



PRODUCT-DETAILS

3GFT182714-SDB**M3FT 180A 4****General Information**

Product ID	3GFT182714-SDB
ABB Type Designation	M3FT 180A 4
Catalog Description	M3FT 180A 4

Ordering

ABB Type Designation	M3FT 180A 4
Invoice Description	M3FT 180A 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	IS/IN	Operational Voltage
D	--	50 Hz	400 V	105.00 kW	2000 r/min	220.00 A	0.790	93.10 %	500.52 N·m	0.00	370 V
D	--	60 Hz	460 V	118.00 kW	2400 r/min	211.00 A	0.800	93.50 %	469.13 N·m	0.00	430 V

Temperature Class Default	--
Motor Operational Voltage	370 V
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC06
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 93.1 % Partial Load (75%) 93.0 % Partial Load (50%) 92.2 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 93.5 % Partial Load (75%) 93.4 % Partial Load (50%) 92.5 %
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	Aluminum
Frame Size	180
Bearing	6314/C3
Bearing NDE	6314/C3 VL0241
IM Class	IMB35 IM2001
Terminator Box Location	N-End right side

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	384 kg
Gross Weight	394 kg

Environmental

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

Classifications

UNSPSC

26101100

Categories

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

