

Электродвигатели общего назначения (IE3)

Технические характеристики

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3EC071M2C

IE3, 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
IE3

 Synchronous Speed
3000 rpm

 Frequency
50 Hz

 Output Power
0.75 kW

 Voltage
230/400 V (D/Y)

 Frame Material
Aluminum

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **0.75 kW**

Speed : **2810 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **2.55 Nm**

Number of Poles : **2**

Current : **2.88/1.66 A (D/Y)**

Moment of Inertia : **0.00046 kg.m²**

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

Efficiency : **80.7 % - 81.0 % - 80.3 %**

Power Factor : **0.81**

Locked Rotor Current : **5.0 Ia/In**

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **3.1 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **55 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **7.20 kg**

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

3EC080M2D

IE3, 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

IE3



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 : **2850 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **5.03 Nm**

Number of Poles : **2**

Current : **5.30/3.06 A (D/Y)**

Moment of Inertia : **0.00135 kg.m²**

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

Efficiency : **84.2 % - 84.8 % - 84.2 %**

Power Factor : **0.84**

Locked Rotor Current : **6.4 Ia/In**

Locked Rotor Torque : **3.2 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 : **59 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **11.8 kg**

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

3EC090L2D

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **90**

Number of Phases : **3**

Torque : **9.96 Nm**

Number of Poles : **2**

Current : **10.3/5.92 A (D/Y)**

Moment of Inertia : **0.00234 kg.m²**

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

Efficiency : **87.1 % - 87.7 % - 87.5 %**

Power Factor : **0.84**

Locked Rotor Current : **7.3 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 : **63 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **19.2 kg**

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

3EC100L2D

IE3, 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

IE3



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 : **2900 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **100**

Number of Phases : **3**

Torque : **13.2 Nm**

Number of Poles : **2**

Current : **7.53/4.35 A (D/Y)**

Moment of Inertia : **0.00503 kg.m²**

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

Efficiency : **88.1 % - 89.1 % - 88.6 %**

Power Factor : **0.87**

Locked Rotor Current : **8.4 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 : **66 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **25.4 kg**

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

3EC112M2D

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **112**

Number of Phases : **3**

Torque : **17.9 Nm**

Number of Poles : **2**

Current : **10.4/6.00 A (D/Y)**

Moment of Inertia : **0.00734 kg.m²**

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

Efficiency : **90.0 % - 90.3 % - 89.3 %**

Power Factor : **0.86**

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

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

Break Down Torque : **4.4 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)**

Direction of Rotation : **Clockwise**

Motor Weight : **32.0 kg**

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

3EC112M4F

IE3, 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

IE3



Output Power

5.50 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 : **5.50 kW**

Speed : **1455 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **112**

Number of Phases : **3**

Torque : **36.1 Nm**

Number of Poles : **4**

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

Moment of Inertia : **0.01620 kg.m²**

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

Efficiency : **89.6 % - 90.2 % - 89.6 %**

Power Factor : **0.80**

Locked Rotor Current : **7.4 Ia/In**

Locked Rotor Torque : **3.1 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)**

Direction of Rotation : **Clockwise**

Motor Weight : **38.6 kg**

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

3EC132M2D

IE3, 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

IE3



Synchronous Speed

3000 rpm



Frequency

50 Hz



Output Power

11.0 kW



Voltage

400/690 V (D/Y)



Frame Material

Aluminum

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **11.0 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **35.7 Nm**

Number of Poles : **2**

Current : **19.8/11.4 A (D/Y)**

Moment of Inertia : **0.02290 kg.m²**

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

Efficiency : **91.2 % - 91.9 % - 91.5 %**

Power Factor : **0.88**

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

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

Break Down Torque : **4.4 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **69 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **55.5 kg**

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

3EC132M4E

IE3, 9.00 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

IE3



Output Power

9.00 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 : **9.00 kW**

Speed : **1460 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **58.9 Nm**

Number of Poles : **4**

Current : **17.9/10.3 A (D/Y)**

Moment of Inertia : **0.03600 kg.m²**

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

Efficiency : **90.8 % - 91.6 % - 91.2 %**

Power Factor : **0.80**

Locked Rotor Current : **7.4 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 : **64 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **61.4 kg**

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

3EC132M4F

IE3, 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

IE3



Synchronous Speed

1500 rpm



Frequency

50 Hz



Output Power

11.0 kW



Voltage

400/690 V (D/Y)



Frame Material

Aluminum

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **11.0 kW**

Speed : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **71.7 Nm**

Number of Poles : **4**

Current : **21.7/12.5 A (D/Y)**

Moment of Inertia : **0.04320 kg.m²**

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

Efficiency : **91.4 % - 91.6 % - 91.5 %**

Power Factor : **0.80**

Locked Rotor Current : **7.4 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 : **64 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **72.5 kg**

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

3EC160L2E

IE3, 22.0 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

IE3



Output Power

22.0 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 : **22.0 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **71.5 Nm**

Number of Poles : **2**

Current : **38.1/22.0 A (D/Y)**

Moment of Inertia : **0.04710 kg.m²**

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

Efficiency : **92.7 % - 93.2 % - 92.8 %**

Power Factor : **0.90**

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

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

Break Down Torque : **4.4 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)**

Direction of Rotation : **Clockwise**

Motor Weight : **114 kg**

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

PTC : **155°C**

3EC160L4F

IE3, 18.5 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

IE3



Output Power

18.5 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 : **18.5 kW**

Speed : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **121 Nm**

Number of Poles : **4**

Current : **35.8/20.7 A (D/Y)**

Moment of Inertia : **0.09300 kg.m²**

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

Efficiency : **92.6 % - 93.1 % - 92.8 %**

Power Factor : **0.81**

Locked Rotor Current : **7.4 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 : **65 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **113 kg**

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

PTC : **155°C**

3EC180L4E

IE3, 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

IE3



Synchronous Speed

1500 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 : **1470 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **195 Nm**

Number of Poles : **4**

Current : **58.0/33.5 A (D/Y)**

Moment of Inertia : **0.16400 kg.m²**

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

Efficiency : **93.6 % - 94.1 % - 93.9 %**

Power Factor : **0.80**

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

Locked Rotor Torque : **3.2 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 : **66 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **164 kg**

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

PTC : **155°C**

3EC180M2C

IE3, 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

IE3



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 : **2955 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **96.9 Nm**

Number of Poles : **2**

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

Moment of Inertia : **0.08800 kg.m²**

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

Efficiency : **93.3 % - 93.9 % - 93.8 %**

Power Factor : **0.91**

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

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

Break Down Torque : **4.4 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)**

Direction of Rotation : **Clockwise**

Motor Weight : **150 kg**

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

PTC : **155°C**

3EC200L2D

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **145 Nm**

Number of Poles : **2**

Current : **78.1/45.1 A (D/Y)**

Moment of Inertia : **0.18700 kg.m²**

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

Efficiency : **94.0 % - 94.9 % - 94.7 %**

Power Factor : **0.89**

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

Locked Rotor Torque : **3.6 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)**

Direction of Rotation : **Clockwise**

Motor Weight : **200 kg**

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

PTC : **155°C**

3EC200L4D

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **240 Nm**

Number of Poles : **4**

Current : **66.1/38.2 A (D/Y)**

Moment of Inertia : **0.28400 kg.m²**

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

Efficiency : **93.9 % - 94.7 % - 94.9 %**

Power Factor : **0.86**

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

Locked Rotor Torque : **3.2 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 : **68 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **194 kg**

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

PTC : **155°C**

3EC225M2C

IE3, 55.0 kW, 3000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



Efficiency Class

IE3



Synchronous Speed

3000 rpm



Frequency

50 Hz



Output Power

55.0 kW



Voltage

400/690 V (D/Y)



Frame Material

Aluminum

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **55.0 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **177 Nm**

Number of Poles : **2**

Current : **94.6/54.6 A (D/Y)**

Moment of Inertia : **0.25300 kg.m²**

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

Efficiency : **94.3 % - 94.8 % - 94.6 %**

Power Factor : **0.89**

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

Locked Rotor Torque : **3.6 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 : **78 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **254 kg**

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

PTC : **155°C**

3EC225M4E

IE3, 55.0 kW, 1500 rpm, 400/690 V (D/Y), 50 Hz, Aluminum




B3 Foot Mounted (PD)




B5 Bride (FA)



B5 Foot Mounted (PA)

 Efficiency Class
IE3

 Synchronous Speed
1500 rpm

 Frequency
50 Hz

 Output Power
55.0 kW

 Voltage
400/690 V (D/Y)

 Frame Material
Aluminum

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **55.0 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **355 Nm**

Number of Poles : **4**

Current : **97.7/56.4 A (D/Y)**

Moment of Inertia : **0.50200 kg.m²**

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

Efficiency : **94.6 % - 95.2 % - 95.4 %**

Power Factor : **0.86**

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

Locked Rotor Torque : **3.6 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 : **70 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **320 kg**

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

PTC : **155°C**

3ED132M2D

IE3, 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

IE3



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 : **2940 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **35.7 Nm**

Number of Poles : **2**

Current : **19.8/11.4 A (D/Y)**

Moment of Inertia : **0.02290 kg.m²**

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

Efficiency : **91.2 % - 91.9 % - 91.5 %**

Power Factor : **0.88**

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

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

Break Down Torque : **4.4 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **69 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **72.6 kg**

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

3ED132M4E

IE3, 9.00 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

IE3



Output Power

9.00 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 : **9.00 kW**

Speed : **1460 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **58.9 Nm**

Number of Poles : **4**

Current : **17.9/10.3 A (D/Y)**

Moment of Inertia : **0.03600 kg.m²**

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

Efficiency : **90.8 % - 91.6 % - 91.2 %**

Power Factor : **0.80**

Locked Rotor Current : **7.4 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 : **64 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **77.0 kg**

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

3ED132M4F

IE3, 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

IE3



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 : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **71.7 Nm**

Number of Poles : **4**

Current : **21.7/12.5 A (D/Y)**

Moment of Inertia : **0.04320 kg.m²**

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

Efficiency : **91.4 % - 91.6 % - 91.5 %**

Power Factor : **0.80**

Locked Rotor Current : **7.4 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 : **64 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **87.8 kg**

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

3ED160L2E

IE3, 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)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE3



Output Power

22.0 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 : **22.0 kW**

Speed : **2940 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **71.5 Nm**

Number of Poles : **2**

Current : **38.1/22.0 A (D/Y)**

Moment of Inertia : **0.04710 kg.m²**

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

Efficiency : **92.7 % - 93.2 % - 92.8 %**

Power Factor : **0.90**

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

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

Break Down Torque : **4.4 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)**

