



PRODUCT-DETAILS

3GLT182736-HDB**M3LT 180C 4****General Information**

Product ID	3GLT182736-HDB
ABB Type Designation	M3LT 180C 4
Catalog Description	M3LT 180C 4

Ordering

ABB Type Designation	M3LT 180C 4
Invoice Description	M3LT 180C 4
Product Name	High dynamic performance motors
Product Type	3LTB__M3LT__HDP__water_cooled_motor_
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

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	Operational Voltage
D	--	50 Hz	400 V	125.00 kW	3000 r/min	289.00 A	0.810	93.90 %	398.08 N·m	0.00	320 V
D	--	50 Hz	400 V	122.00 kW	3600 r/min	257.00 A	0.810	93.80 %	323.45 N·m	0.00	355 V

Temperature Class Default	--
Motor Operational Voltage	320 V
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC71W
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 93.8 % Partial Load (75%) 93.3 % Partial Load (50%) 91.6 %
IP Class	IP55
Insulation Class	ICLH
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S9
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	180
Bearing	6314-2Z
Bearing NDE	6314-2Z
IM Class	IMB35 IM2001
Terminator Box Location	N-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	485 kg
Gross Weight	495 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 → High Dynamic Performance Motors → HDP Induction Motors

