DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

| must be eliminated. power supply, subject (1) Looking the motor from the shaft end. MG-1. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after MG-1. manufacturing process. Performed by Performed by Performed by | : 14284619 | | | |
|---|--|--|--|--|
| Insulation class : F Mounting Duty cycle : Cont.(S1) Rotation Ambient temperature : 20°C to +40°C Starting method Attitude : 1000 m.a.s.l. Protection degree : IP55 Design : B Moment of inertia (J) Poles 4 - Frequency [Hz] : 50 - Rated voltage [V] : 380 - Rated voltage [V] : 333 - Rated voltage [V] : 3.33 - Rated voltage [RPM] : 1450 - Incked rotor torque [%] : 220 - Service factor : 1.00 - Reaktoror time : 366 cold) 20s (hot) - Noise level? : 560 : 0002 - Frequency (%) : 25% : 0.00 - Power Factor : 50% : 000 <td< td=""><td>01018XT3E215TC</td></td<> | 01018XT3E215TC | | | |
| Poles 4 Frequency [Hz] 50 Rated voltage [V] 380 Rated voltage [V] 380 Rated voltage [V] 380 Rated voltage [V] 67.2 I. R. Amperes [A] 67.2 I. R. Amperes [A] 5.30 Rated speed [RPM] 1450 Silp [%] 3.33 Rated torque [%] 220 Service factor 1.00 Temperature rise 80 K Locked rotor time 365 (cold) 205 (hot) Noise level? 56% 0.000 25% 0.000 50% Power Factor 50% 0.70 75% 0.80 100% Bearing type : 6308 2RS 6207 2RS Sealing : 0'ii Seal Efficiency (%) Trice end Non drive end Bearing type : 6308 2RS 6207 2RS Max. traction Sealing : 0'ii Seal Lip Seal Max. compression Lubrication interval | od : IC411 - TEFC : F-1 : Both (CW and CCW) od : Direct On Line ht ³ : 229 lb | | | |
| Frequency [Hz] 50 Rated voltage [V] 380 Rated voltage [V] 380 Rated voltage [V] 380 Rated current [A] 15.3 R. Amperes [A] 87.2 R. Amperes [A] 5.7x(Code G) No load current [A] 5.30 Rated speed [RPM] 1450 Slip [V6] 3.33 Rated speed [RPM] 165 Stated speed [RPM] 165 Stated speed [RPM] 165 Stated speed [RPM] 165 State speed [RPM] 165 State speed [RPM] 165 Breakdown torque [%] 220 Service factor 1.00 Emperature rise 80 K Locked rotor time 36s (cold) 20s (hot) Noise level ² 56.0 dB(A) Power Factor 25% 0.000 50% 0.70 75% Sealing Oil Seal Lip Seal Lubrication interval 0 h 0 h Lubrication titerval 0 h | 10 | | | |
| Rated voltage [V] 380 Rated current [A] 15.3 R. Amperes [A] 5.7x(Code G) R. Amperes [A] 5.7x(Code G) R. Amperes [A] 5.7x(Code G) R. Amperes [A] 5.30 | 4 | | | |