Direction of Rotation : **Clockwise**

Motor Weight : **145 kg**

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

PTC : **155°C**

3ED160L4F

IE3, 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)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE3



Output Power

18.5 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 : **18.5 kW**

Speed : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **121 Nm**

Number of Poles : **4**

Current : **35.8/20.7 A (D/Y)**

Moment of Inertia : **0.09300 kg.m²**

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

Efficiency : **92.6 % - 93.1 % - 92.8 %**

Power Factor : **0.81**

Locked Rotor Current : **7.4 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 : **65 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **156 kg**

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

PTC : **155°C**

3ED180L4E

IE3, 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

IE3



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 : **1470 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **195 Nm**

Number of Poles : **4**

Current : **58.0/33.5 A (D/Y)**

Moment of Inertia : **0.16400 kg.m²**

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

Efficiency : **93.6 % - 94.1 % - 93.9 %**

Power Factor : **0.80**

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

Locked Rotor Torque : **3.2 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 : **66 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **207 kg**

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

PTC : **155°C**

3ED180M2C

IE3, 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

IE3



Output Power

30.0 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 : **30.0 kW**

Speed : **2955 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **96.9 Nm**

Number of Poles : **2**

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

Moment of Inertia : **0.08800 kg.m²**

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

Efficiency : **93.3 % - 93.9 % - 93.8 %**

Power Factor : **0.91**

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

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

Break Down Torque : **4.4 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)**

Direction of Rotation : **Clockwise**

Motor Weight : **197 kg**

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

PTC : **155°C**

3ED200L2D

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **145 Nm**

Number of Poles : **2**

Current : **78.1/45.1 A (D/Y)**

Moment of Inertia : **0.18700 kg.m²**

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

Efficiency : **94.0 % - 94.9 % - 94.7 %**

Power Factor : **0.89**

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

Locked Rotor Torque : **3.6 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)**

Direction of Rotation : **Clockwise**

Motor Weight : **265 kg**

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

PTC : **155°C**

3ED200L4D

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **240 Nm**

Number of Poles : **4**

Current : **66.1/38.2 A (D/Y)**

Moment of Inertia : **0.28400 kg.m²**

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

Efficiency : **93.9 % - 94.7 % - 94.9 %**

Power Factor : **0.86**

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

Locked Rotor Torque : **3.2 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 : **68 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **239 kg**

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

PTC : **155°C**

3ED225M2C

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **177 Nm**

Number of Poles : **2**

Current : **94.6/54.6 A (D/Y)**

Moment of Inertia : **0.25300 kg.m²**

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

Efficiency : **94.3 % - 94.8 % - 94.6 %**

Power Factor : **0.89**

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

Locked Rotor Torque : **3.6 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 : **78 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **335 kg**

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

PTC : **155°C**

3ED225M4E

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **355 Nm**

Number of Poles : **4**

Current : **97.7/56.4 A (D/Y)**

Moment of Inertia : **0.50200 kg.m²**

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

Efficiency : **94.6 % - 95.2 % - 95.4 %**

Power Factor : **0.86**

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

Locked Rotor Torque : **3.6 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 : **70 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **370 kg**

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

PTC : **155°C**

3ED315L2F

IE3, 250 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

IE3



Synchronous Speed

3000 rpm



Frequency

50 Hz



Output Power

250 kW



Voltage

400/690 V (D/Y)



Frame Material

Cast Iron

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **250 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **801 Nm**

Number of Poles : **2**

Current : **414/239 A (D/Y)**

Moment of Inertia : **2.80000 kg.m²**

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

Efficiency : **95.8 % - 95.6 % - 95.2 %**

Power Factor : **0.91**

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

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

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

Insulation Class : **H (180°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **81 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **1410 kg**

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

PTC : **155°C**

3ED315L4G

IE3, 250 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

IE3



Synchronous Speed

1500 rpm



Frequency

50 Hz



Output Power

250 kW



Voltage

400/690 V (D/Y)



Frame Material

Cast Iron

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **250 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **315**

Number of Phases : **3**

Torque : **1600 Nm**

Number of Poles : **4**

Current : **442/255 A (D/Y)**

Moment of Inertia : **5.47000 kg.m²**

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

Efficiency : **96.0 % - 96.1 % - 95.6 %**

Power Factor : **0.85**

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

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

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

Insulation Class : **H (180°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **75 dB(A)**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **1530 kg**

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

PTC : **155°C**

3EG132M4D

IE3, 7.5 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
IE3

 Synchronous Speed
1500 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 : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **48.9 Nm**

Number of Poles : **4**

Current : **14.8/8.55 A (D/Y)**

Moment of Inertia : **0.03418 kg.m²**

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

Efficiency : **90.4 % - 90.4 % - 89.4 %**

Power Factor : **0.81**

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

Locked Rotor Torque : **3.2 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 : **61 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **72.6 kg**

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

3EG132M6C

IE3, 4.00 kW, 1000 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

IE3



Output Power

4.00 kW



Synchronous Speed

1000 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 : **4.00 kW**

Speed : **970 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **39.4 Nm**

Number of Poles : **6**

Current : **8.52/4.92 A (D/Y)**

Moment of Inertia : **0.03493 kg.m²**

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

Efficiency : **86.8 % - 87.0 % - 85.5 %**

Power Factor : **0.78**

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

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **2.9 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **65.7 kg**

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

3EG132M6D

IE3, 5.50 kW, 1000 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

IE3



Output Power

5.50 kW



Synchronous Speed

1000 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 : **965 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **54.4 Nm**

Number of Poles : **6**

Current : **11.6/6.67 A (D/Y)**

Moment of Inertia : **0.03934 kg.m²**

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

Efficiency : **88.0 % - 88.9 % - 88.5 %**

Power Factor : **0.78**

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

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **2.8 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **71.9 kg**

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

3EG132S2B

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **17.8 Nm**

Number of Poles : **2**

Current : **9.90/5.72 A (D/Y)**

Moment of Inertia : **0.01732 kg.m²**

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

Efficiency : **89.2 % - 89.0 % - 88.6 %**

Power Factor : **0.90**

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

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

Break Down Torque : **3.9 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **67.5 kg**

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

3EG132S2C

IE3, 7.5 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

IE3



Output Power

7.50 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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **24.3 Nm**

Number of Poles : **2**

Current : **13.2/7.62 A (D/Y)**

Moment of Inertia : **0.02104 kg.m²**

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

Efficiency : **90.1 % - 90.5 % - 89.7 %**

Power Factor : **0.91**

Locked Rotor Current : **8.4 Ia/In**

Locked Rotor Torque : **2.6 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **71.5 kg**

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

3EG132S4C

IE3, 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

IE3



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 : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **36.0 Nm**

Number of Poles : **4**

Current : **10.9/6.29 A (D/Y)**

Moment of Inertia : **0.03059 kg.m²**

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

Efficiency : **89.6 % - 90.2 % - 90.0 %**

Power Factor : **0.81**

Locked Rotor Current : **7.0 Ia/In**

Locked Rotor Torque : **3.0 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 : **61 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **66.5 kg**

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

3EG132S6B

IE3, 3.00 kW, 1000 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

IE3



Output Power

3.00 kW



Synchronous Speed

1000 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 : **3.00 kW**

Speed : **970 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **29.4 Nm**

Number of Poles : **6**

Current : **6.55/3.78 A (D/Y)**

Moment of Inertia : **0.03051 kg.m²**

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

Efficiency : **85.6 % - 85.5 % - 84.5 %**

Power Factor : **0.77**

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

Locked Rotor Torque : **2.1 Ma/Mn**

Break Down Torque : **3.0 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **62.4 kg**

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

3EG160L2D

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **60.0 Nm**

Number of Poles : **2**

Current : **31.7/18.3 A (D/Y)**

Moment of Inertia : **0.04409 kg.m²**

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

Efficiency : **92.4 % - 92.7 % - 92.3 %**

Power Factor : **0.91**

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

Locked Rotor Torque : **3.1 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 : **69 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **156 kg**

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

PTC : **155°C**

3EG160L4E

IE3, 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

IE3



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 : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **97.8 Nm**

Number of Poles : **4**

Current : **28.7/16.6 A (D/Y)**

Moment of Inertia : **0.08579 kg.m²**

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

Efficiency : **92.1 % - 92.4 % - 91.9 %**

Power Factor : **0.82**

Locked Rotor Current : **7.8 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 : **63 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **137 kg**

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

PTC : **155°C**

3EG160L6E

IE3, 11.0 kW, 1000 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

IE3



Output Power

11.0 kW



Synchronous Speed

1000 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 : **972 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **108 Nm**

Number of Poles : **6**

Current : **23.1/13.3 A (D/Y)**

Moment of Inertia : **0.08580 kg.m²**

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

Efficiency : **90.3 % - 90.9 % - 90.5 %**

Power Factor : **0.76**

Locked Rotor Current : **6.6 Ia/In**

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

Break Down Torque : **3.1 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **185 kg**

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

PTC : **155°C**

3EG160M2B

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **35.6 Nm**

Number of Poles : **2**

Current : **19.7/11.4 A (D/Y)**

Moment of Inertia : **0.03318 kg.m²**

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

Efficiency : **91.2 % - 91.0 % - 90.5 %**

Power Factor : **0.88**

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

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **3.9 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **69 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **117 kg**

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

PTC : **155°C**

3EG160M2C

IE3, 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
IE3

 Synchronous Speed
3000 rpm

 Frequency
50 Hz

 Output Power
15.0 kW

 Voltage
400/690 V (D/Y)

 Frame Material
Cast Iron

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **48.6 Nm**

Number of Poles : **2**

Current : **26.5/15.3 A (D/Y)**

Moment of Inertia : **0.03913 kg.m²**

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

Efficiency : **91.9 % - 92.1 % - 91.6 %**

Power Factor : **0.89**

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

Locked Rotor Torque : **3.1 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 : **69 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **135 kg**

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

PTC : **155°C**

3EG160M4C

IE3, 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

IE3



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 : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **71.7 Nm**

Number of Poles : **4**

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

Moment of Inertia : **0.07011 kg.m²**

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

Efficiency : **91.5 % - 92.1 % - 91.7 %**

Power Factor : **0.83**

Locked Rotor Current : **7.6 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 : **63 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **130 kg**

