

# Электродвигатели общего назначения (IE4)

## Технические характеристики

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# 4EG132M4F

IE4, 7.50 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**7.50 kW**



Synchronous Speed

**1500 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Cast Iron**

## Specifications

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Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **7.50 kW**

Speed : **1470 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **48.7 Nm**

Number of Poles : **4**

Current : **14.6/8.44 A (D/Y)**

Moment of Inertia : **0.04316 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **92.6 % - 92.7 % - 91.5 %**

Power Factor : **0.80**

Locked Rotor Current : **7.7 Ia/In**

Locked Rotor Torque : **3.8 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **62 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **88.0 kg**

Bearings : **DS (6208ZZ C3) - NS (6208ZZ C3)**

# 4EG132S2C

IE4, 5.50 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**5.50 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **5.50 kW**

Speed : **2945 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **17.8 Nm**

Number of Poles : **2**

Current : **9.60/5.54 A (D/Y)**

Moment of Inertia : **0.02104 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **90.9 % - 90.9 % - 90.0 %**

Power Factor : **0.91**

Locked Rotor Current : **8.9 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **72 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **72.5 kg**

Bearings : **DS (6208ZZ C3) - NS (6208ZZ C3)**

# 4EG132S2D

IE4, 7.50 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**




**B5 Foot Mounted (PA)**




**B14 Bride (FC)**



**B14 Foot Mounted (PC)**

 Efficiency Class  
**IE4**

 Synchronous Speed  
**3000 rpm**

 Frequency  
**50 Hz**

 Output Power  
**7.50 kW**

 Voltage  
**400/690 V (D/Y)**

 Frame Material  
**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **7.50 kW**

Speed : **2945 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **24.5 Nm**

Number of Poles : **2**

Current : **13.0/7.51 A (D/Y)**

Moment of Inertia : **0.02290 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **91.7 % - 92.2 % - 91.8 %**

Power Factor : **0.91**

Locked Rotor Current : **8.5 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **72 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **74.0 kg**

Bearings : **DS (6208ZZ C3) - NS (6208ZZ C3)**

# 4EG132S4D

IE4, 5.50 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**5.50 kW**



Synchronous Speed

**1500 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **5.50 kW**

Speed : **1470 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **35.7 Nm**

Number of Poles : **4**

Current : **11.1/6.41 A (D/Y)**

Moment of Inertia : **0.03418 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **91.9 % - 91.8 % - 90.6 %**

Power Factor : **0.78**

Locked Rotor Current : **7.7 Ia/In**

Locked Rotor Torque : **3.8 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **61 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **75.0 kg**

Bearings : **DS (6208ZZ C3) - NS (6208ZZ C3)**

# 4EG160L2E

IE4, 18.5 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**18.5 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **18.5 kW**

Speed : **2955 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **59.8 Nm**

Number of Poles : **2**

Current : **31.4/18.1 A (D/Y)**

Moment of Inertia : **0.05000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **93.7 % - 93.8 % - 92.9 %**

Power Factor : **0.91**

Locked Rotor Current : **8.7 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **140 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EG160L4F

IE4, 15.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**15.0 kW**



Synchronous Speed

**1500 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **15.0 kW**

Speed : **1475 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **97.5 Nm**

Number of Poles : **4**

Current : **28.9/16.7 A (D/Y)**

Moment of Inertia : **0.12000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **93.9 % - 94.1 % - 93.8 %**

Power Factor : **0.80**

Locked Rotor Current : **8.7 Ia/In**

Locked Rotor Torque : **3.7 Ma/Mn**

Break Down Torque : **4.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **160 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EG160M2C

IE4, 11.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**11.0 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **11.0 kW**

Speed : **2950 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **35.6 Nm**

Number of Poles : **2**

Current : **18.9/10.9 A (D/Y)**

Moment of Inertia : **0.03913 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **92.6 % - 92.7 % - 91.2 %**

Power Factor : **0.91**

Locked Rotor Current : **8.5 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **4.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **127 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EG160M2D

IE4, 15.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**15.0 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **15.0 kW**

Speed : **2950 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **48.6 Nm**

Number of Poles : **2**

Current : **25.6/14.8 A (D/Y)**

Moment of Inertia : **0.04409 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **93.3 % - 93.6 % - 92.8 %**

Power Factor : **0.91**

Locked Rotor Current : **8.5 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **4.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **133 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EG160M4E

IE4, 11.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**11.0 kW**



Synchronous Speed

**1500 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **11.0 kW**

Speed : **1470 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **71.5 Nm**

Number of Poles : **4**

Current : **21.0/12.1 A (D/Y)**

Moment of Inertia : **0.08600 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **93.3 % - 93.5 % - 93.3 %**

Power Factor : **0.81**

Locked Rotor Current : **7.7 Ia/In**

Locked Rotor Torque : **3.0 Ma/Mn**

Break Down Torque : **3.6 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **145 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EG180L4E

IE4, 22.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Output Power

**22.0 kW**



Synchronous Speed

**1500 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **22.0 kW**

Speed : **1475 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **142 Nm**

Number of Poles : **4**

Current : **41.0/23.7 A (D/Y)**

Moment of Inertia : **0.17000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.5 % - 94.7 % - 94.2 %**

Power Factor : **0.82**

Locked Rotor Current : **8.2 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **3.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **212 kg**

Bearings : **DS (6310ZZ C3) - NS (6210ZZ C3)**

PTC : **155°C**

# 4EG180M2C

IE4, 22.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**22.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **22.0 kW**

Speed : **2960 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **71.1 Nm**

Number of Poles : **2**

Current : **37.2/21.5 A (D/Y)**

Moment of Inertia : **0.07000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.0 % - 94.4 % - 93.5 %**

Power Factor : **0.91**

Locked Rotor Current : **8.9 Ia/In**

Locked Rotor Torque : **3.0 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **195 kg**