| Rated current [A] 15.3 R. Amperes [A] 87.2 R. Ca [A] 5.7x(Code G) No load current [A] 5.30 Stated speed [RPM] 1450 Silp [%] 3.33 Rated torque [ft.lb] 36.2 Service factor 100 Emperature rise 80 K .ocked rotor torque [%] 220 Service factor 100 Emperature rise 80 K .ocked rotor time 36s (cold) 20s (hot) Idemetry 56.0 dB(A) Efficiency (%) 50% 90.2 75% 89.5 100% 88.5 25% 0.000 50% 0.70 75% 0.80 100% 0.84 Lubrication interval 0 h 0 h Lubrication interval 0 h 0 h Lubrication treplaces and cancel the previous one, which must be eliminated. Max. compression (1) Looking the motor from the shaft end. Mobil Polyrex EM Notes Thes | 60 | | | |
| R. Amperes [A] 87.2 RC [A] 5.7x(Code G) RC [A] 5.30 Stated speed [RPM] 1450 Stated speed [RPM] 1450 Stated speed [RPM] 3.33 Rated torque [ft.lb] 3.62 Ocked rotor torque [%] 220 Service factor 1.00 Emperature rise 80 K Ocked rotor time 363 (cold) 20s (hot) Noise level ² 56.0 dB(A) Ocked rotor time 368 (cold) 20s (hot) Noise level ² 56.0 dB(A) 25% 0.000 50% 90.2 75% 89.5 100% 88.5 100% 0.84 Power Factor 50% 0.70 75% 0.80 0.84 Lubrication interval 0 h 0 h Lubrication interval 0 h 0 h Lubricat amount 0 g 0 g Lubricating type Mobil Polyrex EM Max. compression Motes Mobil Polyrex EM MG-1. Yower supply, subject <t< td=""><td>208-230/460</td></t<> | 208-230/460 | | | |
| RC [A] 5.7x(Code G) No load current [A] 5.30 Rated speed [RPM] 1450 Stated speed [RPM] 1450 Stated speed [RPM] 36.2 cocked rotor torque [%] 36.2 sreakdown torque [%] 220 Service factor 1.00 Femperature rise 80 K cocked rotor time 36s (cold) 20s (hot) Noise level ² 56.0 dB(A) Cocked rotor time 36s (cold) 20s (hot) Noise level ² 56.0 dB(A) Efficiency (%) 50% 90.2 75% 89.5 100% 100% 88.5 100% Power Factor 75% 0.80 100% 0.84 Foundation loads Bearing type 6308 2RS 6207 2RS Sealing Oil Seal Ip Seal Lubrication interval 0 h 0 h Lubrication interval 0 g 0 g Lubrication interval 0 g 0 g (1) Looking the motor from the shaft end. | 28.1-25.4/12.7 183-165/82.5 | | | |
| to load current [A] 5.30 Rated speed [RPM] 1450 Stip [%] 3.33 Rated torque [ft.lb] 36.2 ocked rotor torque [%] 220 Service factor 1.00 emperature rise 80 K ocked rotor time 36s (cold) 20s (hot) loise level? 56.0 dB(A) Cocked rotor time 36s (cold) 20s (hot) loise level? 50% 90.2 Efficiency (%) 50% 90.2 75% 89.5 100% 100% 88.5 25% 0.00 50% 0.70 75% 0.80 100% 100% 0.84 100% Bearing type 6308 2RS 6207 2RS Max. traction Sealing 0 h 0 h Lubricant amount 0 g 0 g Lubricant type Mobil Polyrex EM Max. compression Notes Mobil Polyrex EM MG-1. This revision replaces and cancel the previous one, which must be eliminated. MG-1. | | | | |
