DATA SHEET

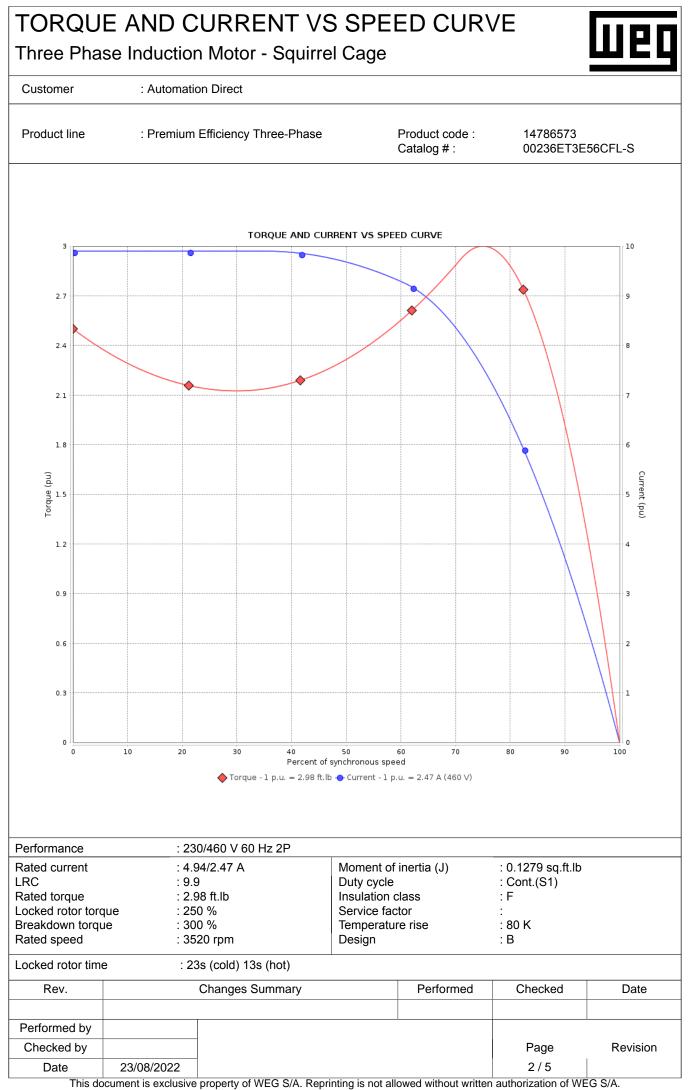
Three Phase Induction Motor - Squirrel Cage



