

Электродвигатели общего назначения (IE2)

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
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Брянск (4832)59-03-52
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Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
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Мурманск (8152)59-64-93
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Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
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Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
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Самара (846)206-03-16
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Саратов (845)249-38-78
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Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
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Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
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Череповец (8202)49-02-64
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Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: eko@nt-rt.ru || сайт: <https://elk-motor.nt-rt.ru/>

2EL063M2A

IE2, 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

IE2



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 : **2800 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 : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **63**

Number of Phases : **3**

Torque : **0.61 Nm**

Number of Poles : **2**

Current : **0.87/0.50 A (D/Y)**

Moment of Inertia : **0.00012 kg.m²**

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

Efficiency : **67.5 % - 66.0 % - 62.0 %**

Power Factor : **0.77**

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

Locked Rotor Torque : **2.9 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 : **51 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **3.80 kg**

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

2EL063M2B

IE2, 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

IE2



Synchronous Speed

3000 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 : **2800 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 : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **63**

Number of Phases : **3**

Torque : **0.85 Nm**

Number of Poles : **2**

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

Moment of Inertia : **0.00015 kg.m²**

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

Efficiency : **69.0 % - 68.0 % - 63.5 %**

Power Factor : **0.78**

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

Locked Rotor Torque : **2.9 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 : **51 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **4.00 kg**

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

2EL063M4B

IE2, 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

IE2



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 : **1400 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 : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **63**

Number of Phases : **3**

Torque : **0.82 Nm**

Number of Poles : **4**

Current : **0.73/0.42 A (D/Y)**

Moment of Inertia : **0.00018 kg.m²**

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

Efficiency : **60.1 % - 60.5 % - 54.5 %**

Power Factor : **0.70**

Locked Rotor Current : **3.0 Ia/In**

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

Break Down Torque : **2.3 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 : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **4.00 kg**

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

2EL063M4C

IE2, 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

IE2



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 : **1400 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 : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **63**

Number of Phases : **3**

Torque : **1.23 Nm**

Number of Poles : **4**

Current : **0.97/0.56 A (D/Y)**

Moment of Inertia : **0.00022 kg.m²**

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

Efficiency : **64.7 % - 65.8 % - 61.5 %**

Power Factor : **0.71**

Locked Rotor Current : **3.0 Ia/In**

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

Break Down Torque : **2.3 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 : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **4.40 kg**

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

2EL071M2A

IE2, 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

IE2



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 : **2790 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 : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.26 Nm**

Number of Poles : **2**

Current : **1.56/0.90 A (D/Y)**

Moment of Inertia : **0.00031 kg.m²**

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

Efficiency : **74.2 % - 74.5 % - 72.5 %**

Power Factor : **0.80**

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

Locked Rotor Torque : **2.5 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 : **54 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **5.70 kg**

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

2EL071M2B

IE2, 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

IE2



Output Power

0.55 kW



Synchronous Speed

3000 rpm



Voltage

230/400 V (D/Y)



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Three Phase Motors**

Product Subcategories : **Aluminum Frame**

Output Power : **0.55 kW**

Speed : **2790 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 : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.88 Nm**

Number of Poles : **2**

Current : **2.20/1.27 A (D/Y)**

Moment of Inertia : **0.00037 kg.m²**

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

Efficiency : **75.8 % - 77.0 % - 76.0 %**

Power Factor : **0.82**

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

Locked Rotor Torque : **2.8 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 : **54 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **6.20 kg**

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

2EL071M4B

IE2, 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

IE2



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 : **1425 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 : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.68 Nm**

Number of Poles : **4**

Current : **1.23/0.71 A (D/Y)**

Moment of Inertia : **0.00067 kg.m²**

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

Efficiency : **74.0 % - 73.5 % - 70.5 %**

Power Factor : **0.69**

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

Locked Rotor Torque : **2.0 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 : **46 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **6.30 kg**

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

2EL071M4C

IE2, 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

IE2



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 : **1425 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 : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **2.47 Nm**

Number of Poles : **4**

Current : **1.73/1.00 A (D/Y)**

Moment of Inertia : **0.00082 kg.m²**

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

Efficiency : **76.1 % - 75.5 % - 71.5 %**

Power Factor : **0.70**

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

Locked Rotor Torque : **2.0 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 : **46 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **7.00 kg**

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

2EL071M6B

IE2, 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

IE2



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 : **920 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 : **IE2**

Synchronous Speed : **1000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **1.87 Nm**

Number of Poles : **6**

Current : **1.04/0.60 A (D/Y)**

Moment of Inertia : **0.00076 kg.m²**

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

Efficiency : **64.5 % - 63.0 % - 57.0 %**

Power Factor : **0.67**

Locked Rotor Current : **3.2 Ia/In**

Locked Rotor Torque : **1.9 Ma/Mn**

Break Down Torque : **2.3 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 : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **6.10 kg**

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

2EL071M6C

IE2, 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

IE2



Output Power

0.25 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 : **0.25 kW**

Speed : **920 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 : **IE2**

Synchronous Speed : **1000 rpm**

Frame Size : **71**

Number of Phases : **3**

Torque : **2.59 Nm**

Number of Poles : **6**

Current : **1.35/0.78 A (D/Y)**

Moment of Inertia : **0.00096 kg.m²**

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

Efficiency : **66.5 % - 66.0 % - 61.0 %**

Power Factor : **0.69**

Locked Rotor Current : **3.3 Ia/In**

Locked Rotor Torque : **1.9 Ma/Mn**

Break Down Torque : **2.3 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 : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **6.70 kg**

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

2EL080M4B

IE2, 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

IE2



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 : **1440 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 : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **3.65 Nm**