| Rated speed [RPM] 1450 Stated torque [ft.lb] 36.2 cocked rotor torque [%] 165 Brexice factor 1.00 emperature rise 80 K cocked rotor time 365 (cold) 205 (hot) Noise level? 56.0 dB(A) Efficiency (%) 25% 0.000 75% 89.5 100% Power Factor 50% 0.70 75% 0.80 100% Power Factor 6308 2RS 6207 2RS Sealing 01 Seal Lip Seal Lubrication interval 0 h 0 h Lubricant amount 0 g 0 g Lubricant type Mobil Polyrex EM Max. compression Notes 400 of full load. Fase are average variant weight subject to changes after manufacturing process. Gase 1. (4) At 100% of full load. Changes Summary Performed by | 6.5x(Code H) 9.48-11.0/5.50 | | | |
| Slip [%] 3.33 ated torque [ft.lb] 36.2 | 1765 | | | |
| Rated torque [ft.lb] 36.2 | 1.94 | | | |
| Locked rotor torque [%] 165 Image: constraint of the shaft end. 100 Image: constraint of the shaft end. Image: constraint of the shaft end. 1.00 Image: constraint of the shaft end. Image: con | 29.8 | | | |
| Breakdown torque [%] 220 Bervice factor 1.00 Femperature rise 80 K Jocked rotor time 36s (cold) 20s (hot) Joise level ² 56.0 dB(A) Efficiency (%) 50% 90.2 75% 89.5 100% 100% 88.5 25% 00% 0.70 75% 75% 0.00 88.5 100% 0.84 100% Power Factor 50% 0.70 75% 0.80 100% 100% 0.84 100% Bearing type : 6308 2RS 6207 2RS Sealing : Oil Seal Lip Seal Lubrication interval 0 h 0 h Lubricant amount 0 g 0 g Lubricant type Mobil Polyrex EM Max. compression Notes Mobil Polyrex EM MG-1. Notes (2) Measured at 1m and with tolerance of +3dB(A). G-1. (2) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Performed Performed by | 210 | | | |
| Temperature rise 80 K Image: Note of the state of th | 300 | | | |
| cocked rotor time 36s (cold) 20s (hot) Noise level ² 56.0 dB(A) Efficiency (%) 50% 90.2 75% 89.5 100% 100% 88.5 100% Power Factor 50% 0.00 75% 0.80 100% 100% 88.5 100% 25% 0.00 100% Power Factor 50% 0.70 75% 0.80 100% 100% 0.84 100% Bearing type : 6308 2RS 6207 2RS Sealing : 0 h 0 h Lubrication interval : 0 g 0 g Lubricant amount : 0 g 0 g Lubricant type : Mobil Polyrex EM Max. compression Notes Intervision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Performed Performed by | 1.15 | | | |
| Noise level ² 56.0 dB(A) Efficiency (%) 25% 0.000 50% 90.2 100% 75% 89.5 100% 100% 88.5 100% Power Factor 50% 0.00 50% 0.00 50% Power Factor 50% 0.70 75% 0.80 100% Bearing type : 6308 2RS 6207 2RS Sealing : 0 h 0 h Lubrication interval : 0 h 0 h Lubricatin amount : 0 g 0 g Lubricant amount : 0 g 0 g Lubricant type : Mobil Polyrex EM Max. compression Notes | 80 K | | | |
| Efficiency (%) 25% 0.000 50% 90.2 75% 89.5 100% 88.5 100% 88.5 Power Factor 50% 0.70 75% 50% 0.70 75% 0.80 100% 0.84 100% 0.84 Bearing type : 6308 2RS 6207 2RS Max. traction Sealing : 0 h 0 h Nat. traction Lubrication interval : 0 g 0 g Max. compression Lubricant amount : 0 g 0 g Uppose Mobil Polyrex EM Notes Mobil Polyrex EM Mobil Polyrex EM Max. compression Max. traction Notes : Mobil Polyrex EM Max. traction Max. traction Max. traction : : 0 g 0 g . Notes : : : : : : '1) Looking the motor from the shaft end. : : : : | 27s (cold) 15s (hot) | | | |
