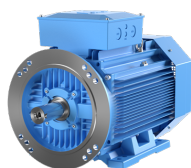


PRODUCT-DETAILS

3GAA201913-HDK (3GAA201913-HDK)



General Information

Product ID	3GAA201913-HDK
ABB Type Designation	M3AA 200MLD 2
Catalog Description	(3GAA201913-HDK)

Ordering

ABB Type Designation	M3AA 200MLD 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA3_M3AA_IE3_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Sweden (SE) Poland (PL)
Customs Tariff Number	85015290
Stocked At (Warehouses)	Menden, Germany

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	400-415 V	45.00 kW	2960 r/min	77.00 A	0.910
Y	--	50 Hz	690 V	45.00 kW	2960 r/min	44.00 A	0.910
D	--	60 Hz	440-460 V	45.00 kW	3560 r/min	96.00 A	0.890

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 94.0 % Partial Load (75%) 94.0 % Partial Load (50%) 93.0 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 94.0 % Partial Load (75%) 94.0 % Partial Load (50%) 92.0 %
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	D

Mechanical

Frame Material	Aluminum
Frame Size	200
Bearing	6312-2Z/C4
Bearing NDE	6210-2Z/C4
Lubrication	For life
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	241 kg
Gross Weight	251 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