Number of Poles : **4**

Current : **2.51/1.45 A (D/Y)**

Moment of Inertia : **0.00175 kg.m²**

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

Efficiency : **77.1 % - 76.7 % - 75.0 %**

Power Factor : **0.71**

Locked Rotor Current : **5.2 Ia/In**

Locked Rotor Torque : **2.0 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 : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **9.70 kg**

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

2EL080M6A

IE2, 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

IE2



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 : **925 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 : **IE2**

Synchronous Speed : **1000 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **3.82 Nm**

Number of Poles : **6**

Current : **1.87/1.08 A (D/Y)**

Moment of Inertia : **0.00176 kg.m²**

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

Efficiency : **71.4 % - 71.5 % - 70.0 %**

Power Factor : **0.69**

Locked Rotor Current : **4.0 Ia/In**

Locked Rotor Torque : **2.0 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 : **45 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **9.10 kg**

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

2EL080M6B

IE2, 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

IE2



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 : **932 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 : **IE2**

Synchronous Speed : **1000 rpm**

Frame Size : **80**

Number of Phases : **3**

Torque : **5.64 Nm**

Number of Poles : **6**

Current : **2.60/1.50 A (D/Y)**

Moment of Inertia : **0.00202 kg.m²**

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

Efficiency : **73.5 % - 74.0 % - 71.0 %**

Power Factor : **0.72**

Locked Rotor Current : **4.2 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 : **45 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.15**

Direction of Rotation : **Clockwise**

Motor Weight : **9.80 kg**

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

2MD063M2A

IE2, 0.18 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.18 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.18 kW**

Speed : **2785 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **63**

Number of Phases : **1**

Torque : **0.62 Nm**

Number of Poles : **2**

Current : **1.25 A**

Moment of Inertia : **0.00013 kg.m²**

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

Efficiency : **64.0 % - 61.0 % - 55.2 %**

Power Factor : **0.98**

Locked Rotor Current : **3.00 Ia/In**

Locked Rotor Torque : **0.60 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **4.10 kg**

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

Run Capacitor Capacity : **10 µF**

Run Capacitor Voltage : **400 V**

2MD063M2B

IE2, 0.25 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.25 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.25 kW**

Speed : **2820 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **63**

Number of Phases : **1**

Torque : **0.85 Nm**

Number of Poles : **2**

Current : **1.68 A**

Moment of Inertia : **0.00016 kg.m²**

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

Efficiency : **67.0 % - 63.1 % - 57.1 %**

Power Factor : **0.97**

Locked Rotor Current : **3.30 Ia/In**

Locked Rotor Torque : **0.65 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **4.30 kg**

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

Run Capacitor Capacity : **15 µF**

Run Capacitor Voltage : **400 V**

2MD063M4B

IE2, 0.12 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.12 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.12 kW**

Speed : **1415 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **63**

Number of Phases : **1**

Torque : **0.81 Nm**

Number of Poles : **4**

Current : **0.91 A**

Moment of Inertia : **0.00019 kg.m²**

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

Efficiency : **59.1 % - 50.8 % - 40.5 %**

Power Factor : **0.97**

Locked Rotor Current : **2.30 Ia/In**

Locked Rotor Torque : **0.58 Ma/Mn**

Break Down Torque : **1.75 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **4.40 kg**

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

Run Capacitor Capacity : **10 µF**

Run Capacitor Voltage : **400 V**

2MD063M4C

IE2, 0.18 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.18 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.18 kW**

Speed : **1420 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **63**

Number of Phases : **1**

Torque : **1.21 Nm**

Number of Poles : **4**

Current : **1.27 A**

Moment of Inertia : **0.00023 kg.m²**

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

Efficiency : **64.7 % - 57.2 % - 44.0 %**

Power Factor : **0.95**

Locked Rotor Current : **2.50 Ia/In**

Locked Rotor Torque : **0.60 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **5.00 kg**

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

Run Capacitor Capacity : **15 µF**

Run Capacitor Voltage : **400 V**

2MD071M2B

IE2, 0.37 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.37 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.37 kW**

Speed : **2840 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **1**

Torque : **1.24 Nm**

Number of Poles : **2**

Current : **2.20 A**

Moment of Inertia : **0.00032 kg.m²**

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

Efficiency : **74.4 % - 73.0 % - 64.5 %**

Power Factor : **0.98**

Locked Rotor Current : **3.70 Ia/In**

Locked Rotor Torque : **0.60 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **6.60 kg**

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

Run Capacitor Capacity : **20 µF**

Run Capacitor Voltage : **400 V**

2MD071M2C

IE2, 0.55 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.55 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.55 kW**

Speed : **2845 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **1**

Torque : **1.85 Nm**

Number of Poles : **2**

Current : **3.18 A**

Moment of Inertia : **0.00039 kg.m²**

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

Efficiency : **76.5 % - 75.2 % - 68.0 %**

Power Factor : **0.98**

Locked Rotor Current : **3.80 Ia/In**

Locked Rotor Torque : **0.60 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **7.60 kg**

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

Run Capacitor Capacity : **25 µF**

Run Capacitor Voltage : **400 V**

2MD071M4C

IE2, 0.25 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.25 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.25 kW**

Speed : **1445 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **71**

Number of Phases : **1**

Torque : **1.65 Nm**

Number of Poles : **4**

Current : **1.73 A**

Moment of Inertia : **0.00071 kg.m²**

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

Efficiency : **68.5 % - 61.4 % - 49.8 %**

Power Factor : **0.93**

Locked Rotor Current : **3.50 Ia/In**

Locked Rotor Torque : **0.60 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **7.40 kg**

