



PRODUCT-DETAILS

3GFT282714-AUB**M3FT 280A 4****General Information**

Product ID	3GFT282714-AUB
ABB Type Designation	M3FT 280A 4
Catalog Description	M3FT 280A 4

Ordering

ABB Type Designation	M3FT 280A 4
Invoice Description	M3FT 280A 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	85015394

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	Operational Voltage
D	--	60 Hz	690 V	650.00 kW	2000 r/min	702.00 A	0.870	96.00 %	3103.00 N-m	640 V

Temperature Class Default	--
Motor Operational Voltage	640 V
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC06
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 96.0 % Partial Load (75%) 96.7 % Partial Load (50%) 97.1 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 96.0 % Partial Load (75%) 96.7 % Partial Load (50%) 97.1 %
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	U

Mechanical

Frame Material	Welded Steel
Frame Size	280
Bearing	6322/C3
Bearing NDE	6316/C3VL0241
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	1750 kg
Gross Weight	1770 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