| Efficiency (%) 50% 90.2 Image: constraint of the state of the | 58.0 dB(A) | | | |
| Efficiency (%) 75% 89.5 100% 88.5 100% 88.5 Power Factor 25% 0.00 75% 0.80 75% 00% 0.84 75% Bearing type 6308 2RS 6207 2RS Sealing 0 h 0 h Lubrication interval 0 h 0 h Lubricant amount 0 g 0 g Lubricant type Mobil Polyrex EM Max. compression Notes Mobil Polyrex EM MG-1. This revision replaces and cancel the previous one, which must be eliminated. These are average variable power supply, subject MG-1. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. MG-1. (4) At 100% of full load. Exerct Changes Summary Performed Performed by Image: summary for the s | 0.000 90.2 | | | |
| 100% 88.5 100% Power Factor 25% 0.00 50% 0.70 100% 75% 0.80 100% Bearing type : 6308 2RS 6207 2RS Sealing : 0 ll Seal Lip Seal Lubrication interval : 0 h 0 h Lubricant amount : 0 g 0 g Lubricant amount : 0 g 0 g Lubricant type : Mobil Polyrex EM Max. compression Notes Mobil Polyrex EM MG-1. MG-1. Weasured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Changes Summary Performed Performed by | 91.0 | | | |
| Power Factor 25% 0.00 Image: state sta | 91.7 | | | |
| Power Factor 50% 0.70 | 0.00 | | | |
| Power Factor 75% 0.80 100% 0.84 Foundation loads Bearing type : 6308 2RS 6207 2RS Sealing : 0 il Seal Lip Seal Lubrication interval : 0 h 0 h Lubricant amount : 0 g 0 g Lubricant type : Mobil Polyrex EM Max. compression Notes Mobil Polyrex EM Most seare average varage var | 0.62 | | | |
| Image: 100% 0.84 Bearing type : 6308 2RS 6207 2RS Max. traction Sealing : 0 il Seal Lip Seal Max. compression Lubrication interval : 0 h 0 h Max. compression Lubricant amount : 0 g 0 g Max. compression Lubricant amount : 0 g 0 g Max. compression Notes : Mobil Polyrex EM Max. traction Notes : : Mobil Polyrex EM Notes : : : : This revision replaces and cancel the previous one, which must be eliminated. : : : (1) Looking the motor from the shaft end. : : : : (2) Measured at 1m and with tolerance of +3dB(A). : : : : (3) Approximate weight subject to changes after manufacturing process. : : : : (4) At 100% of full load. : : : : : : Performed by : : : : : : | 0.75 | | | |