Bearings : **DS (6310ZZ C3) - NS (6210ZZ C3)**

PTC : **155°C**

# 4EG180M4D

IE4, 18.5 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**18.5 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **18.5 kW**

Speed : **1475 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **120 Nm**

Number of Poles : **4**

Current : **34.6/20.0 A (D/Y)**

Moment of Inertia : **0.14700 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.2 % - 94.4 % - 94.0 %**

Power Factor : **0.82**

Locked Rotor Current : **8.0 Ia/In**

Locked Rotor Torque : **3.1 Ma/Mn**

Break Down Torque : **3.5 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **190 kg**

Bearings : **DS (6310ZZ C3) - NS (6210ZZ C3)**

PTC : **155°C**

# 4EG200L2C

IE4, 30.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**30.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **30.0 kW**

Speed : **2970 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **96.5 Nm**

Number of Poles : **2**

Current : **51.0/29.4 A (D/Y)**

Moment of Inertia : **0.17500 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.5 % - 94.7 % - 94.0 %**

Power Factor : **0.90**

Locked Rotor Current : **8.3 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **272 kg**

Bearings : **DS (6312ZZ C3) - NS (6212ZZ C3)**

PTC : **155°C**

# 4EG200L2D

IE4, 37.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**37.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **37.0 kW**

Speed : **2970 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **120 Nm**

Number of Poles : **2**

Current : **63.3/36.5 A (D/Y)**

Moment of Inertia : **0.20000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.8 % - 95.0 % - 94.2 %**

Power Factor : **0.89**

Locked Rotor Current : **8.3 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **295 kg**

Bearings : **DS (6312ZZ C3) - NS (6212ZZ C3)**

PTC : **155°C**

# 4EG200L4E

IE4, 30.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**30.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **30.0 kW**

Speed : **1480 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **194 Nm**

Number of Poles : **4**

Current : **53.0/30.6 A (D/Y)**

Moment of Inertia : **0.35000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.9 % - 95.3 % - 95.2 %**

Power Factor : **0.86**

Locked Rotor Current : **8.3 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **3.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **310 kg**

Bearings : **DS (6312ZZ C3) - NS (6212ZZ C3)**

PTC : **155°C**

# 4EG225M2D

IE4, 45.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**




**B5 Bride (FA)**



**B5 Foot Mounted (PA)**

 Efficiency Class  
**IE4**

 Synchronous Speed  
**3000 rpm**

 Frequency  
**50 Hz**

 Output Power  
**45.0 kW**

 Voltage  
**400/690 V (D/Y)**

 Frame Material  
**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **45.0 kW**

Speed : **2975 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **145 Nm**

Number of Poles : **2**

Current : **76.0/43.9 A (D/Y)**

Moment of Inertia : **0.29000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.0 % - 95.2 % - 94.9 %**

Power Factor : **0.90**

Locked Rotor Current : **9.0 Ia/In**

Locked Rotor Torque : **3.4 Ma/Mn**

Break Down Torque : **4.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **355 kg**

Bearings : **DS (6313ZZ C3) - NS (6213ZZ C3)**

PTC : **155°C**

# 4EG225M4E

IE4, 45.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**45.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **45.0 kW**

Speed : **1480 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **290 Nm**

Number of Poles : **4**

Current : **79.2/45.7 A (D/Y)**

Moment of Inertia : **0.52000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.4 % - 95.6 % - 95.6 %**

Power Factor : **0.86**

Locked Rotor Current : **8.2 Ia/In**

Locked Rotor Torque : **3.5 Ma/Mn**

Break Down Torque : **3.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **70 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **370 kg**

Bearings : **DS (6313ZZ C3) - NS (6213ZZ C3)**

PTC : **155°C**

# 4EG225S4D

IE4, 37.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**37.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **37.0 kW**

Speed : **1480 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **239 Nm**

Number of Poles : **4**

Current : **65.0/37.5 A (D/Y)**

Moment of Inertia : **0.44100 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.2 % - 95.7 % - 95.0 %**

Power Factor : **0.86**

Locked Rotor Current : **8.1 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **3.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **70 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **350 kg**

Bearings : **DS (6313ZZ C3) - NS (6213ZZ C3)**

PTC : **155°C**

# 4EG250M2D

IE4, 55.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**55.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **55.0 kW**

Speed : **2975 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **250**

Number of Phases : **3**

Torque : **177 Nm**

Number of Poles : **2**

Current : **92.6/53.7 A (D/Y)**

Moment of Inertia : **0.52000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.3 % - 95.5 % - 94.9 %**

Power Factor : **0.90**

Locked Rotor Current : **8.2 Ia/In**

Locked Rotor Torque : **3.4 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **445 kg**

Bearings : **DS (6315ZZ C3) - NS (6215ZZ C3)**

PTC : **155°C**

# 4EG250M4E

IE4, 55.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**55.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **55.0 kW**

Speed : **1485 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **250**

Number of Phases : **3**

Torque : **354 Nm**

Number of Poles : **4**

Current : **94.3/54.4 A (D/Y)**

Moment of Inertia : **1.05000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.7 % - 96.0 % - 96.0 %**

Power Factor : **0.88**

Locked Rotor Current : **8.5 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **3.4 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **70 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **490 kg**

Bearings : **DS (6315ZZ C3) - NS (6215ZZ C3)**

PTC : **155°C**

# 4EG280M2D

IE4, 90.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**90.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **90.0 kW**

Speed : **2985 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **280**

Number of Phases : **3**

Torque : **288 Nm**

Number of Poles : **2**

Current : **151/87.3 A (D/Y)**

Moment of Inertia : **1.10000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.8 % - 95.9 % - 95.0 %**