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

PTC : **155°C**

3EG160M6D

IE3, 7.5 kW, 1000 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

IE3



Output Power

7.50 kW



Synchronous Speed

1000 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 : **7.50 kW**

Speed : **972 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **73.7 Nm**

Number of Poles : **6**

Current : **15.6/8.98 A (D/Y)**

Moment of Inertia : **0.07870 kg.m²**

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

Efficiency : **89.1 % - 89.4 % - 88.4 %**

Power Factor : **0.78**

Locked Rotor Current : **6.3 Ia/In**

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **3.0 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **135 kg**

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

PTC : **155°C**

3EG180L4D

IE3, 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

IE3



Synchronous Speed

1500 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 : **1470 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **143 Nm**

Number of Poles : **4**

Current : **41.4/23.9 A (D/Y)**

Moment of Inertia : **0.14667 kg.m²**

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

Efficiency : **93.0 % - 93.7 % - 93.7 %**

Power Factor : **0.82**

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

Locked Rotor Torque : **3.0 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 : **64 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **187 kg**

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

PTC : **155°C**

3EG180L6E

IE3, 15.0 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
IE3

 Synchronous Speed
1000 rpm

 Frequency
50 Hz

 Output Power
15.0 kW

 Voltage
400/690 V (D/Y)

 Frame Material
Cast Iron

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Cast Iron Frame**

Output Power : **15.0 kW**

Speed : **975 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **147 Nm**

Number of Poles : **6**

Current : **30.8/17.8 A (D/Y)**

Moment of Inertia : **0.15264 kg.m²**

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

Efficiency : **91.2 % - 91.6 % - 91.0 %**

Power Factor : **0.77**

Locked Rotor Current : **6.7 Ia/In**

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

Break Down Torque : **3.1 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **63 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **191 kg**

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

PTC : **155°C**

3EG180M2B

IE3, 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

IE3



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 : **2957 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **71.1 Nm**

Number of Poles : **2**

Current : **38.1/22.0 A (D/Y)**

Moment of Inertia : **0.06299 kg.m²**

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

Efficiency : **92.7 % - 92.9 % - 92.0 %**

Power Factor : **0.90**

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

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

Break Down Torque : **3.9 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **178 kg**

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

PTC : **155°C**

3EG180M4C

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **120 Nm**

Number of Poles : **4**

Current : **35.0/20.2 A (D/Y)**

Moment of Inertia : **0.12901 kg.m²**

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

Efficiency : **92.6 % - 93.2 % - 92.9 %**

Power Factor : **0.82**

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

Locked Rotor Torque : **3.0 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 : **64 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **173 kg**

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

PTC : **155°C**

3EG200L2B

IE3, 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
IE3

 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 : **2965 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **96.6 Nm**

Number of Poles : **2**

Current : **52.0/30.0 A (D/Y)**

Moment of Inertia : **0.16168 kg.m²**

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

Efficiency : **93.6 % - 93.8 % - 93.6 %**

Power Factor : **0.89**

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

Locked Rotor Torque : **3.2 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 : **72 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **245 kg**

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

PTC : **155°C**

3EG200L2C

IE3, 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

IE3



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 : **2965 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **119 Nm**

Number of Poles : **2**

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

Moment of Inertia : **0.17458 kg.m²**

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

Efficiency : **93.7 % - 94.1 % - 93.8 %**

Power Factor : **0.90**

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

Locked Rotor Torque : **3.2 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 : **72 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **270 kg**

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

PTC : **155°C**

3EG200L4D

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **194 Nm**

Number of Poles : **4**

Current : **54.5/31.5 A (D/Y)**

Moment of Inertia : **0.28413 kg.m²**

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

Efficiency : **93.6 % - 94.1 % - 94.0 %**

Power Factor : **0.85**

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

Locked Rotor Torque : **3.0 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 : **65 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **258 kg**

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

PTC : **155°C**

3EG200L6C

IE3, 18.5 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

IE3



Synchronous Speed

1000 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 : **977 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **181 Nm**

Number of Poles : **6**

Current : **36.4/21.0 A (D/Y)**

Moment of Inertia : **0.36100 kg.m²**

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

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

Power Factor : **0.80**

Locked Rotor Current : **6.1 Ia/In**

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **2.6 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **225 kg**

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

PTC : **155°C**

3EG200L6D

IE3, 22.0 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

IE3



Output Power

22.0 kW



Synchronous Speed

1000 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 : **978 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **215 Nm**

Number of Poles : **6**

Current : **42.5/24.5 A (D/Y)**

Moment of Inertia : **0.39355 kg.m²**

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

Efficiency : **92.2 % - 92.9 % - 93.0 %**

Power Factor : **0.81**

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

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **2.6 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **245 kg**

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

PTC : **155°C**

3EG225M2C

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **145 Nm**

Number of Poles : **2**

Current : **76.8/44.3 A (D/Y)**

Moment of Inertia : **0.25353 kg.m²**

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

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

Power Factor : **0.90**

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

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

Break Down Torque : **3.1 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **335 kg**

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

PTC : **155°C**

3EG225M4D

IE3, 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

IE3



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 : **1477 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **291 Nm**

Number of Poles : **4**

Current : **80.0/46.2 A (D/Y)**

Moment of Inertia : **0.44100 kg.m²**

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

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

Power Factor : **0.86**

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

Locked Rotor Torque : **3.3 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 : **67 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **350 kg**

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

PTC : **155°C**

3EG225S4C

IE3, 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

IE3



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 : **1478 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **239 Nm**

Number of Poles : **4**

Current : **65.7/37.9 A (D/Y)**

Moment of Inertia : **0.38229 kg.m²**

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

Efficiency : **93.9 % - 94.5 % - 94.5 %**

Power Factor : **0.87**

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

Locked Rotor Torque : **3.2 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 : **66 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **320 kg**

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

PTC : **155°C**

3EG225S6C

IE3, 30.0 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

IE3



Synchronous Speed

1000 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 : **985 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **291 Nm**

Number of Poles : **6**

Current : **57.6/33.3 A (D/Y)**

Moment of Inertia : **0.60000 kg.m²**

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

Efficiency : **92.9 % - 92.9 % - 92.6 %**

Power Factor : **0.81**

Locked Rotor Current : **6.6 Ia/In**

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

Break Down Torque : **2.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **65 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **340 kg**

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

PTC : **155°C**

3EG250M2C

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **250**

Number of Phases : **3**

Torque : **177 Nm**

Number of Poles : **2**

Current : **93.3/53.9 A (D/Y)**

Moment of Inertia : **0.38000 kg.m²**

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

Efficiency : **94.4 % - 94.8 % - 94.5 %**

Power Factor : **0.90**

Locked Rotor Current : **8.6 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 : **75 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **425 kg**

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

PTC : **155°C**

3EG250M4D

IE3, 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
IE3

 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 : **1482 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **250**

Number of Phases : **3**

Torque : **354 Nm**

Number of Poles : **4**

Current : **95.3/55.0 A (D/Y)**

Moment of Inertia : **0.73000 kg.m²**

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

Efficiency : **94.6 % - 95.1 % - 95.2 %**

Power Factor : **0.88**

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

Locked Rotor Torque : **3.3 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 : **68 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **460 kg**

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

PTC : **155°C**

3EG250M6C

IE3, 37.0 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

IE3



Synchronous Speed

1000 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 : **988 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **250**

Number of Phases : **3**

Torque : **358 Nm**

Number of Poles : **6**

Current : **68.8/39.7 A (D/Y)**

Moment of Inertia : **0.82000 kg.m²**

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

Efficiency : **93.4 % - 93.6 % - 93.5 %**

Power Factor : **0.83**

Locked Rotor Current : **7.3 Ia/In**

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

Break Down Torque : **2.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **65 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **435 kg**

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

PTC : **155°C**

3EG280M6C

IE3, 55.0 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

IE3



Synchronous Speed

1000 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 : **989 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **280**

Number of Phases : **3**

Torque : **531 Nm**

Number of Poles : **6**

Current : **102/58.9 A (D/Y)**

Moment of Inertia : **1.65000 kg.m²**

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

Efficiency : **94.1 % - 94.4 % - 93.5 %**

Power Factor : **0.83**

Locked Rotor Current : **6.9 Ia/In**

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

Break Down Torque : **2.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **65 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **620 kg**

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

PTC : **155°C**

3EG280S6B

IE3, 45.0 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

IE3



Synchronous Speed

1000 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 : **989 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **280**

Number of Phases : **3**

Torque : **435 Nm**

Number of Poles : **6**

Current : **83.5/48.2 A (D/Y)**

Moment of Inertia : **1.45000 kg.m²**

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

Efficiency : **93.7 % - 93.9 % - 93.2 %**

Power Factor : **0.83**

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

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

Break Down Torque : **2.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **65 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **590 kg**

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

PTC : **155°C**

3EL063M2A

IE3, 0.18 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

IE3



Output Power

0.18 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 : **0.18 kW**

Speed : **2805 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **63**

Number of Phases : **3**

Torque : **0.61 Nm**

Number of Poles : **2**

Current : **0.83/0.48 A (D/Y)**

Moment of Inertia : **0.00012 kg.m²**

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

Efficiency : **70.0 % - 68.5 % - 62.8 %**

Power Factor : **0.77**

Locked Rotor Current : **4.5 Ia/In**

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

Break Down Torque : **3.1 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **51 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **4.00 kg**

Bearings : **DS (6201ZZ C3) - NS (6201ZZ C3)**

3EL063M2B

IE3, 0.25 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

IE3



Output Power

0.25 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 : **0.25 kW**

Speed : **2805 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **63**

Number of Phases : **3**

Torque : **0.85 Nm**

Number of Poles : **2**

Current : **1.13/0.65 A (D/Y)**

Moment of Inertia : **0.00015 kg.m²**

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

Efficiency : **71.0 % - 69.7 % - 64.2 %**

Power Factor : **0.79**

Locked Rotor Current : **4.6 Ia/In**

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

Break Down Torque : **3.1 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **51 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **4.20 kg**

Bearings : **DS (6201ZZ C3) - NS (6201ZZ C3)**

3EL063M4B

IE3, 0.12 kW, 1500 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

IE3



Output Power

0.12 kW



Synchronous Speed

1500 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 : **0.12 kW**

Speed : **1405 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **63**

Number of Phases : **3**

Torque : **0.82 Nm**

Number of Poles : **4**

Current : **0.65/0.37 A (D/Y)**

Moment of Inertia : **0.00018 kg.m²**

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

Efficiency : **66.0 % - 64.9 % - 58.2 %**

Power Factor : **0.70**

Locked Rotor Current : **3.7 Ia/In**

Locked Rotor Torque : **2.3 Ma/Mn**

Break Down Torque : **2.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **42 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **4.10 kg**