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

Run Capacitor Capacity : **15 µF**

Run Capacitor Voltage : **400 V**

2MD071M4D

IE2, 0.37 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.37 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.37 kW**

Speed : **1440 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **71**

Number of Phases : **1**

Torque : **2.45 Nm**

Number of Poles : **4**

Current : **2.36 A**

Moment of Inertia : **0.00086 kg.m²**

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

Efficiency : **72.7 % - 65.8 % - 54.3 %**

Power Factor : **0.94**

Locked Rotor Current : **3.20 Ia/In**

Locked Rotor Torque : **0.50 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **8.20 kg**

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

Run Capacitor Capacity : **20 µF**

Run Capacitor Voltage : **400 V**

2MD080M2B

IE2, 0.75 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.75 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.75 kW**

Speed : **2800 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **80**

Number of Phases : **1**

Torque : **2.56 Nm**

Number of Poles : **2**

Current : **4.31 A**

Moment of Inertia : **0.00094 kg.m²**

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

Efficiency : **77.4 % - 74.4 % - 67.3 %**

Power Factor : **0.98**

Locked Rotor Current : **3.80 Ia/In**

Locked Rotor Torque : **0.60 Ma/Mn**

Break Down Torque : **2.10 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **9.90 kg**

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

Run Capacitor Capacity : **30 µF**

Run Capacitor Voltage : **400 V**

2MD080M2C

IE2, 1.10 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

1.10 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **1.10 kW**

Speed : **2810 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **80**

Number of Phases : **1**

Torque : **3.74 Nm**

Number of Poles : **2**

Current : **6.05 A**

Moment of Inertia : **0.00108 kg.m²**

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

Efficiency : **79.6 % - 78.6 % - 73.0 %**

Power Factor : **0.99**

Locked Rotor Current : **3.80 Ia/In**

Locked Rotor Torque : **0.57 Ma/Mn**

Break Down Torque : **2.10 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **11.6 kg**

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

Run Capacitor Capacity : **40 µF**

Run Capacitor Voltage : **400 V**

2MD080M4C

IE2, 0.55 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Synchronous Speed

1500 rpm



Frequency

50 Hz



Output Power

0.55 kW



Voltage

230 V



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.55 kW**

Speed : **1415 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **80**

Number of Phases : **1**

Torque : **3.71 Nm**

Number of Poles : **4**

Current : **3.20 A**

Moment of Inertia : **0.00184 kg.m²**

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

Efficiency : **77.1 % - 72.0 % - 63.1 %**

Power Factor : **0.97**

Locked Rotor Current : **3.50 Ia/In**

Locked Rotor Torque : **0.55 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **10.6 kg**

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

Run Capacitor Capacity : **30 µF**

Run Capacitor Voltage : **400 V**

2MD080M4D

IE2, 0.75 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.75 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **0.75 kW**

Speed : **1400 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **80**

Number of Phases : **1**

Torque : **5.12 Nm**

Number of Poles : **4**

Current : **4.18 A**

Moment of Inertia : **0.00210 kg.m²**

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

Efficiency : **79.6 % - 77.2 % - 69.5 %**

Power Factor : **0.98**

Locked Rotor Current : **3.50 Ia/In**

Locked Rotor Torque : **0.55 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **12.4 kg**

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

Run Capacitor Capacity : **30 µF**

Run Capacitor Voltage : **400 V**

2MD090L2D

IE2, 2.20 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

2.20 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **2.20 kW**

Speed : **2850 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **90**

Number of Phases : **1**

Torque : **7.37 Nm**

Number of Poles : **2**

Current : **11.8 A**

Moment of Inertia : **0.00234 kg.m²**

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

Efficiency : **83.2 % - 82.0 % - 75.7 %**

Power Factor : **0.98**

Locked Rotor Current : **4.40 Ia/In**

Locked Rotor Torque : **0.52 Ma/Mn**

Break Down Torque : **2.10 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **19.0 kg**

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

Run Capacitor Capacity : **80 µF**

Run Capacitor Voltage : **400 V**

2MD090L4E

IE2, 1.50 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

1.50 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **1.50 kW**

Speed : **1420 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **90**

Number of Phases : **1**

Torque : **10.1 Nm**

Number of Poles : **4**

Current : **8.20 A**

Moment of Inertia : **0.00373 kg.m²**

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

Efficiency : **82.8 % - 81.0 % - 74.2 %**

Power Factor : **0.96**

Locked Rotor Current : **4.00 Ia/In**

Locked Rotor Torque : **0.45 Ma/Mn**

Break Down Torque : **1.70 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **18.7 kg**

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

Run Capacitor Capacity : **60 µF**

Run Capacitor Voltage : **400 V**

2MD090S2B

IE2, 1.50 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

1.50 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **1.50 kW**

Speed : **2810 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **90**

Number of Phases : **1**

Torque : **5.10 Nm**

Number of Poles : **2**

Current : **8.20 A**

Moment of Inertia : **0.00160 kg.m²**

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

Efficiency : **81.3 % - 81.2 % - 76.0 %**

Power Factor : **0.98**

Locked Rotor Current : **4.00 Ia/In**

Locked Rotor Torque : **0.52 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **16.2 kg**

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

Run Capacitor Capacity : **60 µF**

Run Capacitor Voltage : **400 V**

2MD090S4D

IE2, 1.10 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

1.10 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Run Capacitor Aluminum Frame**