Power Factor : **0.90**

Locked Rotor Current : **7.7 Ia/In**

Locked Rotor Torque : **2.8 Ma/Mn**

Break Down Torque : **3.5 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **77 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **640 kg**

Bearings : **DS (6316 C3) - NS (6316 C3)**

PTC : **155°C**

# 4EG280M4E

IE4, 90.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**90.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **90.0 kW**

Speed : **1488 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **280**

Number of Phases : **3**

Torque : **578 Nm**

Number of Poles : **4**

Current : **152/87.8 A (D/Y)**

Moment of Inertia : **1.95000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.1 % - 96.3 % - 96.3 %**

Power Factor : **0.89**

Locked Rotor Current : **8.9 Ia/In**

Locked Rotor Torque : **3.1 Ma/Mn**

Break Down Torque : **3.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **71 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **720 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG280S2C

IE4, 75.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**75.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **75.0 kW**

Speed : **2982 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **280**

Number of Phases : **3**

Torque : **240 Nm**

Number of Poles : **2**

Current : **126/72.9 A (D/Y)**

Moment of Inertia : **0.98000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.6 % - 95.6 % - 95.2 %**

Power Factor : **0.90**

Locked Rotor Current : **7.7 Ia/In**

Locked Rotor Torque : **2.7 Ma/Mn**

Break Down Torque : **3.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **76 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **620 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG280S4D

IE4, 75.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**75.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **75.0 kW**

Speed : **1487 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **280**

Number of Phases : **3**

Torque : **482 Nm**

Number of Poles : **4**

Current : **127/73.3 A (D/Y)**

Moment of Inertia : **1.50000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.0 % - 96.3 % - 96.2 %**

Power Factor : **0.89**

Locked Rotor Current : **8.7 Ia/In**

Locked Rotor Torque : **3.0 Ma/Mn**

Break Down Torque : **3.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **70 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **670 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG315L2E

IE4, 160 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**160 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **160 kW**

Speed : **2986 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **512 Nm**

Number of Poles : **2**

Current : **267/154 A (D/Y)**

Moment of Inertia : **2.20000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.3 % - 96.5 % - 96.0 %**

Power Factor : **0.90**

Locked Rotor Current : **8.0 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **78 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1230 kg**

Bearings : **DS (6316 C3) - NS (6316 C3)**

PTC : **155°C**

# 4EG315L2F

IE4, 200 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**200 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **200 kW**

Speed : **2987 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **639 Nm**

Number of Poles : **2**

Current : **332/192 A (D/Y)**

Moment of Inertia : **2.70000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.5 % - 96.7 % - 96.2 %**

Power Factor : **0.90**

Locked Rotor Current : **8.1 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **78 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1340 kg**

Bearings : **DS (6316 C3) - NS (6316 C3)**

PTC : **155°C**

# 4EG315L4F

IE4, 160 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**




**B5 Bride (FA)**




**B5 Foot Mounted (PA)**

 Efficiency Class  
**IE4**

 Synchronous Speed  
**1500 rpm**

 Frequency  
**50 Hz**

 Output Power  
**160 kW**

 Voltage  
**400/690 V (D/Y)**

 Frame Material  
**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **160 kW**

Speed : **1492 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **1024 Nm**

Number of Poles : **4**

Current : **272/157 A (D/Y)**

Moment of Inertia : **4.40000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.6 % - 96.9 % - 96.5 %**

Power Factor : **0.88**

Locked Rotor Current : **8.9 Ia/In**

Locked Rotor Torque : **3.1 Ma/Mn**

Break Down Torque : **3.4 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **76 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1370 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG315L4G

IE4, 200 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**200 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **200 kW**

Speed : **1492 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **1280 Nm**

Number of Poles : **4**

Current : **339/196 A (D/Y)**

Moment of Inertia : **5.20000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.7 % - 97.0 % - 96.6 %**

Power Factor : **0.88**

Locked Rotor Current : **8.8 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **3.5 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **76 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1520 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG315L6E

IE4, 110 kW, 1000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1000 rpm**



Frequency

**50 Hz**



Output Power

**110 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **110 kW**

Speed : **995 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **1056 Nm**

Number of Poles : **6**

Current : **193/111 A (D/Y)**

Moment of Inertia : **4.50000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.8 % - 96.1 % - 95.7 %**

Power Factor : **0.86**

Locked Rotor Current : **8.6 Ia/In**

Locked Rotor Torque : **2.8 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **68 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1280 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG315L6F

IE4, 132 kW, 1000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1000 rpm**



Frequency

**50 Hz**



Output Power

**132 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **132 kW**

Speed : **995 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **1267 Nm**

Number of Poles : **6**

Current : **231/133 A (D/Y)**

Moment of Inertia : **5.20000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.0 % - 96.2 % - 95.8 %**

Power Factor : **0.86**

Locked Rotor Current : **8.5 Ia/In**

Locked Rotor Torque : **2.8 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **68 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1350 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG315L6G

IE4, 160 kW, 1000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1000 rpm**



Frequency

**50 Hz**



Output Power

**160 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **160 kW**

Speed : **995 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **1536 Nm**

Number of Poles : **6**

Current : **280/162 A (D/Y)**

Moment of Inertia : **5.55000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.2 % - 96.4 % - 96.3 %**

Power Factor : **0.86**

Locked Rotor Current : **7.7 Ia/In**

Locked Rotor Torque : **2.9 Ma/Mn**

Break Down Torque : **3.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **70 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1446 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG315M2D

IE4, 132 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**132 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **132 kW**

Speed : **2986 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **422 Nm**

Number of Poles : **2**

Current : **220/127 A (D/Y)**

Moment of Inertia : **2.00000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.2 % - 96.3 % - 96.0 %**

Power Factor : **0.90**

Locked Rotor Current : **8.0 Ia/In**

Locked Rotor Torque : **3.1 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **77 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1070 kg**