Bearings : **DS (6201ZZ C3) - NS (6201ZZ C3)**

3EL063M4C

IE3, 0.18 kW, 1500 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

IE3



Output Power

0.18 kW



Synchronous Speed

1500 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 : **0.18 kW**

Speed : **1405 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **63**

Number of Phases : **3**

Torque : **1.22 Nm**

Number of Poles : **4**

Current : **0.90/0.52 A (D/Y)**

Moment of Inertia : **0.00022 kg.m²**

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

Efficiency : **69.9 % - 68.8 % - 63.6 %**

Power Factor : **0.71**

Locked Rotor Current : **3.8 Ia/In**

Locked Rotor Torque : **2.3 Ma/Mn**

Break Down Torque : **2.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **42 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **4.50 kg**

Bearings : **DS (6201ZZ C3) - NS (6201ZZ C3)**

3EL071M2B

IE3, 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

IE3



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 : **2830 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.25 Nm**

Number of Poles : **2**

Current : **1.46/0.84 A (D/Y)**

Moment of Inertia : **0.00037 kg.m²**

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

Efficiency : **76.6 % - 77.0 % - 75.0 %**

Power Factor : **0.82**

Locked Rotor Current : **6.0 Ia/In**

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

Break Down Torque : **3.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **53 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **6.30 kg**

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

3EL071M2C

IE3, 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
IE3

 Synchronous Speed
3000 rpm

 Frequency
50 Hz

 Output Power
0.55 kW

 Voltage
230/400 V (D/Y)

 Frame Material
Aluminum

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **0.55 kW**

Speed : **2830 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.86 Nm**

Number of Poles : **2**

Current : **2.06/1.19 A (D/Y)**

Moment of Inertia : **0.00046 kg.m²**

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

Efficiency : **79.4 % - 80.2 % - 78.8 %**

Power Factor : **0.84**

Locked Rotor Current : **6.1 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 : **53 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **7.00 kg**

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

3EL071M4C

IE3, 0.25 kW, 1500 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

IE3



Output Power

0.25 kW



Synchronous Speed

1500 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 : **0.25 kW**

Speed : **1435 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.66 Nm**

Number of Poles : **4**

Current : **1.16/0.67 A (D/Y)**

Moment of Inertia : **0.00082 kg.m²**

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

Efficiency : **76.0 % - 75.4 % - 71.5 %**

Power Factor : **0.71**

Locked Rotor Current : **5.4 Ia/In**

Locked Rotor Torque : **2.1 Ma/Mn**

Break Down Torque : **2.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **45 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **7.10 kg**

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

3EL071M4D

IE3, 0.37 kW, 1500 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

IE3



Output Power

0.37 kW



Synchronous Speed

1500 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 : **1435 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **2.46 Nm**

Number of Poles : **4**

Current : **1.68/0.97 A (D/Y)**

Moment of Inertia : **0.00093 kg.m²**

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

Efficiency : **78.5 % - 78.2 % - 75.0 %**

Power Factor : **0.70**

Locked Rotor Current : **5.5 Ia/In**

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **2.9 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **45 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **7.80 kg**

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

3EL071M6C

IE3, 0.18 kW, 1000 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

IE3



Output Power

0.18 kW



Synchronous Speed

1000 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 : **0.18 kW**

Speed : **930 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.85 Nm**

Number of Poles : **6**

Current : **0.95/0.55 A (D/Y)**

Moment of Inertia : **0.00096 kg.m²**

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

Efficiency : **68.0 % - 67.4 % - 62.6 %**

Power Factor : **0.69**

Locked Rotor Current : **3.6 Ia/In**

Locked Rotor Torque : **2.0 Ma/Mn**

Break Down Torque : **2.4 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **41 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **6.80 kg**

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

3EL071M6D

IE3, 0.25 kW, 1000 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
IE3

 Synchronous Speed
1000 rpm

 Frequency
50 Hz

 Output Power
0.25 kW

 Voltage
230/400 V (D/Y)

 Frame Material
Aluminum

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **0.25 kW**

Speed : **930 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **2.57 Nm**

Number of Poles : **6**

Current : **1.33/0.77 A (D/Y)**

Moment of Inertia : **0.00116 kg.m²**

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

Efficiency : **70.0 % - 69.7 % - 66.0 %**

Power Factor : **0.67**

Locked Rotor Current : **3.6 Ia/In**

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **2.5 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **41 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **7.50 kg**

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

3EL080M2B

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **2.49 Nm**

Number of Poles : **2**

Current : **2.75/1.59 A (D/Y)**

Moment of Inertia : **0.00103 kg.m²**

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

Efficiency : **80.7 % - 82.0 % - 81.5 %**

Power Factor : **0.84**

Locked Rotor Current : **6.7 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 : **54 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **9.60 kg**

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

3EL080M2C

IE3, 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

IE3



Output Power

1.10 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 : **1.10 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **3.64 Nm**

Number of Poles : **2**

Current : **3.91/2.26 A (D/Y)**

Moment of Inertia : **0.00124 kg.m²**

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

Efficiency : **82.7 % - 83.0 % - 82.4 %**

Power Factor : **0.85**

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

Locked Rotor Torque : **3.1 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 : **54 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **10.9 kg**

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

3EL080M4C

IE3, 0.55 kW, 1500 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

IE3



Output Power

0.55 kW



Synchronous Speed

1500 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 : **1450 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **3.62 Nm**

Number of Poles : **4**

Current : **2.32/1.34 A (D/Y)**

Moment of Inertia : **0.00200 kg.m²**

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

Efficiency : **80.8 % - 80.4 % - 77.0 %**

Power Factor : **0.73**

Locked Rotor Current : **5.9 Ia/In**

Locked Rotor Torque : **2.1 Ma/Mn**

Break Down Torque : **3.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **50 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **10.5 kg**

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

3EL080M4D

IE3, 0.75 kW, 1500 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

IE3



Output Power

0.75 kW



Synchronous Speed

1500 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 : **1450 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **4.94 Nm**

Number of Poles : **4**

Current : **3.07/1.77 A (D/Y)**

Moment of Inertia : **0.00227 kg.m²**

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

Efficiency : **82.5 % - 82.3 % - 80.0 %**

Power Factor : **0.74**

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

Locked Rotor Torque : **2.5 Ma/Mn**

Break Down Torque : **3.1 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **50 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **11.6 kg**

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

3EL080M6B

IE3, 0.37 kW, 1000 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

IE3



Output Power

0.37 kW



Synchronous Speed

1000 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 : **930 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **3.80 Nm**

Number of Poles : **6**

Current : **1.78/1.03 A (D/Y)**

Moment of Inertia : **0.00202 kg.m²**

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

Efficiency : **74.0 % - 73.8 % - 70.0 %**

Power Factor : **0.70**

Locked Rotor Current : **4.4 Ia/In**

Locked Rotor Torque : **2.1 Ma/Mn**

Break Down Torque : **2.6 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **43 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **9.90 kg**

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

3EL080M6C

IE3, 0.55 kW, 1000 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

IE3



Output Power

0.55 kW



Synchronous Speed

1000 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 : **935 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **5.62 Nm**

Number of Poles : **6**

Current : **2.55/1.47 A (D/Y)**

Moment of Inertia : **0.00228 kg.m²**

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

Efficiency : **77.2 % - 77.3 % - 74.4 %**

Power Factor : **0.70**

Locked Rotor Current : **4.3 Ia/In**

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **2.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **43 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **11.0 kg**

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

3EL090L2C

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **90**

Number of Phases : **3**

Torque : **7.24 Nm**

Number of Poles : **2**

Current : **7.36/4.25 A (D/Y)**

Moment of Inertia : **0.00221 kg.m²**

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

Efficiency : **85.9 % - 86.8 % - 86.1 %**

Power Factor : **0.87**

Locked Rotor Current : **7.2 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 : **59 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **17.5 kg**

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

3EL090L4D

IE3, 1.50 kW, 1500 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

IE3



Output Power

1.50 kW



Synchronous Speed

1500 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 : **1445 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **90**

Number of Phases : **3**

Torque : **9.91 Nm**

Number of Poles : **4**

Current : **5.72/3.30 A (D/Y)**

Moment of Inertia : **0.00411 kg.m²**

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

Efficiency : **85.3 % - 85.2 % - 83.0 %**

Power Factor : **0.77**

Locked Rotor Current : **7.2 Ia/In**

Locked Rotor Torque : **2.8 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 : **51 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **18.0 kg**

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

3EL090L6C

IE3, 1.10 kW, 1000 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

IE3



Output Power

1.10 kW



Synchronous Speed

1000 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 : **1.10 kW**

Speed : **940 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **90**

Number of Phases : **3**

Torque : **11.2 Nm**

Number of Poles : **6**

Current : **4.76/2.75 A (D/Y)**

Moment of Inertia : **0.00428 kg.m²**

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

Efficiency : **81.0 % - 80.8 % - 79.4 %**

Power Factor : **0.71**

Locked Rotor Current : **5.0 Ia/In**

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **2.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **46 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **16.8 kg**

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

3EL090S2B

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **90**

Number of Phases : **3**

Torque : **4.94 Nm**

Number of Poles : **2**

Current : **5.14/2.97 A (D/Y)**

Moment of Inertia : **0.00178 kg.m²**

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

Efficiency : **84.8 % - 85.4 % - 84.2 %**

Power Factor : **0.86**

Locked Rotor Current : **7.6 Ia/In**

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

Break Down Torque : **3.9 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **15.2 kg**

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

3EL090S4C

IE3, 1.10 kW, 1500 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

IE3



Output Power

1.10 kW



Synchronous Speed

1500 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 : **1.10 kW**

Speed : **1450 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **90**

Number of Phases : **3**

Torque : **7.25 Nm**

Number of Poles : **4**

Current : **4.35/2.51 A (D/Y)**

Moment of Inertia : **0.00355 kg.m²**

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

Efficiency : **84.5 % - 84.3 % - 82.0 %**

Power Factor : **0.75**

Locked Rotor Current : **7.0 Ia/In**

Locked Rotor Torque : **2.6 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 : **51 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **16.3 kg**

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

3EL090S6B

IE3, 0.75 kW, 1000 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

IE3



Output Power

0.75 kW



Synchronous Speed

1000 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 : **945 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **90**

Number of Phases : **3**

Torque : **7.58 Nm**

Number of Poles : **6**

Current : **3.39/1.96 A (D/Y)**

Moment of Inertia : **0.00354 kg.m²**

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

Efficiency : **78.9 % - 79.2 % - 77.6 %**

Power Factor : **0.70**

Locked Rotor Current : **4.7 Ia/In**

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **2.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **46 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **16.0 kg**