Output Power : **1.10 kW**

Speed : **1420 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **90**

Number of Phases : **1**

Torque : **7.40 Nm**

Number of Poles : **4**

Current : **6.00 A**

Moment of Inertia : **0.00295 kg.m²**

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

Efficiency : **81.4 % - 79.2 % - 71.8 %**

Power Factor : **0.98**

Locked Rotor Current : **4.00 Ia/In**

Locked Rotor Torque : **0.45 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **18.1 kg**

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

Run Capacitor Capacity : **40 µF**

Run Capacitor Voltage : **400 V**

2MS063M2A

IE2, 0.18 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.18 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.18 kW**

Speed : **2785 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **63**

Number of Phases : **1**

Torque : **0.62 Nm**

Number of Poles : **2**

Current : **1.25 A**

Moment of Inertia : **0.00013 kg.m²**

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

Efficiency : **64.0 % - 61.0 % - 55.2 %**

Power Factor : **0.98**

Locked Rotor Current : **4.80 Ia/In**

Locked Rotor Torque : **2.70 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **4.30 kg**

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

Run Capacitor Capacity : **10 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **36-43 µF**

Start Capacitor Voltage : **330 V**

2MS063M2B

IE2, 0.25 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.25 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.25 kW**

Speed : **2820 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **63**

Number of Phases : **1**

Torque : **0.85 Nm**

Number of Poles : **2**

Current : **1.68 A**

Moment of Inertia : **0.00016 kg.m²**

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

Efficiency : **67.0 % - 63.1 % - 57.1 %**

Power Factor : **0.97**

Locked Rotor Current : **4.90 Ia/In**

Locked Rotor Torque : **2.80 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **4.50 kg**

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

Run Capacitor Capacity : **15 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **43-52 µF**

Start Capacitor Voltage : **330 V**

2MS063M4B

IE2, 0.12 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.12 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.12 kW**

Speed : **1415 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **63**

Number of Phases : **1**

Torque : **0.81 Nm**

Number of Poles : **4**

Current : **0.91 A**

Moment of Inertia : **0.00019 kg.m²**

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

Efficiency : **59.1 % - 50.8 % - 40.5 %**

Power Factor : **0.97**

Locked Rotor Current : **4.90 Ia/In**

Locked Rotor Torque : **2.60 Ma/Mn**

Break Down Torque : **1.75 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **4.60 kg**

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

Run Capacitor Capacity : **10 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **30-36 µF**

Start Capacitor Voltage : **330 V**

2MS063M4C

IE2, 0.18 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.18 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.18 kW**

Speed : **1420 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **63**

Number of Phases : **1**

Torque : **1.21 Nm**

Number of Poles : **4**

Current : **1.27 A**

Moment of Inertia : **0.00023 kg.m²**

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

Efficiency : **64.7 % - 57.2 % - 44.0 %**

Power Factor : **0.95**

Locked Rotor Current : **4.80 Ia/In**

Locked Rotor Torque : **2.70 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **5.20 kg**

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

Run Capacitor Capacity : **15 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **30-36 µF**

Start Capacitor Voltage : **330 V**

2MS071M2B

IE2, 0.37 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.37 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.37 kW**

Speed : **2840 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **1**

Torque : **1.24 Nm**

Number of Poles : **2**

Current : **2.20 A**

Moment of Inertia : **0.00032 kg.m²**

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

Efficiency : **74.4 % - 73.0 % - 64.5 %**

Power Factor : **0.98**

Locked Rotor Current : **4.90 Ia/In**

Locked Rotor Torque : **2.60 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **6.80 kg**

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

Run Capacitor Capacity : **20 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **53-64 µF**

Start Capacitor Voltage : **330 V**

2MS071M2C

IE2, 0.55 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Synchronous Speed

3000 rpm



Frequency

50 Hz



Output Power

0.55 kW



Voltage

230 V



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.55 kW**

Speed : **2845 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **71**

Number of Phases : **1**

Torque : **1.85 Nm**

Number of Poles : **2**

Current : **3.18 A**

Moment of Inertia : **0.00039 kg.m²**

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

Efficiency : **76.5 % - 75.2 % - 68.0 %**

Power Factor : **0.98**

Locked Rotor Current : **4.90 Ia/In**

Locked Rotor Torque : **2.60 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **7.80 kg**

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

Run Capacitor Capacity : **25 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **72-86 µF**

Start Capacitor Voltage : **330 V**

2MS071M4C

IE2, 0.25 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.25 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.25 kW**

Speed : **1445 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **71**

Number of Phases : **1**

Torque : **1.65 Nm**

Number of Poles : **4**

Current : **1.73 A**

Moment of Inertia : **0.00071 kg.m²**

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

Efficiency : **68.5 % - 61.4 % - 49.8 %**

Power Factor : **0.93**

Locked Rotor Current : **4.90 Ia/In**

Locked Rotor Torque : **2.70 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **7.60 kg**

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

Run Capacitor Capacity : **15 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **36-43 µF**

Start Capacitor Voltage : **330 V**

2MS071M4D

IE2, 0.37 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.37 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.37 kW**

Speed : **1440 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **71**

Number of Phases : **1**

Torque : **2.45 Nm**

Number of Poles : **4**

Current : **2.36 A**

Moment of Inertia : **0.00086 kg.m²**

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

Efficiency : **72.7 % - 65.8 % - 54.3 %**

Power Factor : **0.94**

Locked Rotor Current : **4.70 Ia/In**

Locked Rotor Torque : **2.50 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **8.40 kg**

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

Run Capacitor Capacity : **20 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **53-64 µF**

Start Capacitor Voltage : **330 V**

2MS080M2B

IE2, 0.75 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.75 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.75 kW**

