



PRODUCT-DETAILS

3GFT222724-RDB**M3FT 225B 4****General Information**

Product ID	3GFT222724-RDB
ABB Type Designation	M3FT 225B 4
Catalog Description	M3FT 225B 4

Ordering

ABB Type Designation	M3FT 225B 4
Invoice Description	M3FT 225B 4
Product Name	High dynamic performance motors
Product Type	3FTB__M3FT__HDP__IP23_
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	85015381

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	Operational Voltage
D	--	50 Hz	400 V	292.00 kW	2000 r/min	520.00 A	0.900	94.30 %	1394.00 N-m	382 V
D	--	60 Hz	460 V	310.00 kW	2300 r/min	478.00 A	0.900	94.30 %	1287.00 N-m	441 V

Temperature Class Default	--
Motor Operational Voltage	382 V
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC06
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 94.3 % Partial Load (75%) 95.0 % Partial Load (50%) 95.5 %
IE Class Data (60 Hz)	IE Class NA Full Load (100%) 94.3 % Partial Load (75%) 94.8 % Partial Load (50%) 95.0 %
IP Class	IP23
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	Welded Steel
Frame Size	225
Bearing	6319/C3
Bearing NDE	6316/C3 VL0241
IM Class	IMB3 IM1001
Terminator Box Location	N-End right side

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	963 kg
Gross Weight	973 kg

Environmental

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

Categories

Motors and Generators → IEC Low Voltage AC Motors → High Dynamic Performance Motors → HDP Induction Motors