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

3EL100L2C

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **100**

Number of Phases : **3**

Torque : **9.85 Nm**

Number of Poles : **2**

Current : **9.66/5.58 A (D/Y)**

Moment of Inertia : **0.00450 kg.m²**

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

Efficiency : **87.1 % - 87.6 % - 86.9 %**

Power Factor : **0.89**

Locked Rotor Current : **7.9 Ia/In**

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

Break Down Torque : **4.1 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **23.8 kg**

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

3EL100L4C

IE3, 2.20 kW, 1500 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

IE3



Output Power

2.20 kW



Synchronous Speed

1500 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 : **1450 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **100**

Number of Phases : **3**

Torque : **14.5 Nm**

Number of Poles : **4**

Current : **8.05/4.65 A (D/Y)**

Moment of Inertia : **0.00775 kg.m²**

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

Efficiency : **86.7 % - 87.2 % - 86.0 %**

Power Factor : **0.79**

Locked Rotor Current : **7.2 Ia/In**

Locked Rotor Torque : **2.8 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 : **53 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **24.4 kg**

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

3EL100L4D

IE3, 3.00 kW, 1500 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

IE3



Output Power

3.00 kW



Synchronous Speed

1500 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 : **1450 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **100**

Number of Phases : **3**

Torque : **19.8 Nm**

Number of Poles : **4**

Current : **10.8/6.26 A (D/Y)**

Moment of Inertia : **0.00888 kg.m²**

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

Efficiency : **87.7 % - 88.0 % - 87.0 %**

Power Factor : **0.79**

Locked Rotor Current : **7.2 Ia/In**

Locked Rotor Torque : **2.8 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 : **53 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **27.0 kg**

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

3EL100L6B

IE3, 1.50 kW, 1000 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

IE3



Output Power

1.50 kW



Synchronous Speed

1000 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 : **955 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **100**

Number of Phases : **3**

Torque : **15.0 Nm**

Number of Poles : **6**

Current : **6.06/3.50 A (D/Y)**

Moment of Inertia : **0.00821 kg.m²**

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

Efficiency : **82.5 % - 82.7 % - 81.4 %**

Power Factor : **0.75**

Locked Rotor Current : **5.3 Ia/In**

Locked Rotor Torque : **2.1 Ma/Mn**

Break Down Torque : **2.8 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **50 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **22.5 kg**

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

3EL112M2C

IE3, 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

IE3



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 : **2915 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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **112**

Number of Phases : **3**

Torque : **13.1 Nm**

Number of Poles : **2**

Current : **7.28/4.20 A (D/Y)**

Moment of Inertia : **0.00618 kg.m²**

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

Efficiency : **88.1 % - 88.8 % - 88.2 %**

Power Factor : **0.90**

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

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **3.9 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **65 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **29.4 kg**

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

3EL112M4D

IE3, 4.00 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

IE3



Output Power

4.00 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 : **4.00 kW**

Speed : **1460 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **112**

Number of Phases : **3**

Torque : **26.2 Nm**

Number of Poles : **4**

Current : **8.05/4.65 A (D/Y)**

Moment of Inertia : **0.01437 kg.m²**

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

Efficiency : **88.6 % - 88.4 % - 87.5 %**

Power Factor : **0.81**

Locked Rotor Current : **7.4 Ia/In**

Locked Rotor Torque : **2.8 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 : **58 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **32.6 kg**

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

3EL112M6B

IE3, 2.20 kW, 1000 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

IE3



Output Power

2.20 kW



Synchronous Speed

1000 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 : **960 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **112**

Number of Phases : **3**

Torque : **21.9 Nm**

Number of Poles : **6**

Current : **8.57/4.95 A (D/Y)**

Moment of Inertia : **0.01319 kg.m²**

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

Efficiency : **84.3 % - 84.5 % - 83.5 %**

Power Factor : **0.76**

Locked Rotor Current : **5.5 Ia/In**

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **3.0 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **56 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **29.6 kg**

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

3EL132M4D

IE3, 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

IE3



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 : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **48.9 Nm**

Number of Poles : **4**

Current : **14.8/8.55 A (D/Y)**

Moment of Inertia : **0.03418 kg.m²**

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

Efficiency : **90.4 % - 90.4 % - 89.4 %**

Power Factor : **0.81**

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

Locked Rotor Torque : **3.2 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 : **61 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **56.6 kg**

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

3EL132M6C

IE3, 4.00 kW, 1000 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

IE3



Output Power

4.00 kW



Synchronous Speed

1000 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 : **970 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **39.4 Nm**

Number of Poles : **6**

Current : **8.52/4.92 A (D/Y)**

Moment of Inertia : **0.03493 kg.m²**

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

Efficiency : **86.8 % - 87.0 % - 85.5 %**

Power Factor : **0.78**

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

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **2.9 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **50.9 kg**

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

3EL132M6D

IE3, 5.50 kW, 1000 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

IE3



Output Power

5.50 kW



Synchronous Speed

1000 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 : **965 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **54.4 Nm**

Number of Poles : **6**

Current : **11.6/6.67 A (D/Y)**

Moment of Inertia : **0.03934 kg.m²**

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

Efficiency : **88.0 % - 88.9 % - 88.5 %**

Power Factor : **0.78**

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

Locked Rotor Torque : **2.2 Ma/Mn**

Break Down Torque : **2.8 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **57.3 kg**

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

3EL132S2B

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **17.8 Nm**

Number of Poles : **2**

Current : **9.90/5.72 A (D/Y)**

Moment of Inertia : **0.01732 kg.m²**

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

Efficiency : **89.2 % - 89.0 % - 88.6 %**

Power Factor : **0.90**

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

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

Break Down Torque : **3.9 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **45.7 kg**

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

3EL132S2C

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **24.3 Nm**

Number of Poles : **2**

Current : **13.2/7.62 A (D/Y)**

Moment of Inertia : **0.02104 kg.m²**

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

Efficiency : **90.1 % - 90.5 % - 89.7 %**

Power Factor : **0.91**

Locked Rotor Current : **8.4 Ia/In**

Locked Rotor Torque : **2.6 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **52.0 kg**

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

3EL132S4C

IE3, 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

IE3



Output Power

5.50 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 : **5.50 kW**

Speed : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **36.0 Nm**

Number of Poles : **4**

Current : **10.9/6.29 A (D/Y)**

Moment of Inertia : **0.03059 kg.m²**

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

Efficiency : **89.6 % - 90.2 % - 90.0 %**

Power Factor : **0.81**

Locked Rotor Current : **7.0 Ia/In**

Locked Rotor Torque : **3.0 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 : **61 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **53.4 kg**

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

3EL132S6B

IE3, 3.00 kW, 1000 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

IE3



Output Power

3.00 kW



Synchronous Speed

1000 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 : **3.00 kW**

Speed : **970 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **132**

Number of Phases : **3**

Torque : **29.4 Nm**

Number of Poles : **6**

Current : **6.55/3.78 A (D/Y)**

Moment of Inertia : **0.03051 kg.m²**

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

Efficiency : **85.6 % - 85.5 % - 84.5 %**

Power Factor : **0.77**

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

Locked Rotor Torque : **2.1 Ma/Mn**

Break Down Torque : **3.0 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **46.7 kg**

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

3EL160L2D

IE3, 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

IE3



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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **60.0 Nm**

Number of Poles : **2**

Current : **31.7/18.3 A (D/Y)**

Moment of Inertia : **0.04409 kg.m²**

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

Efficiency : **92.4 % - 92.7 % - 92.3 %**

Power Factor : **0.91**

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

Locked Rotor Torque : **3.1 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 : **69 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **95.2 kg**

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

PTC : **155°C**

3EL160L4E

IE3, 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

IE3



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 : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **97.8 Nm**

Number of Poles : **4**

Current : **28.7/16.6 A (D/Y)**

Moment of Inertia : **0.08579 kg.m²**

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

Efficiency : **92.1 % - 92.4 % - 91.9 %**

Power Factor : **0.82**

Locked Rotor Current : **7.8 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 : **63 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **97.5 kg**

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

PTC : **155°C**

3EL160L6E

IE3, 11.0 kW, 1000 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

IE3



Output Power

11.0 kW



Synchronous Speed

1000 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 : **972 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **108 Nm**

Number of Poles : **6**

Current : **23.1/13.3 A (D/Y)**

Moment of Inertia : **0.08580 kg.m²**

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

Efficiency : **90.3 % - 90.9 % - 90.5 %**

Power Factor : **0.76**

Locked Rotor Current : **6.6 Ia/In**

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

Break Down Torque : **3.1 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **104 kg**

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

PTC : **155°C**

3EL160M2B

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **35.6 Nm**

Number of Poles : **2**

Current : **19.7/11.4 A (D/Y)**

Moment of Inertia : **0.03318 kg.m²**

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

Efficiency : **91.2 % - 91.0 % - 90.5 %**

Power Factor : **0.88**

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

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **3.9 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **69 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **79.7 kg**

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

PTC : **155°C**

3EL160M2C

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **48.6 Nm**

Number of Poles : **2**

Current : **26.5/15.3 A (D/Y)**

Moment of Inertia : **0.03913 kg.m²**

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

Efficiency : **91.9 % - 92.1 % - 91.6 %**

Power Factor : **0.89**

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

Locked Rotor Torque : **3.1 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 : **69 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **87.8 kg**

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

PTC : **155°C**

3EL160M4C

IE3, 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

IE3



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 : **1465 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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **71.7 Nm**

Number of Poles : **4**

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

Moment of Inertia : **0.07011 kg.m²**

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

Efficiency : **91.5 % - 92.1 % - 91.7 %**

Power Factor : **0.83**

Locked Rotor Current : **7.6 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 : **63 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **89.2 kg**

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

PTC : **155°C**

3EL160M6D

IE3, 7.5 kW, 1000 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

IE3



Output Power

7.50 kW



Synchronous Speed

1000 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 : **972 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 : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **160**

Number of Phases : **3**

Torque : **73.7 Nm**

Number of Poles : **6**

Current : **15.6/8.98 A (D/Y)**

Moment of Inertia : **0.07870 kg.m²**

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

Efficiency : **89.1 % - 89.4 % - 88.4 %**

Power Factor : **0.78**

Locked Rotor Current : **6.3 Ia/In**

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **3.0 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **96.0 kg**

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

PTC : **155°C**

3EL180L4D

IE3, 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
IE3

 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 : **1470 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **143 Nm**