Speed : **2800 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **80**

Number of Phases : **1**

Torque : **2.56 Nm**

Number of Poles : **2**

Current : **4.31 A**

Moment of Inertia : **0.00094 kg.m²**

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

Efficiency : **77.4 % - 74.4 % - 67.3 %**

Power Factor : **0.98**

Locked Rotor Current : **5.30 Ia/In**

Locked Rotor Torque : **2.60 Ma/Mn**

Break Down Torque : **2.10 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **10.1 kg**

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

Run Capacitor Capacity : **30 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **88-106 µF**

Start Capacitor Voltage : **330 V**

2MS080M2C

IE2, 1.10 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Synchronous Speed

3000 rpm



Frequency

50 Hz



Output Power

1.10 kW



Voltage

230 V



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **1.10 kW**

Speed : **2810 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **80**

Number of Phases : **1**

Torque : **3.74 Nm**

Number of Poles : **2**

Current : **6.05 A**

Moment of Inertia : **0.00108 kg.m²**

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

Efficiency : **79.6 % - 78.6 % - 73.0 %**

Power Factor : **0.99**

Locked Rotor Current : **5.30 Ia/In**

Locked Rotor Torque : **2.70 Ma/Mn**

Break Down Torque : **2.10 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

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)**

Run Capacitor Capacity : **40 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **145-174 µF**

Start Capacitor Voltage : **280 V**

2MS080M4C

IE2, 0.55 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.55 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.55 kW**

Speed : **1415 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **80**

Number of Phases : **1**

Torque : **3.71 Nm**

Number of Poles : **4**

Current : **3.20 A**

Moment of Inertia : **0.00184 kg.m²**

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

Efficiency : **77.1 % - 72.0 % - 63.1 %**

Power Factor : **0.97**

Locked Rotor Current : **4.60 Ia/In**

Locked Rotor Torque : **2.60 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **10.8 kg**

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

Run Capacitor Capacity : **30 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **64-77 µF**

Start Capacitor Voltage : **330 V**

2MS080M4D

IE2, 0.75 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

0.75 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **0.75 kW**

Speed : **1400 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **80**

Number of Phases : **1**

Torque : **5.12 Nm**

Number of Poles : **4**

Current : **4.18 A**

Moment of Inertia : **0.00210 kg.m²**

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

Efficiency : **79.6 % - 77.2 % - 69.5 %**

Power Factor : **0.98**

Locked Rotor Current : **4.50 Ia/In**

Locked Rotor Torque : **2.60 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **12.6 kg**

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

Run Capacitor Capacity : **30 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **72-86 µF**

Start Capacitor Voltage : **330 V**

2MS090L2D

IE2, 2.20 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

2.20 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **2.20 kW**

Speed : **2850 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **90**

Number of Phases : **1**

Torque : **7.37 Nm**

Number of Poles : **2**

Current : **11.8 A**

Moment of Inertia : **0.00234 kg.m²**

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

Efficiency : **83.2 % - 82.0 % - 75.7 %**

Power Factor : **0.98**

Locked Rotor Current : **4.80 Ia/In**

Locked Rotor Torque : **1.50 Ma/Mn**

Break Down Torque : **2.10 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

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)**

Run Capacitor Capacity : **80 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **189-227 µF**

Start Capacitor Voltage : **330 V**

2MS090L4E

IE2, 1.50 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)




B5 Foot Mounted (PA)





B14 Bride (FC)



B14 Foot Mounted (PC)

 Efficiency Class
IE2

 Synchronous Speed
1500 rpm

 Frequency
50 Hz

 Output Power
1.50 kW

 Voltage
230 V

 Frame Material
Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **1.50 kW**

Speed : **1420 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **90**

Number of Phases : **1**

Torque : **10.1 Nm**

Number of Poles : **4**

Current : **8.20 A**

Moment of Inertia : **0.00373 kg.m²**

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

Efficiency : **82.8 % - 81.0 % - 74.2 %**

Power Factor : **0.96**

Locked Rotor Current : **4.50 Ia/In**

Locked Rotor Torque : **2.10 Ma/Mn**

Break Down Torque : **1.70 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **18.9 kg**

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

Run Capacitor Capacity : **60 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **161-193 µF**

Start Capacitor Voltage : **330 V**

2MS090S2B

IE2, 1.50 kW, 3000 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

1.50 kW



Synchronous Speed

3000 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **1.50 kW**

Speed : **2810 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **3000 rpm**

Frame Size : **90**

Number of Phases : **1**

Torque : **5.10 Nm**

Number of Poles : **2**

Current : **8.20 A**

Moment of Inertia : **0.00160 kg.m²**

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

Efficiency : **81.3 % - 81.2 % - 76.0 %**

Power Factor : **0.98**

Locked Rotor Current : **5.00 Ia/In**

Locked Rotor Torque : **2.20 Ma/Mn**

Break Down Torque : **2.00 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **16.4 kg**

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

Run Capacitor Capacity : **60 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **189-227 µF**

Start Capacitor Voltage : **330 V**

2MS090S4D

IE2, 1.10 kW, 1500 rpm, 230 V, 50 Hz, Aluminum



B3 Foot Mounted (PD)



B5 Bride (FA)



B5 Foot Mounted (PA)



B14 Bride (FC)



B14 Foot Mounted (PC)



