# DATA SHEET

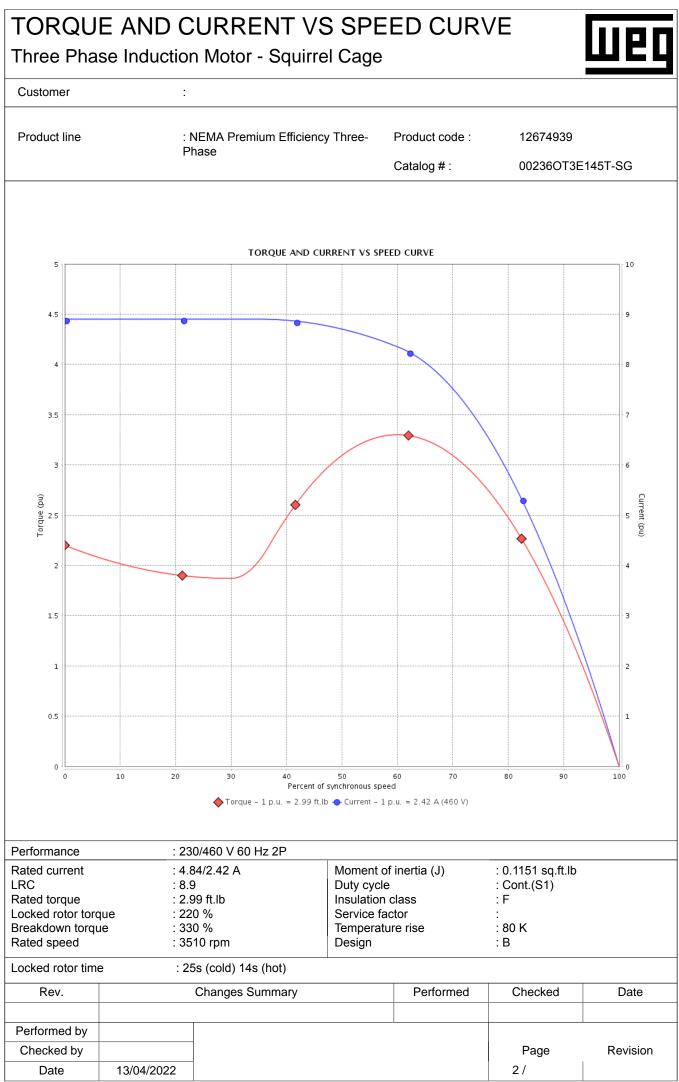
Three Phase Induction Motor - Squirrel Cage

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#### Customer

Frame      : 143/BT      Cooling method      : (C01 - ODP        Insulation class      : F      Mounting      : E-1        Antisent temperature      : 200'C to +40°C      Starting method      : Direct On Line        Attitude      : 1000 m.s.al.      Approx. weight?      : 37.4 b        Duty type      2 <th colspan="2">Product line</th> <th>: NEMA Premium Efficiency <sup>-</sup> Phase</th> <th>Three- Product</th> <th>code :</th> <th>12674939</th> <th></th>	Product line		: NEMA Premium Efficiency <sup>-</sup> Phase	Three- Product	code :	12674939			
Insulation class      : F      Mounting      : F-1        Duby cycle      : Cont. (S1)      Rotation      : Both (CW and CCW)        Ambient temperature      : 20°C to +40°C      Starting method      : Direct On Line        Attitude      : 1000 m. s.t.      Approx.weight <sup>12</sup> : 37.4 lb        Design      : B      Moment of inertia (J)      : 0.1151 sq.ft.lb        Dutp t( HP]      : 2      : 2      2        Crequency (Hz)      : 60      : 50.01      : 50.01        Redet voltage (M)      : 230/460      : 90/380      : 220/21.1        Redet voltage (M)      : 48.472.42      : 5.82/2.91      : 5.82/26/73        R. Amperes (A)      : 4.8.472.42      : 5.82/2.01      : 4.00/21.2        Red voltage (R)      : 5.82/2.01      : 5.82/2.01      : 5.82/2.01        No load current (A)      : 1.83/0.00      : 5.00      : 5.00      : 5.00      : 5.00      : 5.00      : 5.00      : 5.00      : 5.00      : 5.00			Thase	Catalog	#:	00236OT3E145T-SG			
Altitude      : 1000 m.a.s.l.      Approx.weight <sup>A</sup> : 37.4 b        Design      : B      Moment of inertia (J)      : 0.1151 sq.ft.lb        Dotes      2      2      2        Poles      2      2      2      2        Poles      2      2      2      2        Poles      2      2      2      2        Stated oursent [A]      4.84/2.42      5.82/2.91      5.26/2.79        L.R. Amperes [A]      6.8 x/Code (N)      6.9 x/Code (H)      7.6 x/Code J)        Volead current [A]      1.830.917      1.810.906      1.84/0.978        Rated toruge [ft.lb]      2.50      3.67      3.33        Rated rouge [ft.lb]      2.50      3.67      3.33        Rated rouge [ft.lb]      2.50      3.67      3.33        Service fractor      1.15      1.15      1.15        Cocked rotor thrue [%]      330      2560      2.80        Service fractor      1.15      1.15      1.15        Termerature rise      80 K      80 K      80 K        Cocked rotor time	Insulation class Duty cycle	ature	: F : Cont.(S1)	Mounting Rotation <sup>1</sup>		: F-1 : Both (CW and CCW)			
Poles      2      2      2      2        Frequency [Hz]      60      50      50        Frequency [Hz]      60      50      50        Rated volage [V]      230/460      190/380      220/415        Rated volage [V]      4.84/2.42      5.82/2.91      5.26/2.79        L.R. Amperes [A]      4.81/2.42      5.82/2.91      5.26/2.79        L.R. Amperes [A]      4.83/2.01      40.02/2.1      40.02/2.1        No load current [A]      1.83/0.917      1.81/0.906      1.84/0.978        Rated broque [RM]      3510      2800      2900        Silp [%]      2.50      3.67      3.33        Rated torque [%]      2.20      180      200        Silp [%]      2.50      3.67      3.33        Sector fortor torque [%]      330      250      280        Service factor       1.15      1.15        Emperature rise      80 K      80 K      80 K        Locked rotor time      25%      62.0 4K      80 K        Service factor       62.0 45.0	Altitude		: 1000 m.a.s.l.	Approx. weight <sup>3</sup>		: 37.4 lb			
