

Взрывозащищенные электродвигатели (IE2)

Технические характеристики

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2ZL063M2A

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **3.80 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL063M2B

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



Output Power

0.25 kW



Synchronous Speed

3000 rpm



Voltage

230/400 V (D/Y)



Frequency

50 Hz



Frame Material

Aluminum

Specifications

Product Categories : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **4.00 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL063M4B

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **4.00 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL063M4C

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **4.40 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL071M2A

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **54 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **5.70 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL071M2B

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

Sound Pressure Level : **54 dB(A)**

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **6.20 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL071M4B

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **6.30 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL071M4C

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **7.00 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL071M6B

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **6.10 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL071M6C

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **6.70 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL080M4B

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **9.70 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL080M6A

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **9.10 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

2ZL080M6B

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 : **Zone 2-22 (Increased Safety)**

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 : **-20°C +40°C**

Maximum Altitude : **1000 m**

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

Vibration Class : **A**

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

Service Factor : **1.00**

Direction of Rotation : **Clockwise**

Motor Weight : **9.80 kg**

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

ATEX Classification (Gas) : **II 3G Ex ec IIC T4 Gc**

ATEX Classification (Dust) : **II 3D Ex tc IIIC T140°C Dc**

ATEX Certification
Number : **IEP 23 ATEX 1306X**

PTC : **140°C**

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