Efficiency Class

IE2



Output Power

1.10 kW



Synchronous Speed

1500 rpm



Voltage

230 V



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Single Phase Motors**

Product Subcategories : **Start+Run Capacitor Aluminum Frame**

Output Power : **1.10 kW**

Speed : **1420 rpm**

Voltage : **230 V**

Frequency : **50 Hz**

Frame Material : **Aluminum**

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

Terminal Box Position : **Top**

Efficiency Class : **IE2**

Synchronous Speed : **1500 rpm**

Frame Size : **90**

Number of Phases : **1**

Torque : **7.40 Nm**

Number of Poles : **4**

Current : **6.00 A**

Moment of Inertia : **0.00295 kg.m²**

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

Efficiency : **81.4 % - 79.2 % - 71.8 %**

Power Factor : **0.98**

Locked Rotor Current : **5.10 Ia/In**

Locked Rotor Torque : **2.60 Ma/Mn**

Break Down Torque : **1.90 Mk/Mn**

Insulation Class : **F (155°C)**

Ambient Temperature : **-15°C +40°C**

Maximum Altitude : **1000 m**

Vibration Class : **A**

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

Direction of Rotation : **Clockwise**

Motor Weight : **18.3 kg**

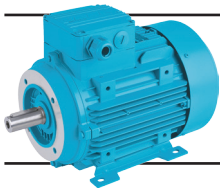
Bearings : **DS (6205ZZ C3) - NS (6205ZZ C3)**

Run Capacitor Capacity : **40 µF**

Run Capacitor Voltage : **400 V**

Start Capacitor Capacity : **161-193 µF**

Start Capacitor Voltage : **330 V**



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten



400V 50Hz 3000 d/d / 400V 50Hz 3000 rpm / 400V 50Hz 3000 UpM

IE2

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 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)	
2E63M/2A	0,18	2800	0,5	0,61	0,77	67,5	66,0	62,0	4,5	2,9	3,0	0,00012	3,80	51
2E63M/2B	0,25	2800	0,67	0,85	0,78	69,0	68,0	63,5	4,5	2,9	3,0	0,00015	4,20	51
2E71M/2A	0,37	2790	0,90	1,26	0,80	74,2	74,5	72,5	5,0	2,5	2,8	0,00031	5,50	54
2E71M/2B	0,55	2790	1,27	1,88	0,82	75,8	77,0	76,0	5,0	2,8	2,9	0,00037	6,30	54

400V 50Hz 1500 d/d / 400V 50Hz 1500 rpm / 400V 50Hz 1500 UpM

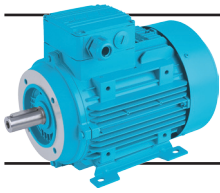
IE2

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 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)	
2E63M/4B	0,12	1400	0,42	0,82	0,70	60,1	60,5	54,5	3,0	2,1	2,3	0,00018	3,60	42
2E63M/4C	0,18	1400	0,56	1,23	0,71	64,7	65,8	61,5	3,0	2,1	2,3	0,00022	4,20	42
2E71M/4B	0,25	1425	0,71	1,68	0,69	74,0	73,5	70,5	4,4	2,0	3,0	0,00067	5,90	46
2E71M/4C	0,37	1425	1,00	2,47	0,70	76,1	75,5	71,5	4,6	2,0	3,0	0,00082	6,70	46
2E80M/4B	0,55	1440	1,45	3,65	0,71	77,1	76,7	75,0	5,2	2,0	3,0	0,00175	9,70	50

400V 50Hz 1000 d/d / 400V 50Hz 1000 rpm / 400V 50Hz 1000 UpM

IE2

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 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)	
2E71M/6B	0,18	920	0,60	1,87	0,67	64,5	63,0	57,0	3,2	1,9	2,3	0,00076	5,90	42
2E71M/6C	0,25	920	0,78	2,59	0,69	66,5	66,0	61,0	3,3	1,9	2,3	0,00096	6,60	42
2E80M/6A	0,37	925	1,08	3,82	0,69	71,4	71,5	70,0	4,0	2,0	2,6	0,00176	9,10	45
2E80M/6B	0,55	932	1,50	5,64	0,72	73,5	74,0	71,0	4,2	2,1	2,6	0,00202	9,90	45