Number of Poles : **4**

Current : **41.4/23.9 A (D/Y)**

Moment of Inertia : **0.14667 kg.m²**

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

Efficiency : **93.0 % - 93.7 % - 93.7 %**

Power Factor : **0.82**

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

Locked Rotor Torque : **3.0 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 : **64 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **141 kg**

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

PTC : **155°C**

3EL180L6E

IE3, 15.0 kW, 1000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum




B3 Foot Mounted (PD)




B5 Bride (FA)



B5 Foot Mounted (PA)

 Efficiency Class
IE3

 Synchronous Speed
1000 rpm

 Frequency
50 Hz

 Output Power
15.0 kW

 Voltage
400/690 V (D/Y)

 Frame Material
Aluminum

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **15.0 kW**

Speed : **975 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **147 Nm**

Number of Poles : **6**

Current : **30.8/17.8 A (D/Y)**

Moment of Inertia : **0.15264 kg.m²**

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

Efficiency : **91.2 % - 91.6 % - 91.0 %**

Power Factor : **0.77**

Locked Rotor Current : **6.7 Ia/In**

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

Break Down Torque : **3.1 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **63 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **141 kg**

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

PTC : **155°C**

3EL180M2B

IE3, 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

IE3



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 : **2957 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **71.1 Nm**

Number of Poles : **2**

Current : **38.1/22.0 A (D/Y)**

Moment of Inertia : **0.06299 kg.m²**

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

Efficiency : **92.7 % - 92.9 % - 92.0 %**

Power Factor : **0.90**

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

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

Break Down Torque : **3.9 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **131 kg**

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

PTC : **155°C**

3EL180M4C

IE3, 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

IE3



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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **180**

Number of Phases : **3**

Torque : **120 Nm**

Number of Poles : **4**

Current : **35.0/20.2 A (D/Y)**

Moment of Inertia : **0.12901 kg.m²**

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

Efficiency : **92.6 % - 93.2 % - 92.9 %**

Power Factor : **0.82**

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

Locked Rotor Torque : **3.0 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 : **64 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **128 kg**

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

PTC : **155°C**

3EL200L2B

IE3, 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

IE3



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 : **2965 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **96.6 Nm**

Number of Poles : **2**

Current : **52.0/30.0 A (D/Y)**

Moment of Inertia : **0.16168 kg.m²**

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

Efficiency : **93.6 % - 93.8 % - 93.6 %**

Power Factor : **0.89**

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

Locked Rotor Torque : **3.2 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 : **72 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **181 kg**

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

PTC : **155°C**

3EL200L2C

IE3, 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
IE3

 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 : **2965 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **119 Nm**

Number of Poles : **2**

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

Moment of Inertia : **0.17458 kg.m²**

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

Efficiency : **93.7 % - 94.1 % - 93.8 %**

Power Factor : **0.90**

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

Locked Rotor Torque : **3.2 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 : **72 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **191 kg**

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

PTC : **155°C**

3EL200L4D

IE3, 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

IE3



Synchronous Speed

1500 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 : **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 : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **194 Nm**

Number of Poles : **4**

Current : **54.5/31.5 A (D/Y)**

Moment of Inertia : **0.28413 kg.m²**

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

Efficiency : **93.6 % - 94.1 % - 94.0 %**

Power Factor : **0.85**

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

Locked Rotor Torque : **3.0 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 : **65 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **193 kg**

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

PTC : **155°C**

3EL200L6C

IE3, 18.5 kW, 1000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum




B3 Foot Mounted (PD)





B5 Bride (FA)



B5 Foot Mounted (PA)

 Efficiency Class
IE3

 Synchronous Speed
1000 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 : **977 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **181 Nm**

Number of Poles : **6**

Current : **36.4/21.0 A (D/Y)**

Moment of Inertia : **0.36100 kg.m²**

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

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

Power Factor : **0.80**

Locked Rotor Current : **6.1 Ia/In**

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **2.6 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **164 kg**

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

PTC : **155°C**

3EL200L6D

IE3, 22.0 kW, 1000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



Efficiency Class

IE3



Synchronous Speed

1000 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 : **978 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **200**

Number of Phases : **3**

Torque : **215 Nm**

Number of Poles : **6**

Current : **42.5/24.5 A (D/Y)**

Moment of Inertia : **0.39355 kg.m²**

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

Efficiency : **92.2 % - 92.9 % - 93.0 %**

Power Factor : **0.81**

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

Locked Rotor Torque : **2.6 Ma/Mn**

Break Down Torque : **2.6 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **180 kg**

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

PTC : **155°C**

3EL225M2C

IE3, 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
IE3

 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 : **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 : **IE3**

Synchronous Speed : **3000 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **145 Nm**

Number of Poles : **2**

Current : **76.8/44.3 A (D/Y)**

Moment of Inertia : **0.25353 kg.m²**

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

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

Power Factor : **0.90**

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

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

Break Down Torque : **3.1 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 : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **275 kg**

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

PTC : **155°C**

3EL225M4D

IE3, 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

IE3



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 : **1477 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **291 Nm**

Number of Poles : **4**

Current : **80.0/46.2 A (D/Y)**

Moment of Inertia : **0.44100 kg.m²**

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

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

Power Factor : **0.86**

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

Locked Rotor Torque : **3.3 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 : **67 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **267 kg**

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

PTC : **155°C**

3EL225S4C

IE3, 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

IE3



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 : **1478 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **1500 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **239 Nm**

Number of Poles : **4**

Current : **65.7/37.9 A (D/Y)**

Moment of Inertia : **0.38229 kg.m²**

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

Efficiency : **93.9 % - 94.5 % - 94.5 %**

Power Factor : **0.87**

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

Locked Rotor Torque : **3.2 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 : **66 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **238 kg**

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

PTC : **155°C**

3EL225S6C

IE3, 30.0 kW, 1000 rpm, 400/690 V (D/Y), 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



Efficiency Class

IE3



Synchronous Speed

1000 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 : **985 rpm**

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

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE3**

Synchronous Speed : **1000 rpm**

Frame Size : **225**

Number of Phases : **3**

Torque : **291 Nm**

Number of Poles : **6**

Current : **57.6/33.3 A (D/Y)**

Moment of Inertia : **0.60000 kg.m²**

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

Efficiency : **92.9 % - 92.9 % - 92.6 %**

Power Factor : **0.81**

Locked Rotor Current : **6.6 Ia/In**

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

Break Down Torque : **2.7 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **65 dB(A)**

Vibration Class : **A**

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

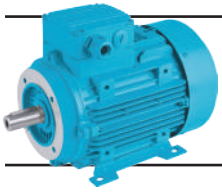
Service Factor : **1.20**

Direction of Rotation : **Clockwise**

Motor Weight : **243 kg**

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

PTC : **155°C**



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

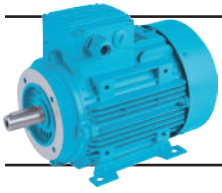
Elektromotoren Leistungsdaten



400V 50Hz 3000 d/d / 400V 50Hz 3000 rpm / 400V 50Hz 3000 UpM

IE3

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 % η			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % η			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm ²	kg	dB(A)
3E63M/2A	0,18	2805	0,48	0,61	0,77	70,0	68,5	62,8	4,5	3,0	3,1	0,00012	3,80	51
3E63M/2B	0,25	2805	0,48	0,85	0,79	71,0	69,7	64,2	4,6	3,0	3,1	0,00015	4,20	51
3E71M/2B	0,37	2830	0,84	1,25	0,82	76,6	77,0	75,0	6,0	2,8	3,0	0,00037	6,20	53
3E71M/2C	0,55	2830	1,19	1,86	0,84	79,4	80,2	78,8	6,1	2,9	3,3	0,00046	7,20	53
3E80M/2B	0,75	2880	1,59	2,49	0,84	80,7	82,0	81,5	6,7	3,0	3,6	0,00103	9,60	54
3E80M/2C	1,1	2880	2,26	3,64	0,85	82,7	83,0	82,4	6,8	3,1	3,8	0,00124	10,9	54
3E90S/2B	1,5	2900	2,97	4,94	0,86	84,8	85,4	84,2	7,6	3,1	3,9	0,00178	15,6	59
3E90L/2C	2,2	2900	4,25	7,24	0,87	85,9	86,8	86,1	7,2	3,0	3,8	0,00221	17,0	59
3E100L/2C	3	2910	5,58	9,85	0,89	87,1	87,6	86,9	7,9	3,0	4,1	0,00450	23,3	62
3E112M/2C	4	2915	7,28	13,1	0,90	88,1	88,8	88,2	7,5	2,6	3,9	0,00618	29,1	65
3E132S/2B	5,5	2945	9,9	17,8	0,90	89,2	89,0	88,6	8,9	2,9	3,9	0,01732	44,4	67
3E132S/2C	7,5	2945	13,2	24,3	0,91	90,1	90,5	89,7	8,4	2,6	4,0	0,02104	51,5	67
3E160M/2B	11	2950	19,7	35,6	0,88	91,2	91,0	90,5	8,0	2,6	3,9	0,03318	79,7	69
3E160M/2C	15	2950	26,5	48,6	0,89	91,9	92,1	91,6	8,9	3,1	4,2	0,03913	86,0	69
3E160L/2D	18,5	2945	31,7	60	0,91	92,4	92,7	92,3	8,9	3,1	4,2	0,04409	96,8	69
3E180M/2B	22	2957	38,1	71,1	0,90	92,7	92,9	92,0	8,6	2,6	3,9	0,06299	178	70
3E200L/2B	30	2970	52	96,5	0,89	93,6	93,8	93,6	8,9	3,2	3,5	0,16168	245	72
3E200L/2C	37	2970	62,6	119	0,91	93,7	93,8	93,4	8,9	3,2	3,4	0,17458	270	72
3E225M/2C	45	2975	75,6	144	0,91	94,3	94,6	94,0	8,9	3,5	3,1	0,25353	335	74
3E250M/2C	55	2970	93,3	177	0,90	94,4	94,8	94,5	8,9	3,3	3,4	0,38000	422	75
3E280S/2B	75	2980	127	240	0,90	94,7	94,7	94,0	7,5	2,7	3,2	0,79000	560	76
3E280M/2C	90	2983	150	288	0,91	95,0	95,1	94,5	7,6	2,7	3,1	0,90000	630	76
3E315S/2B	110	2982	185	352	0,90	95,2	95,3	94,6	7,6	2,5	3,0	1,50000	745	76
3E315S/2C	132	2983	220	422	0,91	95,4	95,5	94,8	7,7	2,6	3,1	1,60000	870	77
3E315M/2D	160	2983	263	512	0,92	95,6	95,7	95,0	7,8	2,7	3,1	2,00000	970	78
3E315L/2E	200	2984	328	640	0,92	95,8	95,9	95,2	7,8	2,8	3,2	2,20000	1130	78



