



 PRODUCT-DETAILS

3GLL252843-ADC

IE5 Water Cooled SynRM Motors, 160 kW, 400 V (3GLL252843-ADC)

"No longer for sale" replaced by 3GLL252943-



General Information

Product ID	3GLL252843-ADC
ABB Type Designation	M3LL 250KHD 4
Catalog Description	IE5 Water Cooled SynRM Motors, 160 kW, 400 V (3GLL252843-ADC)

Ordering

ABB Type Designation	M3LL 250KHD 4
Invoice Description	M3LL 250KHD 4
Product Name	3Phase Synchronous reluctance motor
Product Type	3LL5__M3LL_IE5__Water_cooled_SynRM
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015381
Medium Description	160kW, 4 Poles, Frame Size 200, 3 Phases, 370V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GLL252843-ADC)
Short Description	160kW, 4 P. Frame Size 200, 3PH, 370V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	Operational Voltage
D	--	50 Hz	400 V	160.00 kW	1500 r/min	360.00 A	0.730	96.50 %	1018.00 N·m	0.00	370 V

Connection Configuration	D
Temperature Class Default	--
Input Voltage (U _{in})	400 V
Frequency (f)	50 Hz
Motor Operational Voltage	370 V
Output Power	160 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC71W
IE Class Data (50 Hz)	IE Class IE5 Full Load (100%) 96.5 % Partial Load (75%) 96.4 % Partial Load (50%) 96.2 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S9
Voltage Code	D

Mechanical

Frame Material	Welded Steel
Frame Size	250
Bearing	6315/C3
Bearing NDE	6213/HC5C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	665 kg
Gross Weight	675 kg

Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Water Cooled Motors → IE5 Water Cooled SynRM Motors

