



## PRODUCT-DETAILS

**3GET082714-HDB****M3ET 80A 4****General Information**

Product ID	3GET082714-HDB
ABB Type Designation	M3ET 80A 4
Catalog Description	M3ET 80A 4

**Ordering**

ABB Type Designation	M3ET 80A 4
Invoice Description	M3ET 80A 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)
Customs Tariff Number	85015220

## Electrical

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	Operational Voltage
Y	--	50 Hz	400 V	2.80 kW	2000 r/min	7.10 A	0.750	82.70 %	13.36 N·m	0.00	370 V
Y	--	60 Hz	460 V	3.20 kW	2400 r/min	6.90 A	0.750	84.50 %	12.72 N·m	0.00	425 V

Temperature Class Default	--
Motor Operational Voltage	370 V
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC416
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 82.7 % Partial Load (75%) 83.6 % Partial Load (50%) 82.2 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 84.5 % Partial Load (75%) 85.0 % Partial Load (50%) 83.6 %
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	80
Bearing	6305-2Z
Bearing NDE	6305-2Z
IM Class	IMB35 IM2001
Terminator Box Location	N-End top

## Dimensions

Package Level 1 Units	0 carton
Product Net Weight	22.2 kg
Gross Weight	25.2 kg

## Environmental

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

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## Categories

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

