

PRODUCT-DETAILS

# EBM3611T

## Pump Motor 3 Hp 230 V (EBM3611T)



### General Information

|                         |                                     |
|-------------------------|-------------------------------------|
| Global Commercial Alias | EBM3611T                            |
| Product ID              | 7BEBM3611T                          |
| ABB Type Designation    | 3HP,1760RPM,3PH,60HZ,182T,3632M,TEF |
| Catalog Description     | Pump Motor 3 Hp 230 V (EBM3611T)    |

### Additional Information

|                       |                                     |
|-----------------------|-------------------------------------|
| ABB Type Designation  | 3HP,1760RPM,3PH,60HZ,182T,3632M,TEF |
| Altitude              | 1000 m                              |
| Ambient Temperature   | 40 °C                               |
| Bearing               | 6206                                |
| Bearing NDE           | 6205                                |
| Brake Present         | Yes                                 |
| Brand / Label         | Baldor-Reliance                     |
| Catalog Number        | EBM3611T                            |
| Certification Agency  | CSA<br>CSA EEV<br>UR                |
| Country of Origin     | United States (US)                  |
| Customs Tariff Number | 85015220                            |
| Design                | B                                   |
| Dimension Diagram     | 36LYR030                            |
| Direction of Rotation | Both sides                          |

Drive End Flange Type

Standard

Efficiency Level

2015 Small Motor Standard

IE3

Premium Efficiency (NEMA 12-12)

## Electrical Data

| Current | Freq  | Power | Speed      | Voltage |
|---------|-------|-------|------------|---------|
| 8.4 A   | 60 Hz | 3 Hp  | 1760 r/min | 230 V   |
| 4.2 A   | 60 Hz | 3 Hp  | 1760 r/min | 460 V   |

Enclosure Type

TEFC

ETIM 7

EC001851 - Electric motor

Explosion Proof Group  
Class

NONE

Frame Material

Steel

Frame Size

182

Frequency (f)

60 Hz

Global Commercial Alias

EBM3611T

Gross Volume

7192.91 in<sup>3</sup>

Gross Weight

40.37 kg

Horsepower Rating  
UL/CSA

3.000 Hp

IC Class

TEFC

IDEA Granular Category  
Code (IGCC)

1325 &gt;&gt; General purpose motor AC

IE Class Data (50 Hz)

IE Class NA

IE Class Data (60 Hz)

IE Class NA

IM Class

F1

Insulation Class

ICLF

Invoice Description

3HP,1760RPM,3PH,60HZ,182T,3632M,TEFC,F1

IP Class

IP54

Lubrication

Regreasable

Made To Order

No

Medium Description

Brake, 3 HP, 1800 RPM, Frame Size 182T, Standard Mounting, 3 Phase, TEFC  
Enclosure, 230/460 V, 60 Hz (EBM3611T)

Minimum Order Quantity

1 piece

Motor Base Type

Foot Mounted

Motor Frame Size

182T

NEMA Design Code

B

Number of Phases

3

Number of Poles

4

Number of Poles (High)

4

Number of Speeds

Single Speed

Order Multiple

1 piece

Output Power

3 Hp

Power Factor

75 %

Product Name

Brake

Product Net Depth /  
Length

26.625 in

Product Net Height

16.25 in

Product Net Weight

40.37 kg

Product Net Width

16.625 in

Product Type

Undefined

Quote Only

No

Rated Current (I<sub>N</sub>)9 ... 8.4 A  
4.2 A

Rated Efficiency

89.5 %

Rated Speed

1,760 r/min

Selling Unit of Measure

piece

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| Service Factor            | 1.15                                                             |
| Service Factor Percentage | 1.15 %                                                           |
| Shaft Diameter            | 1.125 in                                                         |
| Short Description         | 3 HP, 1800 RPM, Frame Size 182T, Standard, 3 PH, TEFC, 230/460 V |
| Standards                 | NEMA                                                             |
| Starting of Motor         | Direct On Line                                                   |
| Stocked At (Warehouses)   | China<br>Alabama, United States<br>Alaska, United States         |
|                           | 1800 r/min                                                       |
| Temperature Class Default | --                                                               |
| Two Speed Motor           | No                                                               |
| Type of Duty              | S1                                                               |
| UNSPSC                    | 26101112                                                         |
| Voltage Code              | K                                                                |
| Voltage Rating            | 230 V<br>460 V                                                   |

Categories

Motors and Generators → NEMA Low Voltage AC Motors → Definite Purpose Motors → Brake Motors

Motors and Generators → NEMA Low Voltage AC Motors → Pump Motors → Submersible/Immersible Motors

Motors and Generators → NEMA Low Voltage AC Motors → Unit Handling Motors → General Purpose Unit Handling