Frequency [Hz]      60      50      50        Rated voltage [V]      230/460      190/380      220/45        Rated current [A]      4.84/2.42      5.82/2.91      5.26/2.79        L. R. Amperes [A]      4.81/2.1.5      440.2/20.1      40.0/21.2        RC [A]      8.9x(Code K)      6.65x(Code H)      7.6x(Code J)        No load current [A]      1.83/0.917      1.81/0.906      1.84/0.978        Rated speed [RPM]      3510      2880      2900        Sile [%]      2.50      3.63      3.62        Sated torque [%]      2.20      180      2.00        Breakdown torque [%]      330      250      2.80        Service factor      1.15      1.15      1.15        Ierneprature rise      80 K      80 K      80 K        cocked robr torque [%]      250%      83.7      85.5      85.1        Efficiency (%)      50%      84.0      85.5      85.1      85.4        Efficiency (%)      50%      0.47      0.83      0.66      0.52        Power Factor      75%      0.86									
ale d voltage [V]      230/460      190/380      220/415        Rated current [A]      4.84/2.42      5.82/2.91      5.26/2.79        R. Amperes [A]      4.3.1/21.5      40.2/20.1      40.0/21.2        R. C [A]      8.9x(Code (K)      6.9x(Code (H)      7.6x(Code J)        No load current [A]      1.83/0.917      1.81/0.906      1.84/0.978        Stated Speed [RPM]      3510      2890      2900        Silp [%]      2.50      3.67      3.33        Stated forque [%]      220      180      200        Stated forque [%]      330      250      280        Stated forque [%]      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)        State forque [%]      330      255      84.1        State forque [%]      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)        State forque [%]      55      85.1      65.4        Efficiency (%)			_				_		
Saled current [A]      4.84/2.42      5.82/2.91      5.26/2.79        .R. Amperes [A]      43.1/21.5      40.0/20.1      40.0/21.2        .R. Call      1.83/0.917      1.81/0.906      1.84/0.978        Stated speed [RPM]      3510      22890      2900        Stated speed [RPM]      2.50      3.67      3.33        Stated torque [%]      2.50      3.67      3.33        Stated torque [%]      2.20      180      200        Stated torque [%]      3.30      2.550      2.86        Service factor      1.15      1.15      1.15        Emperature rise      80 K      80 K      80 K      80 K        Coked rotor torque [%]      50%      83.7      85.5      85.4        Efficiency (%)      50%      0.77      0.83      0.82        Power Factor      50%      0.77      0.83      0.82						0			
R. Amperes [A]      43.1/21.5      40.2/20.1      40.0/21.2       RC [A]      8.9x(Code K)      6.9x(Code H)      7.6x(Code J)        No load current [A]      1.830.917      1.810.906      1.840.978        Tated speed [RPM]      3510      2890      2900        Silp [%]      2.50      3.67      3.33        Sated forque [%]      2.20      180      200        Sreakdown torque [%]      330      250      280        Service factor      1.15      1.15      1.15        Emperature rise      80 K      80 K      080 K        Locked rolor time      255 (cold) 14s (hot)      0s (cold) 0s (hot)      0s (cold) 0s (hot)        Noise level*      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)        Voise level*      62.0 dB(A)      62.0 dB(A)									
IRC [A]      8 sy(Code K)      6 sx(Code H)      7 6x(Code J)        No load current [A]      1.83/0.917      1.81/0.906      1.84/0.978        Rated speed [RPM]      3510      22890      2900        Silp [%]      2.50      3.67      3.33        Rated torque [%]      2.99      3.63      3.62        cocked rotor torque [%]      230      250      280        Service factor      1.15      1.15      1.15        Fremkorm torque [%]      330      255      280        Service factor      62.0 d8(A)      60.0 d8(A)      60.0 K        cocked rotor torque [%]      255      65.5      65.4        Efficiency (%)      25%      63.7      65.5      65.4        75%      85.5      85.1      85.4      60.4        100%      85.5      85.1      85.4      60.62        75%      0.48      0.66      0.52      62.0        9 ower Factor      50%      0.77      0.83      0.93      0.92        Drive end      Non drive end Mobil Polyrex EM      Notal      No									