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

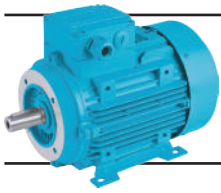
Elektromotoren Leistungsdaten



400V 50Hz 3000 d/d / 400V 50Hz 3000 rpm / 400V 50Hz 3000 UpM

IE3

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 Gewicht	Ses Seviyesi Noise Level Geräusch- pegel
	Güç	Devir	Akım	Moment	Güç Faktörü	Verim % η			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % η			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm ²	kg	dB(A)
3E71M/2B	0,37	2830	0,86	1,25	0,81	76,6	77,0	75,0	6,0	2,8	3,0	0,00037	6,2	53
3E71M/2C	0,55	2830	1,19	1,86	0,84	79,4	80,2	78,8	6,1	2,9	3,3	0,00046	7,2	53
3E80M/2B	0,75	2880	1,59	2,49	0,84	80,7	82,0	81,5	6,7	3,0	3,6	0,00103	9,6	54
3E80M/2C	1,1	2880	2,26	3,64	0,85	82,7	83,0	82,4	6,8	3,1	3,8	0,00124	10,9	54
3E90S/2B	1,5	2900	2,97	4,94	0,86	84,8	85,4	84,2	7,6	3,1	3,9	0,00178	15,6	59
3E90L/2C	2,2	2900	4,25	7,24	0,87	85,9	86,8	86,1	7,2	3,0	3,8	0,00221	17,0	59
3E100L/2C	3	2910	5,58	9,85	0,89	87,1	87,6	86,9	7,9	3,0	4,1	0,00450	23,3	62
3E112M/2C	4	2915	7,28	13,1	0,90	88,1	88,8	88,2	7,5	2,6	3,9	0,00620	29,1	65
3E132S/2B	5,5	2945	9,9	17,83	0,90	89,2	89,0	88,6	8,9	2,9	3,9	0,01730	44,4	67
3E132S/2C	7,5	2945	13,2	24,32	0,91	90,1	90,5	89,7	8,4	2,6	4,0	0,02100	51,5	67
3E160M/2B	11	2950	19,7	35,6	0,88	91,2	91,0	90,5	8,0	2,6	3,9	0,03320	79,7	69
3E160M/2C	15	2950	25,9	48,55	0,91	91,9	92,1	91,6	8,9	3,1	4,2	0,03910	86,0	69
3E160L/2D	18,5	2945	31,7	60	0,91	92,4	92,7	92,3	8,9	3,1	4,2	0,04410	96,7	69
3E180M/2B	22	2957	38,1	71,05	0,90	92,7	92,9	92,0	8,6	2,6	3,9	0,06300	178	70
3E200L/2B	30	2970	52	96,46	0,89	93,6	93,8	93,6	8,9	3,2	3,5	0,16200	245	72
3E200L/2C	37	2970	62,6	119	0,91	93,7	93,8	93,4	9,3	3,2	3,4	0,17500	270	72
3E225M/2C	45	2975	75,6	144,4	0,91	94,3	94,6	94,0	9,8	3,5	3,9	0,25400	335	74
3E250M/2C	55	2970	93,3	176,9	0,90	94,4	94,8	94,5	8,9	3,3	3,4	0,38000	422	75
3E280S/2B	75	2980	127	240,35	0,90	94,7	94,7	94,0	7,5	2,7	3,2	0,79000	560	76
3E280M/2C	90	2985	150	287,94	0,91	95,0	95,1	94,5	7,6	2,7	3,1	0,90000	630	76
3G315S/2	110	2985	186	352	0,90	95,2	95,2	94,0	8,0	2,5	3,0	1,20000	742	76
3G315M/2	132	2985	223	422	0,90	95,4	95,4	94,1	8,0	2,4	3,5	1,40000	812	79
3G315L/2a	160	2985	265	512	0,91	95,6	95,6	94,2	8,0	2,5	3,0	1,50000	912	79



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

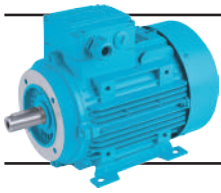
Elektromotoren Leistungsdaten



400V 50Hz 1500 d/d / 400V 50Hz 1500 rpm / 400V 50Hz 1500 UpM

IE3

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 % η			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % η			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm ²	kg	dB(A)
3E63M/4B	0,12	1405	0,37	0,82	0,70	66,0	64,9	58,2	3,7	2,3	2,7	0,00018	3,60	42
3E63M/4C	0,18	1405	0,52	1,22	0,71	69,9	68,8	63,6	3,8	2,3	2,8	0,00022	4,20	42
3E71M/4C	0,25	1435	0,67	1,66	0,71	76,0	75,4	71,5	5,4	2,2	3,0	0,00082	6,8	45
3E71M/4D	0,37	1435	0,97	2,46	0,70	78,5	78,2	75,0	5,5	2,2	3,1	0,00093	7,5	45
3E80M/4C	0,55	1450	1,34	3,62	0,73	80,8	80,4	77,0	5,9	2,1	3,1	0,00200	10,5	50
3E80M/4D	0,75	1450	1,77	4,94	0,74	82,5	82,3	80,0	6,2	2,5	3,4	0,00227	11,6	50
3E90S/4C	1,1	1450	2,46	7,25	0,76	84,5	84,3	82,0	7,0	2,6	3,6	0,00355	16,3	51
3E90L/4D	1,5	1450	3,3	9,91	0,77	85,3	85,2	83,0	7,2	2,8	3,8	0,00411	18,0	51
3E100L/4C	2,2	1450	4,65	14,5	0,79	86,7	87,2	86,0	7,2	2,8	3,6	0,00775	24,4	53
3E100L/4D	3	1450	6,26	19,8	0,79	87,7	88,0	87,0	7,2	2,8	3,6	0,00888	26,7	53
3E112M/4D	4	1460	8,05	26,2	0,81	88,6	88,4	87,5	7,4	2,8	3,8	0,01437	33,9	58
3E132S/4C	5,5	1465	10,9	36,0	0,81	89,6	90,2	90,0	7,0	3,0	3,4	0,03059	53,4	61
3E132M/4D	7,5	1465	14,4	48,9	0,83	90,4	90,4	89,4	7,9	3,0	3,4	0,03418	59,5	61
3E160M/4C	11	1465	21	71,7	0,83	91,5	92,1	91,7	7,6	2,8	3,3	0,07011	89,2	63
3E160L/4D	15	1465	28,7	97,8	0,82	92,1	92,4	91,9	7,8	2,8	3,6	0,08579	97,5	63
3E180M/4C	18,5	1475	35	120	0,82	92,6	93,2	92,9	7,7	3,0	3,3	0,12901	173	64
3E180L/4D	22	1470	41,4	143	0,82	93,0	93,7	93,7	8,0	3,0	3,4	0,14667	187	64
3E200L/4D	30	1475	54,5	194	0,85	93,6	94,1	94,0	8,0	3,0	3,4	0,28413	258	65
3E225S/4C	37	1478	65,7	239	0,87	93,9	94,5	94,5	8,3	3,2	3,3	0,38229	320	66
3E225M/4D	45	1477	80	291	0,86	94,2	94,7	94,7	8,6	3,3	3,2	0,44100	352	67
3E250M/4D	55	1482	95,3	354	0,88	94,6	95,1	95,2	8,7	3,3	3,2	0,73000	470	68
3E280S/4C	75	1485	130	482	0,88	95,0	95,3	95,1	7,9	3,0	3,2	1,40000	646	69
3E280M/4D	90	1485	156	579	0,88	95,2	95,7	95,7	7,9	3,1	3,2	1,50000	670	70
3E315S/4C	110	1488	191	706	0,87	95,4	95,7	95,3	7,5	2,7	3,0	2,40000	850	72
3E315M/4D	132	1489	229	846	0,87	95,6	95,9	95,5	7,5	2,7	3,0	2,80000	920	73
3E315L/4E	160	1490	274	1026	0,88	95,8	96,0	95,7	7,6	2,8	3,1	3,30000	1020	73
3E315L/4F	200	1491	341	1282	0,88	96,0	96,2	95,9	7,6	2,9	3,1	4,40000	1200	73