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten

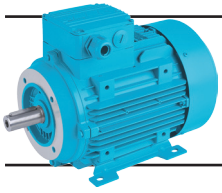


400V 50Hz 3000 d/d / 400V 50Hz 3000 rpm / 400V 50Hz 3000 UpM

IE2

Tip Type Typ	Tam Yük Değerleri Full-load Data Vollastdaten							Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmo- ment M_K/M_N	Atalet Momenti Moment of Inertia Trägheits- moment kgm^2	B3 Motor Ağırlığı B3 Motor Weight B3 Motor Gewicht kg	Ses Seviyesi Noise Level Geräusch- pegel dB(A)
	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				
G56/2b*	0,12	2800	0,35	0,41	0,74	64,5	64,1	56,9	4,2	2,5	2,8	0,00012	2,8	42
G63/2a*	0,18	2820	0,5	0,61	0,73	64,4	64,2	57,7	4,6	2,9	2,9	0,00011	3,6	52
G63/2b*	0,25	2840	0,67	0,84	0,63	67,3	67,1	60,9	4,5	2,5	2,9	0,00013	4,0	52
2E71M/2A	0,37	2790	0,9	1,26	0,80	74,2	74,5	72,5	5,0	2,5	2,8	0,00031	5,5	54
2E71M/2B	0,55	2790	1,27	1,88	0,82	75,8	77,0	76,0	5,0	2,8	2,9	0,00037	6,3	54
2E80M/2A	0,75	2850	1,67	2,51	0,83	78,0	79,0	77,5	5,7	2,5	3,0	0,00089	8,7	56
2E80M/2B	1,1	2850	2,36	3,69	0,84	80,1	81,3	80,7	5,8	2,7	3,1	0,00103	9,7	56
2E90S/2A	1,5	2880	3,17	4,98	0,83	82,5	82,6	82,0	6,0	2,6	3,3	0,00152	14,1	60
2E90L/2B	2,2	2860	4,48	7,35	0,85	83,2	85,0	85,0	6,0	2,6	3,1	0,00178	15,5	60
2E100L/2B	3	2890	5,8	9,91	0,88	84,8	85,2	84,7	7,0	2,6	3,4	0,00380	20,8	63
2E112M/2A	4	2910	7,6	13,13	0,88	86,5	87,1	86,8	7,0	2,4	3,6	0,00530	25,7	66
2E132S/2A	5,5	2935	10,2	17,9	0,88	88,2	88,4	87,6	7,9	2,8	3,9	0,01550	41	68
2E132S/2B	7,5	2925	13,6	24,5	0,90	88,5	88,8	88,6	7,6	2,6	3,9	0,01730	45,2	68
2E160M/2A	11	2940	19,6	35,73	0,90	89,8	90,0	89,0	7,4	2,7	3,6	0,02920	71,4	70
2E160M/2B	15	2935	26,9	48,8	0,89	90,3	91,0	90,7	7,0	2,6	3,5	0,03320	77,0	70
2E160L/2C	18,5	2935	32,2	60,19	0,91	91,1	91,5	91,0	8,2	2,9	3,8	0,03910	89,0	70
2E180M/2A	22	2955	39,0	71,1	0,89	91,4	91,6	90,6	7,9	2,6	3,6	0,06300	163	71
2E200L/2A	30	2965	52	96,63	0,90	92,4	92,7	92,2	8,0	2,9	3,1	0,14600	230	74
2E200L/2B	37	2965	64	119,2	0,90	92,7	93,2	93,0	8,4	3,1	3,3	0,16200	240	75
2E225M/2B	45	2970	77,4	144,7	0,90	93,2	93,5	93,0	8,6	2,7	3,7	0,22000	310	75
2E250M/2B	55	2970	94,5	176,8	0,90	93,3	93,6	93,1	7,9	2,7	3,6	0,32800	388	77
2E280S/2A	75	2978	128	240,5	0,90	93,8	94,0	93,0	7,9	2,7	3,0	0,70000	510	77
2E280M/2B	90	2980	153	288,4	0,90	94,1	94,2	93,1	7,5	2,8	3,2	0,79000	570	77
2G315S/2	110	2980	192	352	0,88	94,3	94,3	92,8	7,0	2,5	3,0	1,00000	742	79
2G315M/2a	132	2980	224	423	0,90	94,6	94,5	93,3	8,0	2,5	3,0	1,20000	812	79
2G315M/2b	160	2980	266	513	0,92	94,8	94,8	93,4	7,8	2,5	3,2	1,40000	912	79

* : IE1 Verisi / IE1 Data / IE1 Daten



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten

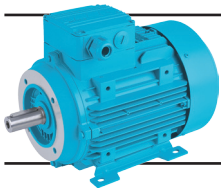


400V 50Hz 1500 d/d / 400V 50Hz 1500 rpm / 400V 50Hz 1500 UpM

IE2

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)
G63/4a*	0,12	1365	0,41	0,84	0,74	57,1	57,1	53,3	3,1	2,0	2,2	0,00017	3,4	43
G63/4b*	0,18	1340	0,6	1,28	0,73	59,7	59,7	55,8	2,9	2,0	2,0	0,00021	3,9	43
2E71M/4B	0,25	1425	0,71	1,68	0,69	74,0	73,5	70,5	4,4	2,0	3,0	0,00067	5,9	46
2E71M/4C	0,37	1425	1,0	2,47	0,70	76,1	75,5	71,5	4,6	2,0	3,0	0,00082	6,7	46
2E80M/4B	0,55	1440	1,45	3,65	0,71	77,1	76,7	75,0	5,2	2,0	3,0	0,00175	9,7	50
2E80M/4C	0,75	1440	1,95	4,97	0,70	79,6	79,2	77,0	5,2	2,0	3,0	0,00200	10,5	50
2E90S/4B	1,1	1440	2,6	7,3	0,75	81,4	81,4	80,5	5,6	2,2	3,1	0,00281	14,4	52
2E90L/4C	1,5	1440	3,4	9,95	0,77	82,8	83,0	82,0	6,0	2,3	3,2	0,00356	17,2	52
2E100L/4B	2,2	1445	4,85	14,6	0,78	84,3	85,3	84,2	6,0	2,4	3,2	0,00634	22,7	54
2E100L/4C	3	1440	6,42	19,89	0,79	85,5	85,7	84,6	6,3	2,4	3,3	0,00775	24,2	54
2E112M/4C	4	1450	8,2	26,35	0,81	86,8	87,4	86,5	6,6	2,5	3,4	0,01220	32	58
2E132S/4B	5,5	1455	11,2	36,1	0,81	87,7	88,6	88,0	6,7	2,6	3,2	0,02520	47,8	62
2E132M/4C	7,5	1460	15,1	49	0,81	88,7	89,0	89,0	7,0	2,7	3,3	0,03060	54,8	62
2E160M/4B	11	1465	21,3	71,7	0,83	89,8	90,3	89,5	6,9	2,4	3,0	0,05800	76,8	65
2E160L/4C	15	1460	28,8	98,12	0,83	90,6	91,3	90,9	6,9	2,6	3,0	0,07000	88,6	65
2E180M/4B	18,5	1465	34,9	120,6	0,84	91,2	91,4	91,4	6,9	2,5	3,0	0,11100	158	65
2E180L/4C	22	1465	41,4	143,40	0,84	91,6	91,7	91,5	7,1	2,6	3,2	0,12900	174	65
2E200L/4C	30	1475	55,5	194,24	0,85	92,3	93,0	93,2	7,6	3,0	3,1	0,23300	241	65
2E225S/4B	37	1475	66	239,5	0,87	93,0	93,8	93,8	7,8	3,0	3,1	0,33900	297	66
2E225M/4C	45	1475	80	291,4	0,87	93,1	94,0	94,3	7,8	3,0	3,0	0,38200	333	66
2E250M/4C	55	1478	95,5	355,4	0,89	93,5	94,3	94,4	7,9	3,2	3,0	0,62400	430	68
2E280S/4B	75	1483	130,8	482,97	0,88	94,0	94,5	94,4	7,9	3,0	3,0	1,25000	618	69
2E280M/4C	90	1484	156	579,2	0,88	94,2	94,6	94,5	7,9	3,2	3,1	1,40000	648	70
2G315S/4	110	1485	195	707	0,86	94,5	94,5	93,8	7,4	2,0	3,0	2,10000	784	74
2G315M/4a	132	1485	230	849	0,87	94,7	94,5	93,8	7,4	2,1	3,0	2,50000	861	74
2G315M/4b	160	1485	280	1029	0,87	94,9	94,9	94,0	7,0	2,0	2,9	2,80000	882	74