Bearings : **DS (6316 C3) - NS (6316 C3)**

PTC : **155°C**

# 4EG315M4E

IE4, 132 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**132 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **132 kW**

Speed : **1492 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **845 Nm**

Number of Poles : **4**

Current : **225/130 A (D/Y)**

Moment of Inertia : **3.30000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.4 % - 96.7 % - 96.2 %**

Power Factor : **0.88**

Locked Rotor Current : **8.9 Ia/In**

Locked Rotor Torque : **2.9 Ma/Mn**

Break Down Torque : **3.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **73 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1270 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG315M6D

IE4, 90.0 kW, 1000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1000 rpm**



Frequency

**50 Hz**



Output Power

**90.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **90.0 kW**

Speed : **994 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **865 Nm**

Number of Poles : **6**

Current : **160/92.0 A (D/Y)**

Moment of Inertia : **3.80000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.6 % - 95.7 % - 95.4 %**

Power Factor : **0.85**

Locked Rotor Current : **8.8 Ia/In**

Locked Rotor Torque : **2.8 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **67 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1250 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG315S2C

IE4, 110 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**




**B5 Bride (FA)**




**B5 Foot Mounted (PA)**

 Efficiency Class  
**IE4**

 Synchronous Speed  
**3000 rpm**

 Frequency  
**50 Hz**

 Output Power  
**110 kW**

 Voltage  
**400/690 V (D/Y)**

 Frame Material  
**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **110 kW**

Speed : **2985 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **352 Nm**

Number of Poles : **2**

Current : **184/106 A (D/Y)**

Moment of Inertia : **1.60000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.0 % - 96.0 % - 95.7 %**

Power Factor : **0.90**

Locked Rotor Current : **7.8 Ia/In**

Locked Rotor Torque : **3.1 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **77 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1110 kg**

Bearings : **DS (6316 C3) - NS (6316 C3)**

PTC : **155°C**

# 4EG315S4D

IE4, 110 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**110 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **110 kW**

Speed : **1491 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **705 Nm**

Number of Poles : **4**

Current : **187/108 A (D/Y)**

Moment of Inertia : **2.80000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **96.3 % - 96.5 % - 96.0 %**

Power Factor : **0.88**

Locked Rotor Current : **8.9 Ia/In**

Locked Rotor Torque : **2.8 Ma/Mn**

Break Down Torque : **3.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **73 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1200 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EG315S6C

IE4, 75.0 kW, 1000 rpm, 400/690 V (D/Y), 50 Hz, Cast Iron



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1000 rpm**



Frequency

**50 Hz**



Output Power

**75.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Cast Iron**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **75.0 kW**

Speed : **994 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Cast Iron**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **721 Nm**

Number of Poles : **6**

Current : **133/77.0 A (D/Y)**

Moment of Inertia : **3.50000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.4 % - 95.5 % - 95.2 %**

Power Factor : **0.85**

Locked Rotor Current : **8.8 Ia/In**

Locked Rotor Torque : **2.8 Ma/Mn**

Break Down Torque : **3.5 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **67 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **1215 kg**

Bearings : **DS (6319 C3) - NS (6319 C3)**

PTC : **155°C**

# 4EL071M2B

IE4, 0.37 kW, 3000 rpm, 230/400 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**0.37 kW**



Synchronous Speed

**3000 rpm**



Voltage

**230/400 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **0.37 kW**

Speed : **2825 rpm**

Voltage : **230/400 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.25 Nm**

Number of Poles : **2**

Current : **1.44/0.83 A (D/Y)**

Moment of Inertia : **0.00037 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **78.1 % - 78.3 % - 76.5 %**

Power Factor : **0.82**

Locked Rotor Current : **5.7 Ia/In**

Locked Rotor Torque : **2.8 Ma/Mn**

Break Down Torque : **3.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **58 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **6.50 kg**

Bearings : **DS (6202ZZ C3) - NS (6202ZZ C3)**

# 4EL071M2C

IE4, 0.55 kW, 3000 rpm, 230/400 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**0.55 kW**



Synchronous Speed

**3000 rpm**



Voltage

**230/400 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **0.55 kW**

Speed : **2825 rpm**

Voltage : **230/400 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.86 Nm**

Number of Poles : **2**

Current : **2.03/1.17 A (D/Y)**

Moment of Inertia : **0.00046 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **81.5 % - 81.9 % - 79.5 %**

Power Factor : **0.83**

Locked Rotor Current : **6.2 Ia/In**

Locked Rotor Torque : **2.9 Ma/Mn**

Break Down Torque : **3.5 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **58 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **7.50 kg**

Bearings : **DS (6202ZZ C3) - NS (6202ZZ C3)**

# 4EL080M2C

IE4, 0.75 kW, 3000 rpm, 230/400 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**0.75 kW**



Synchronous Speed

**3000 rpm**



Voltage

**230/400 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **0.75 kW**

Speed : **2875 rpm**

Voltage : **230/400 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **2.49 Nm**

Number of Poles : **2**

Current : **2.70/1.56 A (D/Y)**

Moment of Inertia : **0.00124 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **83.5 % - 84.0 % - 81.0 %**

Power Factor : **0.83**

Locked Rotor Current : **6.8 Ia/In**

Locked Rotor Torque : **2.9 Ma/Mn**

Break Down Torque : **3.5 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **59 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **11.0 kg**

Bearings : **DS (6204ZZ C3) - NS (6204ZZ C3)**

# 4EL080M2D

IE4, 1.10 kW, 3000 rpm, 230/400 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**




**B5 Foot Mounted (PA)**




**B14 Bride (FC)**



**B14 Foot Mounted (PC)**

 Efficiency Class  
**IE4**

 Synchronous Speed  
**3000 rpm**

 Frequency  
**50 Hz**

 Output Power  
**1.10 kW**

 Voltage  
**230/400 V (D/Y)**

 Frame Material  
**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **1.10 kW**