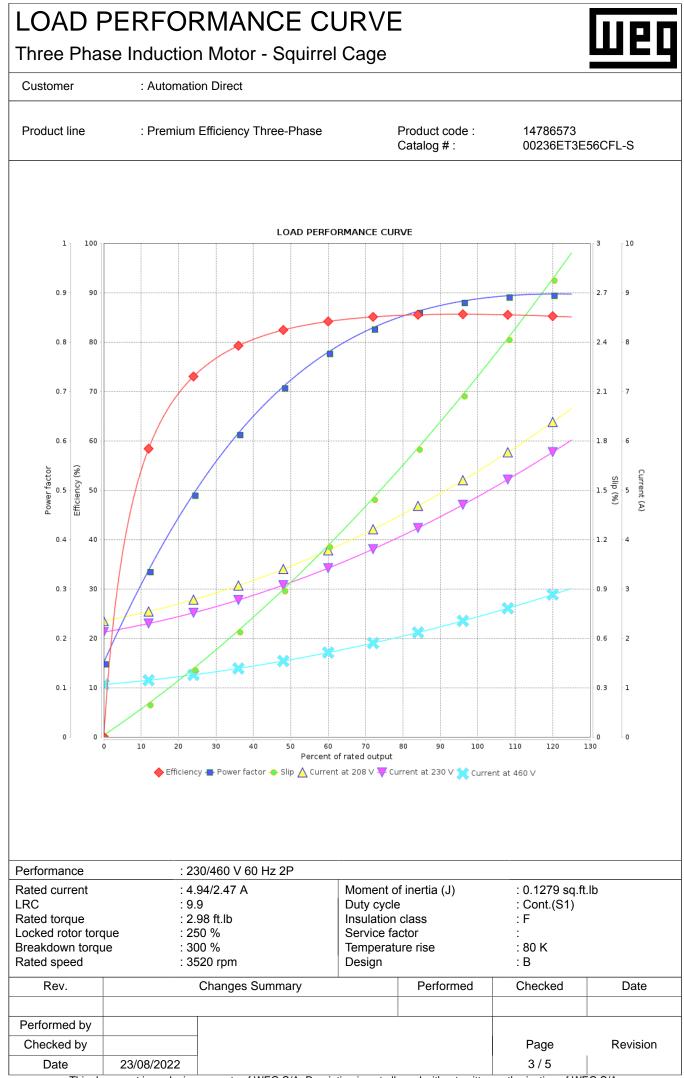
Customer : Automation Direct

| Product line | : Pi | remium Effi | ciency Three-Phase | Product code : Catalog # : | 14786573 00236ET3E56CFL-S | |
|---|--|---|---|--|---|--|
| Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti Design | ue | : 2 : 60 F : 2300 : 4.94 : 48.9 : 9.9x : 2.13 : 352 : 2.98 : 250 : 300 : F : 1.15 | P (1.5 kW) Hz /460 V k/2.47 A 0/24.5 A k(Code L) 8/1.06 A 0 rpm 2 % 3 ft.lb % | Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³ | : 23s (cold) 13s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 68.0 dB(A) : Direct On Line : 38.8 lb | |
| 0 | 25% | 50% | 75% 100% | Foundation loads | | |
| Output Efficiency (%) | 25% 82.1 | <u> </u> | 85.5 85.5 | Max. traction | : 101 lb | |
| Power Factor | 0.45 | 0.73 | 0.83 0.89 | Max. compression | : 140 lb | |
| Bearing type : Sealing : Lubrication interval : | | | <u>Drive end</u> 6204 ZZ | <u>Non drive end</u> 6202 ZZ Without Bearing Seal | | |
| Sealing Lubrication inter | | : | V'Ring - | Without Bearing | g Seal | |
| Sealing Lubrication inter Lubricant amoun Lubricant type Notes | nt | 1.00 SFA | - - N | Without Bearing - - lobil Polyrex EM | 3 Seal | |
| Sealing Lubrication inter Lubricant amoun Lubricant type Notes USABLE @208V This revision rep must be eliminate (1) Looking the n (2) Measured at | 7 5.46A SF | cancel the the shaft e th tolerance | 5.46A 5.46A previous one, which end. e of +3dB(A). | Iobil Polyrex EM | s based on tests with sinusoidal he tolerances stipulated in NEM | |
| Sealing Lubrication inter Lubricant amoun Lubricant type Notes USABLE @208V This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr | v 5.46A SF v 5.46A SF | cancel the the shaft e th toleranc oject to cha | 5.46A 5.46A previous one, which end. e of +3dB(A). | Iobil Polyrex EM | s based on tests with sinusoidal | |
| Sealing Lubrication inter Lubricant amoun Lubricant type Notes USABLE @208V This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu | v 5.46A SF v 5.46A SF | cancel the the shaft e th toleranc oject to cha | 5.46A 5.46A previous one, which end. e of +3dB(A). inges after | These are average values power supply, subject to t MG-1. | s based on tests with sinusoidal he tolerances stipulated in NEM | |
| Sealing Lubrication inter Lubricant amoun Lubricant type Notes USABLE @208V This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu | v 5.46A SF v 5.46A SF | cancel the the shaft e th toleranc oject to cha | 5.46A 5.46A previous one, which end. e of +3dB(A). inges after | These are average values power supply, subject to t MG-1. | s based on tests with sinusoidal he tolerances stipulated in NEM | |