* : IE1 Verisi / IE1 Data / IE1 Daten



Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten



400V 50Hz 1000 d/d / 400V 50Hz 1000 rpm / 400V 50Hz 1000 UpM

IE2

Tip Type Typ	Tam Yük Değerleri Full-load Data Volllastdaten							Kalkış Değerleri Starting Data Startdaten			Devrilme Momenti Breakdown Torque Kippmo- ment M_K/M_N	Atalet Momenti Moment of Inertia Trägheits- moment kgm^2	B3 Motor Ağırlığı B3 Motor Gewicht kg	Ses Seviyesi Noise Level Geräusch- pegel dB(A)
	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				
2E71M/6B	0,18	920	0,6	1,87	0,67	64,5	63,0	57,0	3,2	1,9	2,3	0,00076	5,9	42
2E71M/6C	0,25	920	0,78	2,59	0,69	66,5	66,0	61,0	3,3	1,9	2,3	0,00096	6,6	42
2E80M/6A	0,37	925	1,08	3,82	0,69	71,4	71,5	70,0	4,0	2,0	2,6	0,00176	9,1	45
2E80M/6B	0,55	932	1,5	5,64	0,72	73,5	74,0	71,0	4,2	2,1	2,6	0,00202	9,9	45
2E90S/6A	0,75	940	2,0	7,62	0,71	75,9	76,1	73,1	4,1	2,0	2,6	0,00229	13,3	48
2E90L/6B	1,1	940	2,9	11,18	0,70	78,1	78,3	75,0	4,3	2,1	2,6	0,00354	14,8	48
2E100L/6A	1,5	950	3,72	15	0,73	79,8	80,2	79,5	4,5	2,1	2,6	0,00680	20,2	52
2E112M/6A	2,2	960	5,32	21,9	0,73	81,8	82,0	81,5	5,3	2,1	2,7	0,01170	25	56
2E132S/6A	3	970	6,85	29,6	0,76	83,3	84,0	83,0	5,6	2,0	2,8	0,02610	42	60
2E132M/6B	4	970	8,8	39,38	0,77	85,2	85,7	85,3	5,2	2,1	2,6	0,03050	46	60
2E132M/6C	5,5	965	12	54,4	0,77	86,0	87,2	87,0	5,7	2,1	2,7	0,03500	51	60
2E160M/6B	7,5	972	16,3	73,68	0,76	87,2	88,1	87,7	5,6	2,4	2,7	0,05700	77,8	63
2E160L/6D	11	970	22,95	108,3	0,78	88,7	90,0	89,9	6,0	2,5	2,9	0,07870	97,8	63
2E180L/6D	15	972	31	147,4	0,78	89,7	90,5	90,2	6,2	2,5	2,9	0,13500	175	64
2E200L/6B	18,5	977	36,5	180,8	0,81	90,4	90,5	90,7	6,3	2,5	2,6	0,30100	205	64
2E200L/6C	22	978	43	214,8	0,81	91,1	91,3	91,2	6,2	2,5	2,6	0,33400	215	64
2E225M/6B	30	980	57,6	292,2	0,82	91,7	91,8	90,8	6,6	2,6	2,7	0,52000	314	65
2E250M/6B	37	982	69,6	359,80	0,83	92,3	92,6	92,5	6,8	2,7	2,8	0,68000	395	66
2E280S/6A	45	985	84,5	436	0,83	92,7	93,1	92,2	6,8	2,8	2,8	1,15000	490	66
2E280M/6B	55	985	101,5	533,2	0,84	93,1	93,2	93,5	6,9	2,9	2,8	1,45000	545	66
2G315S/6	75	990	139	723	0,83	93,7	93,7	92,4	7,0	2,0	2,5	2,40000	727	72
2G315M/6a	90	990	166	868	0,83	94,0	94,0	92,6	7,0	2,0	2,5	2,90000	805	72
2G315M/6b	110	990	198	1061	0,85	94,3	94,3	92,7	7,0	2,0	2,6	3,50000	860	72
2G315L/6a	132	990	240	1273	0,84	94,6	94,6	93,0	7,0	2,3	3,0	3,60000	1020	72
2G315L/6b	160	990	290	1543	0,84	94,8	94,8	93,2	7,0	2,3	2,7	4,20000	1120	72

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Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: eko@nt-rt.ru || сайт: <https://elk-motor.nt-rt.ru/>