No load current [A]      1.83/0.917      1.81/0.906      1.84/0.978        Rated speed [RPM]      3510      2890      2900        Rated speed [RPM]      2.50      3.67      3.33        Rated torque [ft.lb]      2.90      3.63      3.62        cocked rotor torque [%]      330      250      280        Breakdown torque [%]      330      250      280        Service factor      1.15      1.15      1.15        Emperature rise      80 K      80 K      80 K      80 K        No load cort ort time      255 (cold) 148 (hot)      05 (cold) 05 (hot)      05 (cold) 05 (hot)        Noise level?      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)        Power Factor      50%      83.7      85.5      85.1      85.4        75%      8.55      84.2      84.3      3.63      0.80        Power Factor      75%      0.86      0.90      0.88      0.90      0.88        100%      0.91      0.93      0.92      50%      0.49      0.56      0.52        Stating type      :									
Rated speed [RPM]      3610      2890      2900        Silp [%]      2.50      3.67      3.33        Rated torque [ft.lb]      2.99      3.63      3.62        cocked rotor torque [%]      220      180      200        Service factor      1.15      1.15      1.15        Temperature rise      80 K      80 K      80 K      80 K        cocked rotor time      255 (cold) 14s (hot)      05 (cold) 05 (hot)      05 (cold) 05 (hot)        Noise level?      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)      60.0 dB(A)        Cocked rotor time      25%      83.7      85.5      85.1      85.4        Soly      50%      84.0      85.0      84.1      35.4        100%      0.85.5      84.2      84.3      30.80        75%      0.86      0.90      0.88      0.90      0.88        100%      0.86      0.90      0.88      0.90      0.88        Lubrication interval      :      -      -      -      -        Lubricatin type      :      6205 ZZ		1							
Dip [%]      2.50      3.67      3.33        Rated torque [%]      2.99      3.63      3.62        cocked rotor torque [%]      330      250      280        Breakdown torque [%]      330      250      280        Service factor      1.15      1.15      1.15        Temperature rise      80 K      80 K      80 K      80 K        Locked rotor time      225 (cold) 14s (hot)      0s (cold) 0s (hot)      0s (cold) 0s (hot)        Noise level*      25%      83.7      85.5      85.4        Solise level*      25%      83.7      85.5      85.4        100%      85.5      85.1      85.4      35.4        100%      85.5      85.1      85.4      36.4        100%      0.91      0.93      0.92      36.3        Power Factor      75%      0.86      0.90      0.88        100%      0.91      0.93      0.92      50.5        Sealing      :      62052.7      6202.72      Max. traction      : 69 lb        Lubrication interval      <									
Rated forque [ft.lb]      2.99      3.63      3.62        .ocked rotor torque [%]      220      180      200        Service factor      1.15      1.15      280        Emperature ise      80 K      80 K      80 K      80 K        Locked rotor time      255 (cold) 14s (hot)      0s (cold) 0s (hot)      0s (cold) 0s (hot)      0s (cold) 0s (hot)        Noise level*      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)      60.0 dB(A)        Efficiency (%)      50%      84.0      85.5      85.4        50%      84.0      85.5      85.4        25%      0.49      0.56      0.52        Power Factor      75%      0.86      0.90      0.88        100%      0.91      0.93      0.92      Max. traction      :69 lb        Bearing type      :      6205 ZZ      6203 ZZ      Max. compression      :107 lb        Sealing      :      :      -      -      -      Lubrication interval      :      -      -        Lubrication interval      :      -      -      -		/']							
Locked rotor torque [%]      220      180      200        Breakdown torque [%]      330      250      280        Bervice factor      1.15      1.15      1.15        Femperature rise      80 K      80 K      80 K        Locked rotor time      255 (cold) 14 (hot)      05 (cold) 06 (hot)      05 (cold) 06 (hot)        Noise level*      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)      60.0 dB(A)        25%      83.7      85.5      85.4      85.4        75%      85.5      85.1      85.4      85.4        100%      85.5      84.2      84.3      85.5        90wer Factor      50%      0.77      0.83      0.80        75%      0.86      0.90      0.88      0.90      0.88        100%      0.91      0.93      0.92      0.92      0.92        Erficiency type      :      6205 ZZ      6203 ZZ      Kaz compression      : 107 lb        Bearing type      :      :      :      .      .      .        Lubricant in interval      :		1							