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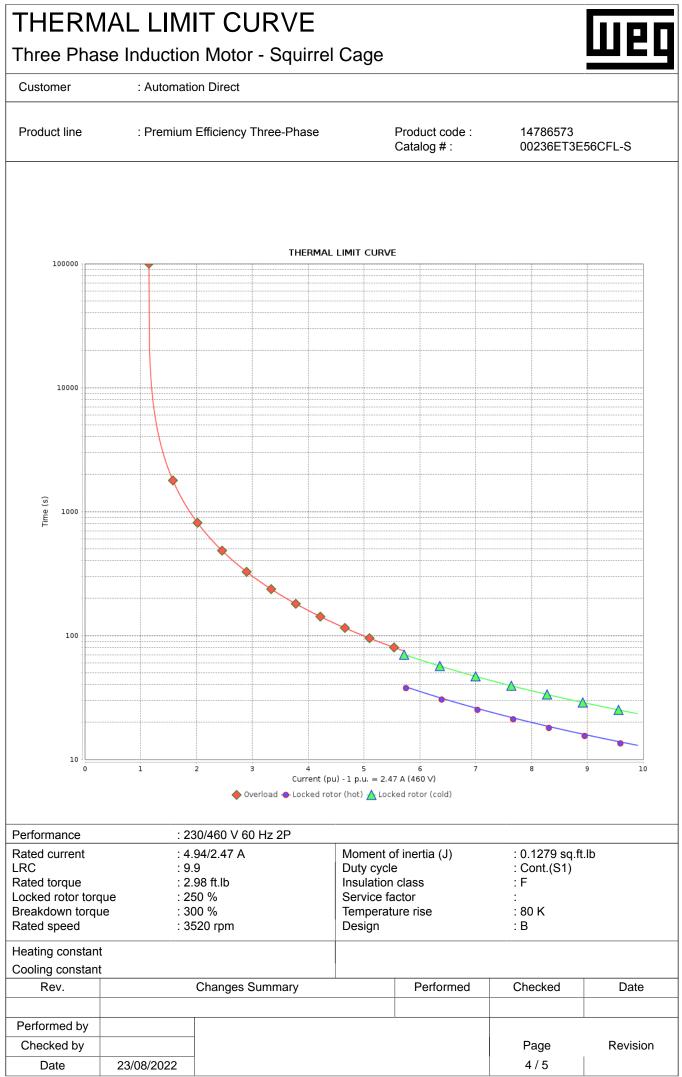


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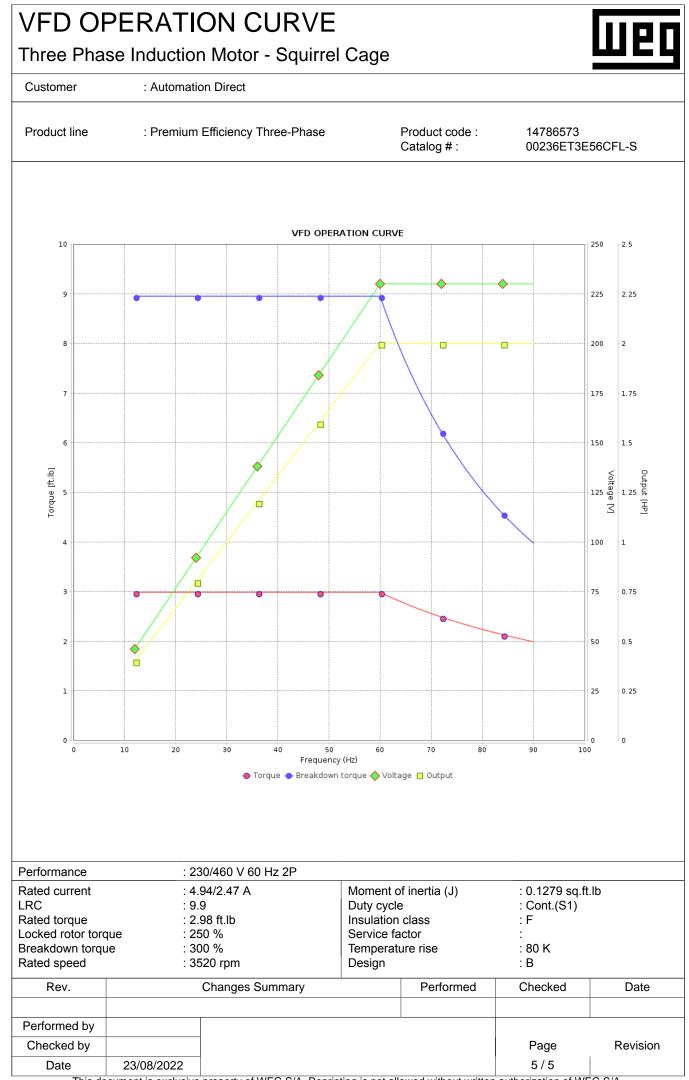


