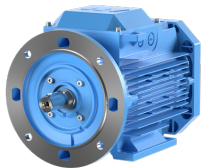




PRODUCT-DETAILS

# 3GAA133100-HDE

## IE2 High Efficiency Aluminum Motors, 3 kW, 400 V (3GAA133100-HDE)



General Information	
Product ID	3GAA133100-HDE
ABB Type Designation	M3AA 132S 6
Catalog Description	IE2 High Efficiency Aluminum Motors, 3 kW, 400 V (3GAA133100-HDE)

Ordering	
ABB Type Designation	M3AA 132S 6
Invoice Description	M3AA 132S 6
Product Name	3-Phase squirrel cage motor
Product Type	3AA2__M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Shanghai, China
Medium Description	3kW, 6 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB35/IM2001 Mounting (3GAA133100-HDE)

Short Description

3kW, 6P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB35/IM2001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	3.00 kW	960 r/min	4.46 A	0.650	83.30 %	29.80 N·m	4.30
D	--	50 Hz	400 V	3.00 kW	960 r/min	7.69 A	0.650	83.30 %	29.80 N·m	4.30
D	--	60 Hz	460 V	3.00 kW	1161 r/min	6.84 A	0.670	85.40 %	24.30 N·m	4.70

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	3 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 83.3 % Partial Load (75%) 82.9 % Partial Load (50%) 80.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 85.4 % Partial Load (75%) 84.3 % Partial Load (50%) 81.0 %
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	Aluminum
Frame Size	132
Bearing	6208-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	487 mm
Product Net Height	296 mm
Product Net Width	262 mm
Product Net Weight	46 kg

Gross Weight	51 kg
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Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Aluminum Motors  
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