Breakdown torque [%]      330      250      280        Service factor      1.15      1.15      1.15        Emperature rise      80 K      80 K      80 K        Locked rotor time      255 (cold) 14s (hot)      05 (cold) 05 (hot)      05 (cold) 05 (hot)        Noise level*      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)      60.0 dB(A)        Efficiency (%)      25%      83.7      85.5      85.4      85.4        75%      85.5      85.1      85.4      85.4      85.5        Power Factor      25%      0.49      0.56      0.52      0.56        75%      0.86      0.90      0.88      0.92      0.92      0.92        Power Factor      50%      0.77      0.83      0.80      0.92      0.93      0.92      0.92      0.92      0.93      0.92									
Service factor      1.15      1.15        Temperature rise      80 K      80 K      80 K        cocked rotor time      255 (cold) 145 (hot)      05 (cold) 05 (hot)      05 (cold) 05 (hot)        Noise level*      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)      60.0 dB(A)        Efficiency (%)      50%      83.7      85.5      85.4        75%      85.5      85.0      84.7        75%      85.5      84.2      84.3        100%      85.5      84.2      84.3        25%      0.49      0.56      0.52        Power Factor      75%      0.86      0.90      0.88        100%      0.91      0.93      0.92        Bearing type      :      6205 ZZ      6203 ZZ      Max. traction      : 69 lb        Lubrication interval      :      -      -      -      -      Lubrication interval      : and cancel the previous one, which must be eliminated.      Max. traction      : 69 lb        Notes      USABLE @208V 5.35A SF 1.00 SFA 5.35A      SEA      SEA      SEA      -        (1) Lo									
Temperature rise      80 K      80 K      80 K      80 K        Locked rotor time      25s (cold) 14s (hot)      0s (cold) 0s (hot)      0s (cold)		.[,0]							
Locked rotor time      25s (cold) 14s (hot)      Os (cold) 0s (hot)      Os (cold) 0s (hot)        Noise level*      62.0 dB(A)      60.0 dB(A)      60.0 dB(A)        Efficiency (%)      50%      83.7      85.5      85.1      85.4        100%      85.5      85.1      85.4      85.4        100%      85.5      84.2      84.3        100%      50%      0.49      0.56      0.52        75%      0.86      0.90      0.88      0.80      0.92        Power Factor      75%      0.86      0.90      0.88      0.92        Earing type      :      6205 ZZ      6203 ZZ      Max. traction      : 69 lb        Sealing      :      Without      Without      Without      Max. compression      : 107 lb        Notes      USABLE @208V 5.35A SF 1.00 SFA 5.35A      SFA 5.35A      SFA 5.35A      SFA 5.35A        Chaine at tim and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load.      Changes Summary      Performed      Checked      Date        Performed by			80 K						
Noise level <sup>2</sup> 62.0 dB(A)      60.0 dB(A)      60.0 dB(A)        Efficiency (%)      25%      83.7      85.5      85.4        Efficiency (%)      50%      84.0      85.5      85.1      86.4        100%      85.5      85.1      85.4      86.4        25%      0.49      0.56      0.52        50%      0.77      0.83      0.80        75%      0.86      0.90      0.88        100%      0.91      0.93      0.92        Sealing      Envice end Non drive end Sealing Seal Bearing Seal Bearing Seal Bearing Seal Bearing Seal Lubrication interval      :      :      60.0 dB(A)        Lubrication interval      :      -      -      -      .        Lubrication interval      :      -      -      -      .        Lubrication with tolerance of +3dB(A).      (3) Approximate weight subject to changes after manufacturing process.      (4) At 100% of full load.      These are average values based on tests with sinusoidal mower supply, subject to the tolerances stipulated in NEMA MG-1.        (2) Measure at 1m and with tolerance of +3dB(A).      (3) Approximate weight subject to changes after manufacturing process.									