Speed : **2880 rpm**

Voltage : **230/400 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **3.65 Nm**

Number of Poles : **2**

Current : **3.79/2.19 A (D/Y)**

Moment of Inertia : **0.00135 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **85.2 % - 85.5 % - 84.9 %**

Power Factor : **0.85**

Locked Rotor Current : **7.5 Ia/In**

Locked Rotor Torque : **2.9 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **59 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **12.0 kg**

Bearings : **DS (6204ZZ C3) - NS (6204ZZ C3)**

# 4EL090L2D

IE4, 2.20 kW, 3000 rpm, 230/400 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**2.20 kW**



Synchronous Speed

**3000 rpm**



Voltage

**230/400 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **2.20 kW**

Speed : **2900 rpm**

Voltage : **230/400 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **90**

Number of Phases : **3**

Torque : **7.24 Nm**

Number of Poles : **2**

Current : **7.27/4.20 A (D/Y)**

Moment of Inertia : **0.00234 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **88.0 % - 88.5 % - 87.6 %**

Power Factor : **0.86**

Locked Rotor Current : **8.2 Ia/In**

Locked Rotor Torque : **3.0 Ma/Mn**

Break Down Torque : **3.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **20.0 kg**

Bearings : **DS (6205ZZ C3) - NS (6205ZZ C3)**

# 4EL090S2C

IE4, 1.50 kW, 3000 rpm, 230/400 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**1.50 kW**



Synchronous Speed

**3000 rpm**



Voltage

**230/400 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **1.50 kW**

Speed : **2900 rpm**

Voltage : **230/400 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **90**

Number of Phases : **3**

Torque : **4.94 Nm**

Number of Poles : **2**

Current : **5.11/2.95 A (D/Y)**

Moment of Inertia : **0.00221 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **86.5 % - 86.9 % - 85.7 %**

Power Factor : **0.85**

Locked Rotor Current : **7.8 Ia/In**

Locked Rotor Torque : **2.9 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **17.2 kg**

Bearings : **DS (6205ZZ C3) - NS (6205ZZ C3)**

# 4EL100L2D

IE4, 3.00 kW, 3000 rpm, 230/400 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**3.00 kW**



Synchronous Speed

**3000 rpm**



Voltage

**230/400 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **3.00 kW**

Speed : **2910 rpm**

Voltage : **230/400 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **100**

Number of Phases : **3**

Torque : **9.85 Nm**

Number of Poles : **2**

Current : **9.53/5.50 A (D/Y)**

Moment of Inertia : **0.00503 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **89.1 % - 89.5 % - 88.5 %**

Power Factor : **0.88**

Locked Rotor Current : **8.5 Ia/In**

Locked Rotor Torque : **3.0 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **67 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **25.9 kg**

Bearings : **DS (6206ZZ C3) - NS (6206ZZ C3)**

# 4EL112M2D

IE4, 4.00 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**4.00 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **4.00 kW**

Speed : **2940 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **112**

Number of Phases : **3**

Torque : **13.0 Nm**

Number of Poles : **2**

Current : **7.30/4.21 A (D/Y)**

Moment of Inertia : **0.00734 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **90.0 % - 90.3 % - 89.7 %**

Power Factor : **0.88**

Locked Rotor Current : **8.7 Ia/In**

Locked Rotor Torque : **3.0 Ma/Mn**

Break Down Torque : **4.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **70 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **32.2 kg**

Bearings : **DS (6206ZZ C3) - NS (6206ZZ C3)**

# 4EL132M4F

IE4, 7.50 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**7.50 kW**



Synchronous Speed

**1500 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **7.50 kW**

Speed : **1470 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **48.7 Nm**

Number of Poles : **4**

Current : **14.6/8.44 A (D/Y)**

Moment of Inertia : **0.04316 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **92.6 % - 92.7 % - 91.5 %**

Power Factor : **0.80**

Locked Rotor Current : **7.7 Ia/In**

Locked Rotor Torque : **3.8 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **62 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **72.8 kg**

Bearings : **DS (6208ZZ C3) - NS (6208ZZ C3)**

# 4EL132S2C

IE4, 5.50 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**5.50 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **5.50 kW**

Speed : **2945 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **17.8 Nm**

Number of Poles : **2**

Current : **9.60/5.54 A (D/Y)**

Moment of Inertia : **0.02104 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **90.9 % - 90.9 % - 90.0 %**

Power Factor : **0.91**

Locked Rotor Current : **8.9 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **72 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **52.5 kg**

Bearings : **DS (6208ZZ C3) - NS (6208ZZ C3)**

# 4EL132S2D

IE4, 7.50 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**7.50 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **7.50 kW**

Speed : **2945 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **24.5 Nm**

Number of Poles : **2**

Current : **13.0/7.51 A (D/Y)**

Moment of Inertia : **0.02290 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **91.7 % - 92.2 % - 91.8 %**

Power Factor : **0.91**

Locked Rotor Current : **8.5 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **72 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **55.6 kg**

Bearings : **DS (6208ZZ C3) - NS (6208ZZ C3)**

# 4EL132S4D

IE4, 5.50 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**5.50 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **5.50 kW**

Speed : **1470 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **35.7 Nm**

Number of Poles : **4**

Current : **11.1/6.41 A (D/Y)**

Moment of Inertia : **0.03418 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **91.9 % - 91.8 % - 90.6 %**

Power Factor : **0.78**

Locked Rotor Current : **7.7 Ia/In**

Locked Rotor Torque : **3.8 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **61 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **56.7 kg**

Bearings : **DS (6208ZZ C3) - NS (6208ZZ C3)**

# 4EL160L2E

IE4, 18.5 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**18.5 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **18.5 kW**

