



## PRODUCT-DETAILS

**3GET182714-HDB****M3ET 180A 4****General Information**

Product ID	3GET182714-HDB
ABB Type Designation	M3ET 180A 4
Catalog Description	M3ET 180A 4

**Ordering**

ABB Type Designation	M3ET 180A 4
Invoice Description	M3ET 180A 4
Product Name	High dynamic performance motors
Product Type	3ETB_M3ET_HDP_IP55_
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	85015290

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	Operational Voltage
D	--	50 Hz	400 V	54.00 kW	2000 r/min	137.00 A	0.800	93.20 %	257.95 N·m	0.00	300 V
D	--	50 Hz	400 V	58.00 kW	2400 r/min	127.00 A	0.820	93.30 %	228.88 N·m	14.40	345 V
Temperature Class Default											--
Motor Operational Voltage											300 V
Altitude											1000 m
Ambient Temperature											40 °C
IC Class											IC416
IE Class Data (50 Hz)											IE Class IE2 Full Load (100%) 93.2 % Partial Load (75%) 92.9 % Partial Load (50%) 91.5 %
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	389 kg
Gross Weight	399 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

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