| Bearing type : 6308 2RS 6207 2RS Max. traction Sealing : Oil Seal Lip Seal Max. compression Lubrication interval : 0 h 0 h Max. compression Lubricant amount : 0 g 0 g Max. traction Notes : Mobil Polyrex EM Max. traction Notes : Mobil Polyrex EM Max. traction This revision replaces and cancel the previous one, which must be eliminated. These are average variable power supply, subject (1) Looking the motor from the shaft end. : MG-1. (2) Measured at 1m and with tolerance of +3dB(A). : MG-1. (3) Approximate weight subject to changes after manufacturing process. . . (4) At 100% of full load. : . . Performed by : . . | 0.81 | | | |
| Sealing : Oil Seal Lip Seal Max. compression Lubrication interval : 0 h 0 h 0 h Lubricant amount : 0 g 0 g 0 g Lubricant type : Mobil Polyrex EM Max. compression Notes This revision replaces and cancel the previous one, which must be eliminated. These are average varpower supply, subject (1) Looking the motor from the shaft end. . . . (2) Measured at 1m and with tolerance of +3dB(A). . . . (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Performed by | | | | |
| Lubrication interval : 0 h 0 h Lubricant amount : 0 g 0 g Lubricant type : Mobil Polyrex EM Notes This revision replaces and cancel the previous one, which must be eliminated. These are average vare power supply, subject (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Performed Performed by Performed | : 618 lb | | | |
| Lubricant type : Mobil Polyrex EM Notes Notes This revision replaces and cancel the previous one, which must be eliminated. These are average varage va | | | | |
| Notes This revision replaces and cancel the previous one, which must be eliminated. These are average varage va | | | | |
| This revision replaces and cancel the previous one, which must be eliminated. These are average varage | | | | |
| must be eliminated. power supply, subject (1) Looking the motor from the shaft end. MG-1. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Performed Performed by Performed | lues based on tests with sinusoidal | | | |
| Performed by | to the tolerances stipulated in NEMA | | | |
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DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

| ID | Application | Туре | Quantity | Sensing | Femperature |
|-------------|-------------|----------------------|------------|---------|--------------------|
| 1 | Winding | Thermostat - 2 wires | 1 x Phase | | 55 °C |
| 1 | winding | Thermostat - 2 wires | I X Flidse | R | 55 C |
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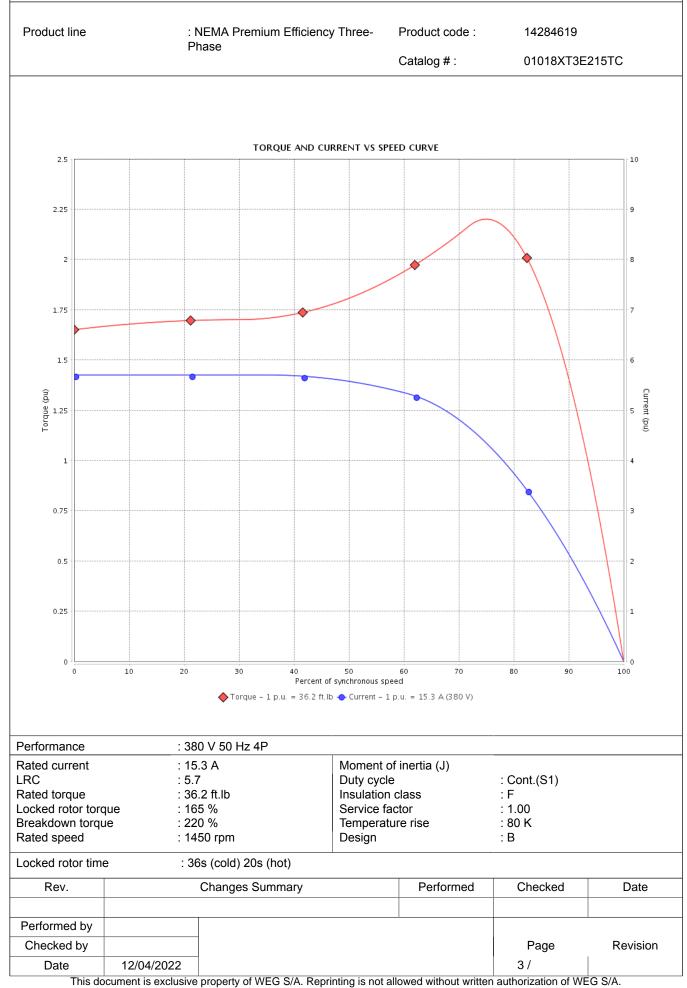
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Three Phase Induction Motor - Squirrel Cage

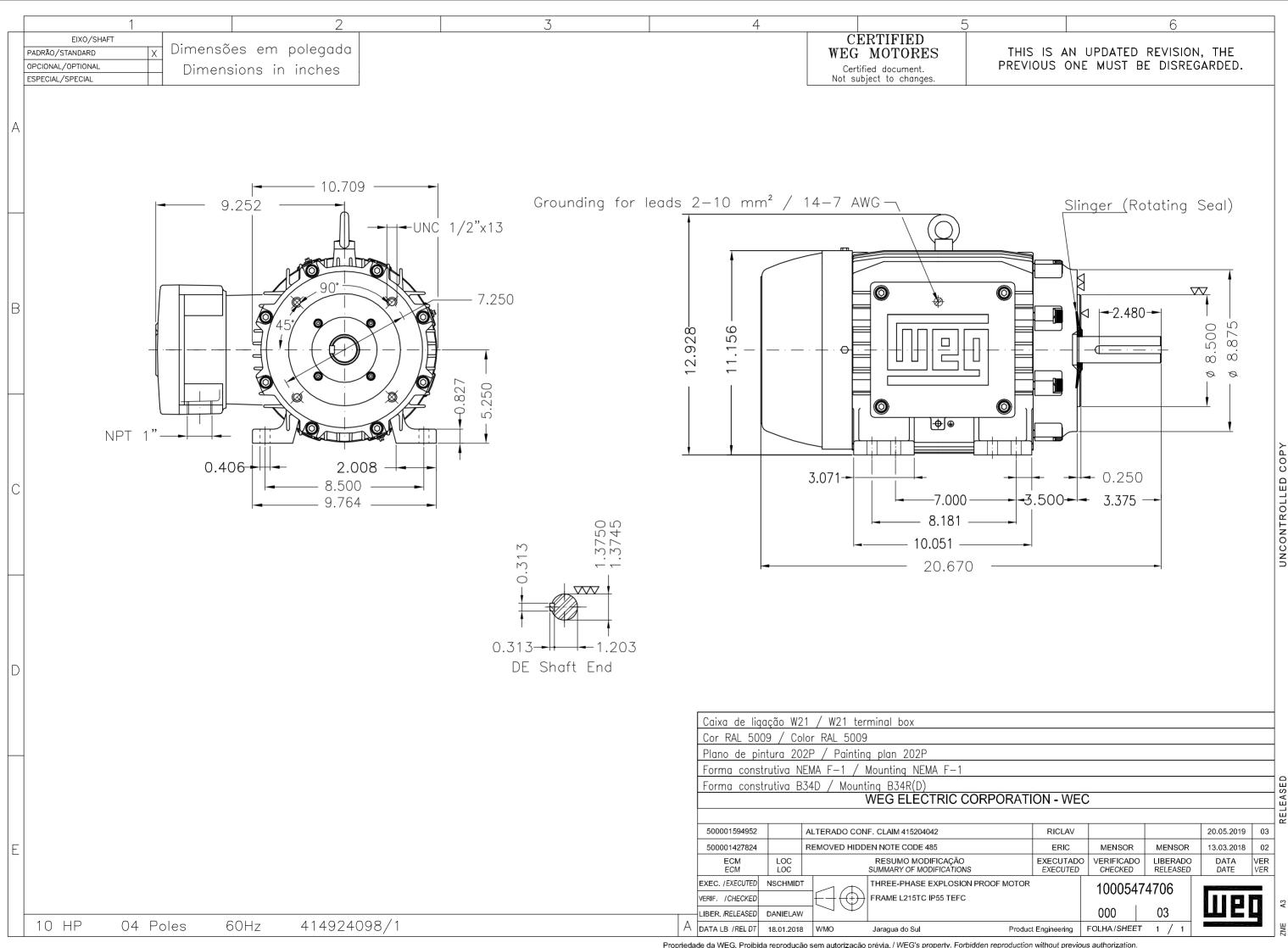
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