Speed : **2955 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **59.8 Nm**

Number of Poles : **2**

Current : **31.4/18.1 A (D/Y)**

Moment of Inertia : **0.05000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **93.7 % - 93.8 % - 92.9 %**

Power Factor : **0.91**

Locked Rotor Current : **8.7 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **114 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EL160L4F

IE4, 15.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**15.0 kW**



Synchronous Speed

**1500 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **15.0 kW**

Speed : **1475 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **97.5 Nm**

Number of Poles : **4**

Current : **28.9/16.7 A (D/Y)**

Moment of Inertia : **0.12000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **93.9 % - 94.1 % - 93.8 %**

Power Factor : **0.80**

Locked Rotor Current : **8.7 Ia/In**

Locked Rotor Torque : **3.7 Ma/Mn**

Break Down Torque : **4.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **112 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EL160M2C

IE4, 11.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**11.0 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **11.0 kW**

Speed : **2950 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **35.6 Nm**

Number of Poles : **2**

Current : **18.9/10.9 A (D/Y)**

Moment of Inertia : **0.03913 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **92.6 % - 92.7 % - 91.2 %**

Power Factor : **0.91**

Locked Rotor Current : **8.5 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **4.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **89.0 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EL160M2D

IE4, 15.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**15.0 kW**



Synchronous Speed

**3000 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **15.0 kW**

Speed : **2950 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **48.6 Nm**

Number of Poles : **2**

Current : **25.6/14.8 A (D/Y)**

Moment of Inertia : **0.04409 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **93.3 % - 93.6 % - 92.8 %**

Power Factor : **0.91**

Locked Rotor Current : **8.5 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **4.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **96.8 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EL160M4E

IE4, 11.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



**B14 Bride (FC)**



**B14 Foot Mounted (PC)**



Efficiency Class

**IE4**



Output Power

**11.0 kW**



Synchronous Speed

**1500 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **11.0 kW**

Speed : **1470 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35 / B34 / B14**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **71.5 Nm**

Number of Poles : **4**

Current : **21.0/12.1 A (D/Y)**

Moment of Inertia : **0.08600 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **93.3 % - 93.5 % - 93.3 %**

Power Factor : **0.81**

Locked Rotor Current : **7.7 Ia/In**

Locked Rotor Torque : **3.0 Ma/Mn**

Break Down Torque : **3.6 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **99.5 kg**

Bearings : **DS (6309ZZ C3) - NS (6209ZZ C3)**

PTC : **155°C**

# 4EL180L4E

IE4, 22.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum




**B3 Foot Mounted (PD)**




**B5 Bride (FA)**



**B5 Foot Mounted (PA)**

 Efficiency Class  
**IE4**

 Synchronous Speed  
**1500 rpm**

 Frequency  
**50 Hz**

 Output Power  
**22.0 kW**

 Voltage  
**400/690 V (D/Y)**

 Frame Material  
**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **22.0 kW**

Speed : **1475 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **142 Nm**

Number of Poles : **4**

Current : **41.0/23.7 A (D/Y)**

Moment of Inertia : **0.17000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.5 % - 94.7 % - 94.2 %**

Power Factor : **0.82**

Locked Rotor Current : **8.2 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **3.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **168 kg**

Bearings : **DS (6310ZZ C3) - NS (6210ZZ C3)**

PTC : **155°C**

# 4EL180M2C

IE4, 22.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**22.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **22.0 kW**

Speed : **2960 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **71.1 Nm**

Number of Poles : **2**

Current : **37.2/21.5 A (D/Y)**

Moment of Inertia : **0.07000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.0 % - 94.4 % - 93.5 %**

Power Factor : **0.91**

Locked Rotor Current : **8.9 Ia/In**

Locked Rotor Torque : **3.0 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **158 kg**

Bearings : **DS (6310ZZ C3) - NS (6210ZZ C3)**

PTC : **155°C**

# 4EL180M4D

IE4, 18.5 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum




**B3 Foot Mounted (PD)**




**B5 Bride (FA)**



**B5 Foot Mounted (PA)**

 Efficiency Class  
**IE4**

 Synchronous Speed  
**1500 rpm**

 Frequency  
**50 Hz**

 Output Power  
**18.5 kW**

 Voltage  
**400/690 V (D/Y)**

 Frame Material  
**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **18.5 kW**

Speed : **1475 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **120 Nm**

Number of Poles : **4**

Current : **34.6/20.0 A (D/Y)**

Moment of Inertia : **0.14700 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.2 % - 94.4 % - 94.0 %**

Power Factor : **0.82**

Locked Rotor Current : **8.0 Ia/In**

Locked Rotor Torque : **3.1 Ma/Mn**

Break Down Torque : **3.5 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **142 kg**

Bearings : **DS (6310ZZ C3) - NS (6210ZZ C3)**

PTC : **155°C**

# 4EL200L2C

IE4, 30.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**30.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **30.0 kW**

Speed : **2970 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **96.5 Nm**

Number of Poles : **2**

Current : **51.0/29.4 A (D/Y)**

Moment of Inertia : **0.17500 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.5 % - 94.7 % - 94.0 %**

Power Factor : **0.90**

Locked Rotor Current : **8.3 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **3.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **215 kg**

Bearings : **DS (6312ZZ C3) - NS (6212ZZ C3)**

PTC : **155°C**

# 4EL200L2D

IE4, 37.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**37.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **37.0 kW**

Speed : **2970 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **120 Nm**

Number of Poles : **2**

Current : **63.3/36.5 A (D/Y)**

Moment of Inertia : **0.20000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.8 % - 95.0 % - 94.2 %**

Power Factor : **0.89**

Locked Rotor Current : **8.3 Ia/In**

Locked Rotor Torque : **3.2 Ma/Mn**

Break Down Torque : **4.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **235 kg**