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

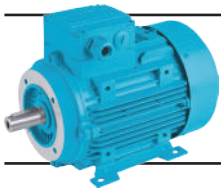
Elektromotoren Leistungsdaten



400V 50Hz 1500 d/d / 400V 50Hz 1500 rpm / 400V 50Hz 1500 UpM

IE3

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten							Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmoment	Atalet Momenti Moment of Inertia Trägheitsmoment	B3 Motor Ağırlığı B3 Motor Weight B3 Motor Gewicht	Ses Seviyesi Noise Level Geräuschpegel
	Güç	Devir	Akım	Moment	Güç Faktörü	Verim % η			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % η			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm ²	kg	dB(A)
3E71M/4C	0,25	1435	0,67	1,66	0,71	76,0	75,4	71,5	5,4	2,2	3,0	0,00082	6,8	45
3E71M/4D	0,37	1435	0,97	2,46	0,70	78,5	78,2	75,0	5,5	2,2	3,1	0,00093	7,5	45
3E80M/4C	0,55	1450	1,34	3,62	0,73	80,8	80,4	77,0	5,9	2,1	3,1	0,00200	10,5	50
3E80M/4D	0,75	1450	1,77	4,94	0,74	82,5	82,3	80,0	6,2	2,5	3,4	0,00227	11,6	50
3E90S/4C	1,1	1450	2,46	7,25	0,76	84,5	84,3	82,0	7,0	2,6	3,6	0,00355	16,3	51
3E90L/4D	1,5	1450	3,3	9,88	0,77	85,3	85,2	83,0	7,2	2,8	3,8	0,00410	18,0	51
3E100L/4C	2,2	1450	4,65	14,49	0,79	86,7	87,2	86,0	7,2	2,8	3,6	0,00780	24,4	53
3E100L/4D	3	1450	6,26	19,76	0,79	87,7	88,0	87,0	7,2	2,8	3,6	0,00890	26,7	53
3E112M/4D	4	1460	8,05	26,16	0,81	88,6	88,4	87,5	7,4	2,8	3,8	0,01430	33,9	58
3E132S/4C	5,5	1460	10,65	36	0,83	89,6	90,2	90,0	7,4	2,8	3,4	0,03060	53,4	61
3E132M/4D	7,5	1465	14,4	48,9	0,83	90,4	90,4	89,4	7,9	3,0	3,8	0,03420	59,5	61
3E160M/4C	11	1470	21	71,46	0,83	91,5	92,1	91,7	7,6	2,8	3,3	0,07010	89,2	63
3E160L/4D	15	1470	28,7	97,45	0,82	92,1	92,4	91,9	7,8	2,8	3,6	0,08600	97,5	63
3E180M/4C	18,5	1475	35	119,8	0,82	92,6	93,2	92,9	7,7	3,0	3,3	0,12900	173	64
3E180L/4D	22	1470	41,4	142,92	0,82	93,0	93,7	93,7	8,0	3,0	3,4	0,14700	187	64
3E200L/4D	30	1475	54,5	194,2	0,85	93,6	94,1	94,0	8,0	3,0	3,4	0,28400	258	65
3E225S/4C	37	1478	65,7	239	0,87	93,9	94,5	94,5	8,3	3,2	3,3	0,38200	320	66
3E225M/4D	45	1477	80	290,9	0,86	94,2	94,7	94,7	8,6	3,3	3,2	0,44100	352	67
3E250M/4D	55	1482	95,3	354,4	0,88	94,6	95,1	95,2	8,7	3,3	3,2	0,73400	470	68
3E280S/4C	75	1485	129,5	482,3	0,86	95,0	95,3	95,1	7,9	3,0	3,2	1,40000	646	69
3E280M/4D	90	1485	155,5	578,8	0,86	95,2	95,7	95,7	7,9	3,1	3,2	1,50000	670	70
3G315S/4	110	1487	194	706	0,86	95,4	95,2	95,0	7,4	2,4	3,0	2,5000	861	74
3G315M/4a	132	1488	226	847	0,88	95,6	95,4	95,3	7,4	2,4	3,0	2,8000	882	74
3G315L/4a	160	1488	275	1027	0,88	95,8	95,6	95,6	6,9	2,2	2,9	3,0000	930	74



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

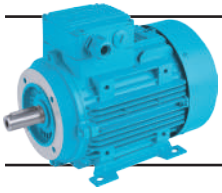
Elektromotoren Leistungsdaten



400V 50Hz 1000 d/d / 400V 50Hz 1000 rpm / 400V 50Hz 1000 UpM

IE3

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten							Kalkış Değerleri Starting Data Startdaten			Devrime 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 % η			Akım	Moment				
	Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
	Leistung	Drehzahl	Nennstrom	Drehmoment	Leistungsfaktor	Wirkungsgrad % η			Nennstrom	Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm ²	kg	dB(A)
3E71M/6C	0,18	930	0,55	1,85	0,69	68,0	67,4	62,6	3,6	2,0	2,4	0,00096	6,7	41
3E71M/6D	0,25	930	0,77	2,57	0,67	70,0	69,7	66,0	3,6	2,2	2,5	0,00116	7,5	41
3E80M/6B	0,37	930	1,03	3,8	0,70	74,0	73,8	70,0	4,4	2,1	2,6	0,00202	9,8	43
3E80M/6C	0,55	935	1,47	5,62	0,70	77,2	77,3	74,4	4,3	2,2	2,7	0,00228	10,6	43
3E90S/6B	0,75	945	1,96	7,58	0,70	78,9	79,2	77,6	4,7	2,2	2,7	0,00354	14,6	46
3E90L/6C	1,1	940	2,75	11,2	0,71	81,0	80,8	79,4	5,0	2,2	2,7	0,00428	17,0	46
3E100L/6B	1,5	955	3,5	15	0,75	82,5	82,7	81,4	5,3	2,1	2,8	0,00821	22,5	50
3E112M/6B	2,2	960	4,95	21,9	0,76	84,3	84,5	83,5	5,5	2,2	3,0	0,01319	27,2	56
3E132S/6B	3	970	6,55	29,4	0,77	85,6	85,5	84,5	6,2	2,1	3,0	0,03051	46,5	58
3E132M/6C	4	970	8,52	39,4	0,78	86,8	87,0	85,5	6,2	2,2	3,0	0,03493	51,0	58
3E132M/6D	5,5	965	11,6	54,4	0,78	88,0	88,9	88,5	6,2	2,2	3,0	0,03934	56,0	58
3E160M/6D	7,5	972	15,6	73,7	0,78	89,1	89,4	88,4	6,3	2,6	3,0	0,07870	96,0	61
3E160L/6E	11	972	22,9	108	0,77	90,3	90,9	90,5	6,6	2,9	3,3	0,08580	104	62
3E180L/6E	15	975	30,80	147	0,77	91,2	91,6	91,0	6,7	2,9	3,1	0,15264	187	63
3E200L/6C	18,5	977	36,4	181	0,80	91,7	91,8	91,8	6,1	2,6	2,6	0,36100	225	64
3E200L/6D	22	978	42,5	215	0,81	92,2	92,9	93,0	6,2	2,6	2,7	0,39355	245	64
3E225M/6C	30	985	57,6	291	0,81	92,9	92,9	92,6	6,6	2,6	2,7	0,60000	326	65
3E250M/6C	37	988	68,8	358	0,83	93,4	93,6	93,5	6,8	2,9	2,8	0,82000	432	65
3E280S/6B	45	989	83,5	435	0,83	93,7	93,9	93,2	6,8	2,9	2,8	1,45000	540	65
3E280M/6C	55	989	102	531	0,83	94,1	94,4	93,5	6,9	2,9	2,8	1,6500	575	65
3E315S/6B	75	990	136	723	0,84	94,6	94,8	94,2	7,2	2,7	3,0	2,70000	760	67
3E315M/6C	90	991	163	867	0,84	94,9	95,0	94,5	7,2	2,7	3,0	3,5000	890	67
3E315M/6D	110	991	197	1060	0,85	95,1	95,2	94,9	7,2	2,8	3,0	3,80000	1010	68
3E315L/6E	132	991	235	1272	0,85	95,4	95,5	95,2	7,2	2,8	3,1	4,50000	1160	68



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten



400V 50Hz 1000 d/d / 400V 50Hz 1000 rpm / 400V 50Hz 1000 UpM

IE3

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten								Kalkış Değerleri Starting Data Startdaten		Devrilme Momenti Breakdown Torque Kippmoment	Atalet Momenti Moment of Inertia Trägheitsmoment	B3 Motor Ağırlığı B3 Motor Weight B3 Motor Gewicht	Ses Seviyesi Noise Level Geräuschpegel
	Güç Power Leistung	Devir Speed Drehzahl	Akım Current Nennstrom	Moment Torque Drehmoment	Güç Faktörü Power Factor Leistungsfaktor	Verim % η Efficiency % η Wirkungsgrad % η			Akım Current Nennstrom	Moment Torque Drehmoment				
	kW	d/d rpm UpM	A	Nm	cos ϕ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N				
											M_K/M_N	kgm ²	kg	dB(A)
3E71M/6C	0,18	930	0,55	1,85	0,69	68,0	67,4	62,6	3,6	2,0	2,4	0,00096	6,7	41
3E71M/6D	0,25	930	0,77	2,57	0,67	70,0	69,7	66,0	3,6	2,2	2,5	0,00116	7,5	41
3E80M/6B	0,37	930	1,03	3,8	0,70	74,0	73,8	70,0	4,4	2,1	2,6	0,00202	9,8	43
3E80M/6C	0,55	935	1,47	5,62	0,70	77,2	77,3	74,4	4,3	2,2	2,7	0,00228	10,6	43
3E90S/6B	0,75	945	1,96	7,58	0,70	78,9	79,2	77,6	4,7	2,2	2,7	0,00354	14,6	46
3E90L/6C	1,1	940	2,75	11,2	0,71	81,0	80,8	79,4	5,0	2,2	2,7	0,00428	17,0	46
3E100L/6B	1,5	955	3,5	15	0,75	82,5	82,7	81,4	5,3	2,1	2,8	0,00820	22,5	50
3E112M/6B	2,2	960	4,95	21,9	0,76	84,3	84,5	83,5	5,5	2,2	3,0	0,01320	27,2	56
3E132S/6B	3	970	6,55	29,4	0,77	85,6	85,5	84,5	6,2	2,1	3,0	0,03050	46,5	58
3E132M/6C	4	970	8,52	39,4	0,78	86,8	87,0	85,5	6,2	2,2	3,0	0,03500	51,0	58
3E132M/6D	5,5	965	11,55	54,4	0,78	88,0	88,9	88,5	6,2	2,2	3,0	0,03940	56,0	58
3E160M/6D	7,5	972	15,55	73,8	0,78	89,1	89,4	88,4	6,3	2,6	3,0	0,07870	96,0	61
3E160L/6E	11	972	22,9	108,07	0,77	90,3	90,9	90,5	6,6	2,9	3,3	0,08580	104	62
3E180L/6E	15	975	30,80	147,92	0,77	91,2	91,6	91,0	6,7	2,9	3,1	0,15300	187	63
3E200L/6C	18,5	977	36,4	180,8	0,80	91,7	91,8	91,8	6,1	2,6	2,6	0,36100	225	64
3E200L/6D	22	978	42,5	214,8	0,81	92,2	92,9	93,0	6,2	2,6	2,7	0,39400	245	64
3E225M/6C	30	985	57,6	290,8	0,81	92,9	92,9	92,6	6,6	2,6	2,7	0,60000	326	65
3E250M/6C	37	988	68,8	357,6	0,83	93,4	93,6	93,5	6,8	2,7	2,68	0,82000	432	65
3E280S/6B	45	989	82,5	434,5	0,84	93,7	93,9	93,2	6,8	2,9	2,8	1,45000	540	65
3E280M/6C	55	989	100,4	531	0,84	94,1	94,4	93,5	6,9	2,9	2,9	1,6500	575	65
3G315S/6	75	992	140	722	0,82	94,6	94,6	94,4	7,2	2,7	3,0	2,9000	805	72
3G315M/6a	90	992	166	866	0,82	94,9	94,9	94,5	7,2	2,7	3,0	3,5000	860	72
3G315M/6b	110	992	198	1059	0,84	95,1	95,1	94,9	7,2	2,7	3,0	4,2000	980	72
3G315L/6	132	992	235	1271	0,85	95,4	95,4	95,2	7,2	2,7	3,0	4,3000	1150	72
3G355M/6a	160	993	197	1539	0,82	95,6	95,6	95,0	7,0	2,4	3,2	6,8000	1185	72

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