiency Cast Iron Motors, 7.5 kW, 400 V (3GBA132310-ADC)
Display Name:	3GBA132310-ADC

Ordering

ABB Type Designation:	M2BAX 132MA 4
Invoice Description:	M2BAX 132MA 4
Product Name:	3-Phase squirrel cage motor
Product Type:	EBA2__M2BAX_CI
Country of Origin:	Poland China
Customs Tariff Number:	85015220
Stocked At (Warehouses):	Shanghai, China

Medium Description: 7.5kW, 4 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA132310-ADC)

Short Description: 7.5kW, 4P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	7.50 kW	1457 r/min	9.20 A	0.770	88.70 %	49.10 N·m	7.20
D	--	50 Hz	400 V	7.50 kW	1457 r/min	16.00 A	0.770	88.70 %	49.10 N·m	7.20
Y	--	50 Hz	660 V	7.50 kW	1453 r/min	9.30 A	0.800	88.70 %	49.10 N·m	6.80
D	--	50 Hz	380 V	7.50 kW	1453 r/min	16.20 A	0.800	88.70 %	49.10 N·m	6.80
D	--	60 Hz	440 V	7.50 kW	1759 r/min	14.30 A	0.770	89.50 %	40.50 N·m	7.80
D	--	60 Hz	460 V	7.50 kW	1762 r/min	14.20 A	0.750	89.50 %	40.40 N·m	8.30

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 IE2
Full Load (100%) 88.7 %
Partial Load (75%) 88.6 %
Partial Load (50%) 87.4 %

IE Class Data (60 Hz):
IE Class IE2
Full Load (100%) 89.5 %
Partial Load (75%) 88.8 %
Partial Load (50%) 87.1 %

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
Lubrication:	For life
IM Class:	IMB3 IM1001
Terminator Box Location:	D-End top

Dimensions

Product Net Depth / Length:	521 mm
Product Net Height:	302 mm
Product Net Width:	270 mm
Product Net Weight:	70 kg
Gross Weight:	75 kg

Environmental

WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP:	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland

External Classifications and Standards

Standards:	IEC 60034-1
UNSPSC:	26101100

Categories

Products > Motors and Generators > IEC Low Voltage AC Motors > General Performance Motors > IE2 High Efficiency Cast Iron Motors