Bearings : **DS (6312ZZ C3) - NS (6212ZZ C3)**

PTC : **155°C**

# 4EL200L4E

IE4, 30.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Output Power

**30.0 kW**



Synchronous Speed

**1500 rpm**



Voltage

**400/690 V (D/Y)**



Frequency

**50 Hz**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **30.0 kW**

Speed : **1480 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **194 Nm**

Number of Poles : **4**

Current : **53.0/30.6 A (D/Y)**

Moment of Inertia : **0.35000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **94.9 % - 95.3 % - 95.2 %**

Power Factor : **0.86**

Locked Rotor Current : **8.3 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **3.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **64 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **235 kg**

Bearings : **DS (6312ZZ C3) - NS (6212ZZ C3)**

PTC : **155°C**

# 4EL225M2D

IE4, 45.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**3000 rpm**



Frequency

**50 Hz**



Output Power

**45.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **45.0 kW**

Speed : **2975 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **3000 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **145 Nm**

Number of Poles : **2**

Current : **76.0/43.9 A (D/Y)**

Moment of Inertia : **0.29000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.0 % - 95.2 % - 94.9 %**

Power Factor : **0.90**

Locked Rotor Current : **9.0 Ia/In**

Locked Rotor Torque : **3.4 Ma/Mn**

Break Down Torque : **4.2 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **74 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **255 kg**

Bearings : **DS (6313ZZ C3) - NS (6213ZZ C3)**

PTC : **155°C**

# 4EL225M4E

IE4, 45.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**45.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **45.0 kW**

Speed : **1480 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **290 Nm**

Number of Poles : **4**

Current : **79.2/45.7 A (D/Y)**

Moment of Inertia : **0.52000 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.4 % - 95.6 % - 95.6 %**

Power Factor : **0.86**

Locked Rotor Current : **8.2 Ia/In**

Locked Rotor Torque : **3.5 Ma/Mn**

Break Down Torque : **3.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **70 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **320 kg**

Bearings : **DS (6313ZZ C3) - NS (6213ZZ C3)**

PTC : **155°C**

# 4EL225S4D

IE4, 37.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



**B3 Foot Mounted (PD)**



**B5 Bride (FA)**



**B5 Foot Mounted (PA)**



Efficiency Class

**IE4**



Synchronous Speed

**1500 rpm**



Frequency

**50 Hz**



Output Power

**37.0 kW**



Voltage

**400/690 V (D/Y)**



Frame Material

**Aluminum**

## Specifications

---

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **37.0 kW**

Speed : **1480 rpm**

Voltage : **400/690 V (D/Y)**

Frequency : **50 Hz**

Frame Material : **Aluminum**

Structure Shape : **B5 / B3 / B35**

Terminal Box Position : **Top**

Efficiency Class : **IE4**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **239 Nm**

Number of Poles : **4**

Current : **65.0/37.5 A (D/Y)**

Moment of Inertia : **0.44100 kg.m<sup>2</sup>**

Load : **4/4 - 3/4 - 1/2**

Efficiency : **95.2 % - 95.7 % - 95.0 %**

Power Factor : **0.86**

Locked Rotor Current : **8.1 Ia/In**

Locked Rotor Torque : **3.3 Ma/Mn**

Break Down Torque : **3.3 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **70 dB(A)**