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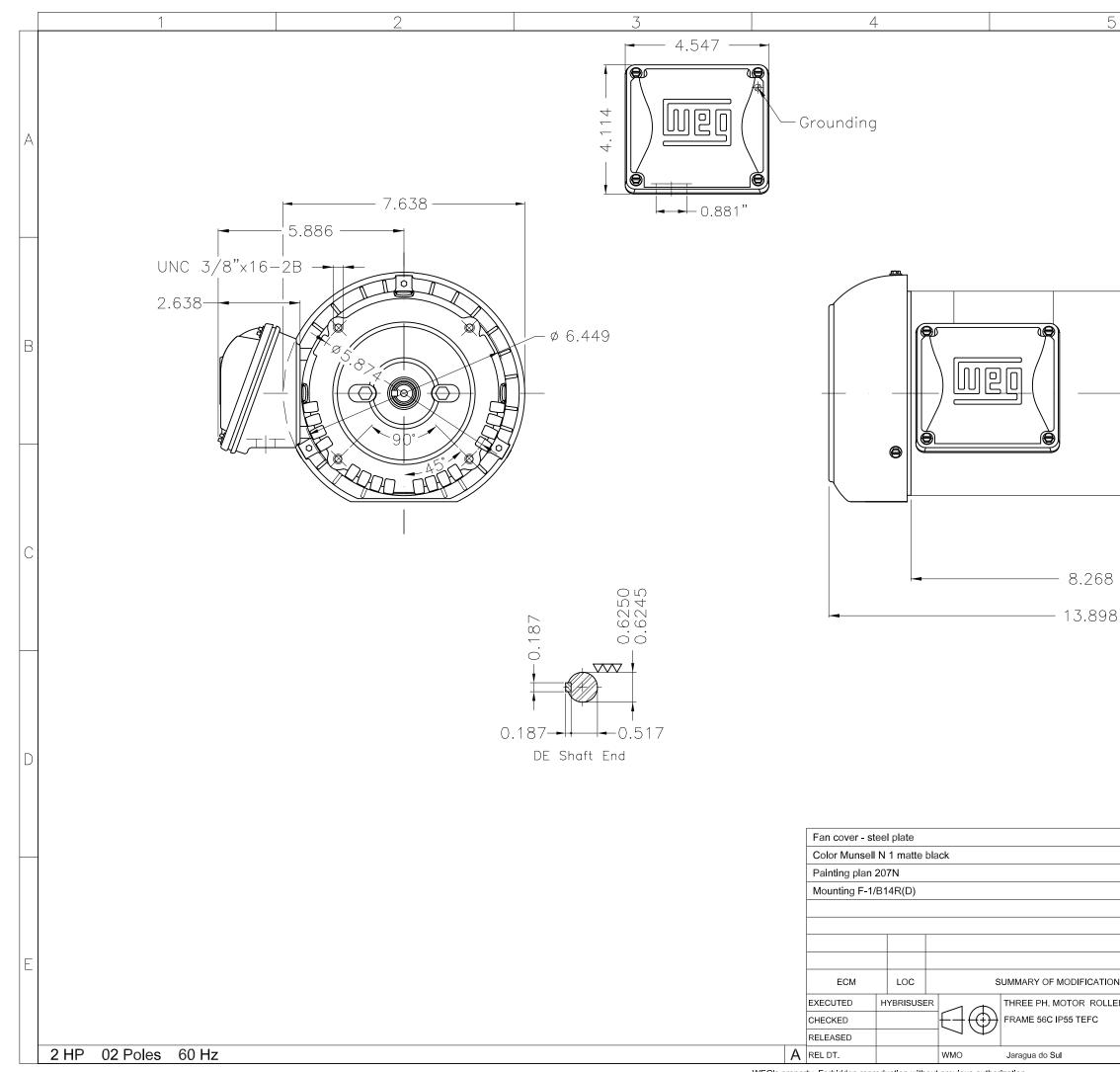


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| Produc | t Engineering | SHEET | 1 / 1 | | XME |

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