Vibration Class : **A**

Duty Cycle : **S1 (Continuous Running Duty)**

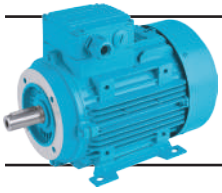
Service Factor : **1.25**

Direction of Rotation : **Clockwise**

Motor Weight : **270 kg**

Bearings : **DS (6313ZZ C3) - NS (6213ZZ C3)**

PTC : **155°C**



# Elektrik Motorlarının Performans Değerleri

## Electric Motors Ratings and Performance

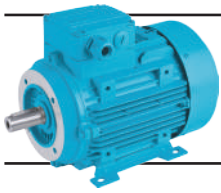
### Elektromotoren Leistungsdaten



400V 50Hz 3000 d/d / 400V 50Hz 3000 rpm / 400V 50Hz 3000 UpM

IE4

Tip Type Typ	Tam Yük Değerleri Full-load Data Volllastdaten							Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmo- ment	Atalet Momenti Moment of Inertia Trägheits- moment	B3 Motor Ağırlığı B3 Motor Weight B3 Motor Gewicht	Ses Seviyesi Noise Level Geräusch- pegel
	Güç	Devir	Akım	Moment	Güç Faktörü	Verim % $\eta$			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % $\eta$			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % $\eta$			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos $\phi$	4 / 4	3 / 4	1 / 2	$I_A/I_N$	$M_A/M_N$	$M_K/M_N$	kgm <sup>2</sup>	kg	dB(A)
4E71M/2B	0,37	2825	0,83	1,25	0,82	78,1	78,3	76,5	5,7	2,8	3,2	0,00037	6,50	58
4E71M/2C	0,55	2825	1,17	1,86	0,83	81,5	81,9	79,5	6,2	2,9	3,5	0,00046	7,50	58
4E80M/2C	0,75	2875	1,56	2,49	0,83	83,5	84,0	81,0	6,8	2,9	3,5	0,00124	11,0	59
4E80M/2D	1,10	2880	2,19	3,65	0,85	85,2	85,5	84,9	7,5	2,9	3,7	0,00135	12,0	59
4E90S/2C	1,50	2900	2,95	4,94	0,85	86,5	86,9	85,7	7,8	2,9	3,7	0,00221	17,2	64
4E90L/2D	2,20	2900	4,20	7,24	0,86	88,0	88,5	87,6	8,2	3,0	3,8	0,00234	20,0	64
4E100L/2D	3,00	2910	5,50	9,85	0,88	89,1	89,5	88,5	8,5	3,0	4,0	0,00503	25,9	67
4E112M/2D	4,00	2940	7,30	13,0	0,88	90,0	90,3	89,7	8,7	3,0	4,2	0,00734	32,5	70
4E132S/2C	5,50	2945	9,60	17,8	0,91	90,9	90,9	90,0	8,9	3,2	4,2	0,02104	52,5	72
4E132S/2D	7,50	2945	13,0	24,5	0,91	91,7	92,2	91,8	8,5	3,2	4,2	0,02290	54,0	72
4E160M/2C	11,0	2950	18,9	35,6	0,91	92,6	92,7	91,2	8,5	3,3	4,3	0,03913	89,0	74
4E160M/2D	15,0	2950	25,6	48,6	0,91	93,3	93,6	92,8	8,5	3,3	4,3	0,04409	95,2	74
4E160L/2E	18,5	2955	31,4	59,8	0,91	93,7	93,8	92,9	8,7	3,2	4,3	0,05000	101	74
4E180M/2C	22,0	2960	37,2	71,1	0,91	94,0	94,4	93,5	8,9	3,0	4,0	0,07000	195	74
4E200L/2C	30,0	2970	51,0	96,5	0,90	94,5	94,7	94,0	8,3	3,2	3,7	0,17500	272	74
4E200L/2D	37,0	2970	63,3	120	0,89	94,8	95,0	94,2	8,3	3,2	4,0	0,20000	295	74
4E225M/2D	45,0	2975	76,0	145	0,90	95,0	95,2	94,9	9,0	3,4	4,2	0,29000	385	74
4E250M/2D	55,0	2975	90,5	177	0,92	95,3	95,5	94,9	8,2	3,4	3,7	0,52000	520	74
4E280S/2C	75,0	2982	124	240	0,91	95,6	95,6	95,2	7,7	2,7	3,2	0,98000	640	76
4E280M/2D	90,0	2985	149	288	0,91	95,8	95,9	95,0	7,7	2,8	3,5	1,10000	720	77
4E315S/2C	110	2985	182	352	0,91	96,0	96,0	95,7	7,8	2,6	3,3	1,60000	905	77
4E315M/2D	132	2986	217	422	0,91	96,2	96,3	96,0	8,0	2,6	3,3	2,00000	1085	77
4E315L/2E	160	2986	260	512	0,92	96,3	96,5	96,0	8,0	2,7	3,4	2,20000	1195	78
4E315L/2F	200	2987	325	639	0,92	96,5	96,7	96,2	8,1	2,9	3,5	2,70000	1310	78



# Elektrik Motorlarının Performans Değerleri

## Electric Motors Ratings and Performance

### Elektromotoren Leistungsdaten



400V 50Hz 1500 d/d / 400V 50Hz 1500 rpm / 400V 50Hz 1500 UpM

IE4

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten						Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmo- ment	Atalet Momenti Moment of Inertia Trägheits- moment	B3 Motor Ağırlığı B3 Motor Weight B3 Motor Gewicht	Ses Seviyesi Noise Level Geräusch- pegel	
	Güç	Devir	Akım	Moment	Güç Faktörü	Verim % $\eta$			Akım					Moment
	Power	Speed	Current	Torque	Power Factor	Efficiency % $\eta$			Current					Torque
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % $\eta$			Nennstrom					Drehmoment
	kW	d/d rpm UpM	A	Nm	cos $\phi$	4 / 4	3 / 4	1 / 2	$I_A/I_N$	$M_A/M_N$	$M_K/M_N$	kgm <sup>2</sup>	kg	dB(A)
4E132S/4D	5,50	1470	11,1	35,7	0,78	91,9	91,8	90,6	7,7	3,8	3,7	0,03418	60,0	61
4E132M/4F	7,50	1470	14,6	48,7	0,80	92,6	92,7	91,5	7,7	3,8	4,0	0,04316	72,8	62
4E160M/4E	11,0	1470	21,0	71,5	0,81	93,3	93,5	93,3	7,7	3,0	3,6	0,08600	116	64
4E160L/4F	15,0	1475	28,9	97,5	0,80	93,9	94,1	93,8	8,7	3,7	4,3	0,12000	130	64
4E180L/4D	18,5	1475	34,6	120	0,82	94,2	94,4	94,0	8,0	3,1	3,5	0,14700	190	64
4E180L/4E	22,0	1475	41,0	142	0,82	94,5	94,7	94,2	8,2	3,2	3,8	0,17000	212	64
4E200L/4E	30,0	1480	53,0	194	0,86	94,9	95,3	95,2	8,3	3,3	3,8	0,35000	310	64
4E225S/4D	37,0	1480	65,0	239	0,86	95,2	95,7	95,0	8,1	3,3	3,3	0,44100	355	70
4E225M/4E	45,0	1480	79,2	290	0,86	95,4	95,6	95,6	8,2	3,5	3,3	0,52000	405	70
4E250M/4D	55,0	1485	94,3	354	0,88	95,7	96,0	96,0	8,3	3,3	3,4	1,05000	522	70
4E280S/4D	75,0	1487	127	482	0,89	96,0	96,3	96,2	7,6	3,0	3,2	1,50000	670	70
4E280M/4E	90,0	1488	152	578	0,89	96,1	96,3	96,3	7,6	3,1	3,2	1,95000	790	71
4E315S/4D	110	1490	187	705	0,88	96,3	96,5	96,0	7,8	2,8	3,3	2,80000	975	73
4E315M/4E	132	1490	225	846	0,88	96,4	96,7	96,2	8,0	2,9	3,3	3,30000	1050	73
4E315L/4F	160	1490	269	1026	0,89	96,6	96,9	96,5	8,2	3,1	3,4	4,40000	1250	76
4E315L/4G	200	1490	335	1282	0,89	96,7	97,0	96,6	8,3	3,3	3,5	5,20000	1490	76

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