25%      83.7      85.5      86.4        Efficiency (%)      75%      86.5      86.1      86.4        75%      85.5      85.1      85.4        100%      85.5      85.1      85.4        100%      85.5      84.2      84.3        100%      0.49      0.56      0.52        90wer Factor      50%      0.77      0.83      0.80        75%      0.86      0.90      0.88      0.92        Foundation loads      Bearing type      6205 ZZ      6203 ZZ      Max. traction      : 69 lb        Bearing type      :      6205 ZZ      6203 ZZ      Max. traction      : 107 lb        Lubrication interval      :      -      -      -      -        Lubrication interval      :      -      -      -        Lubrication tierval      :      -      -      -        Lubrication tierval      :      -      -      -        Lubrication tierval      :      -      -      -        Lubricatin sthe elleminated.      <									
Efficiency (%)      50%      84.0      85.0      84.7        75%      85.5      85.1      85.4      84.3        100%      85.5      84.2      84.3        25%      0.49      0.56      0.52        50%      0.77      0.83      0.80        75%      0.86      0.90      0.88        100%      0.91      0.93      0.92        Sealing      :      6205 ZZ      6203 ZZ        Sealing      :      6205 ZZ      6203 ZZ        Sealing      :      :      -        Lubrication interval      :      -      -        Lubricant amount      :      -      -        Lubricant type      :      Mobil Polyrex EM      Max. traction        Notes      USABLE @208V 5.35A SF 1.00 SFA 5.35A      Max      Files are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (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.		25%							
Efficiency (%)      75%      85.5      85.1      85.4        100%      85.5      84.2      84.3        100%      0.56      0.52        50%      0.49      0.56      0.52        75%      0.86      0.90      0.83        100%      0.91      0.93      0.92        Bearing type      :      6205 ZZ      6203 ZZ        Sealing      :      Without      Without      Max. traction      : 69 lb        Lubrication interval      :      -      -      .      .        Lubrication interval      :      -      -      .      .        Lubricant mount      :      -      -      .      .        Lubricant type      :      Mobil Polyrex EM      Max. compression      : 107 lb        Notes      USABLE @208V 5.35A SF 1.00 SFA 5.35A      MGe1.      .      .        (1) Looking the motor from the shaft end.      .      .      .      .        (2) Measured at 1m and with tolerance of +3dB(A).      .      .      .      . <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
100%      85.5      84.2      84.3        Power Factor      25%      0.49      0.56      0.52        50%      0.77      0.83      0.80        75%      0.86      0.90      0.88        100%      0.91      0.93      0.92        Bearing type      :      6205 ZZ      6203 ZZ      Max. traction      :69 lb        Sealing      :      Without      Without      Max. compression      :107 lb        Lubrication interval      :      -      -      -      -        Lubricant amount      :      -      -      -      -        Lubricant amount      :      -      -      -        Lubricant amount      :      -      -      -        Lubricant type      :      Mobil Polyrex EM      Max. traction      :69 lb        Notes      USABLE @208V 5.35A SF 1.00 SFA 5.35A      Mobil Polyrex EM      MG-1.      MG-1.        (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 <t< td=""><td>Efficiency (%)</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Efficiency (%)								
Power Factor      25%      0.49      0.56      0.52        50%      0.77      0.83      0.80        75%      0.86      0.90      0.88        100%      0.91      0.93      0.92        Envice end Non drive end 6205 ZZ 6203 ZZ 620									
Power Factor    50%    0.77    0.83    0.80      75%    0.86    0.90    0.88      100%    0.91    0.93    0.92      Bearing type    :    6205 ZZ    6203 ZZ      Sealing    :    Without    Without      Bearing Seal Bearing Seal    Bearing Seal Bearing Seal    Max. traction    : 69 lb      Lubricant amount    :    -    -    .      Lubricant type    :    Mobil Polyrex EM    Max. compression    : 107 lb      Notes    USABLE @208V 5.35A SF 1.00 SFA 5.35A    These are average values based on tests with sinusoidal mover supply, subject to the tolerances stipulated in NEMA (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 by									
Power Factor    75%    0.86    0.90    0.88      100%    0.91    0.93    0.92      Bearing type    :    6205 ZZ    6203 ZZ      Sealing    :    Without    Without    Max. traction    : 69 lb      Lubrication interval    :    -    -    -      Lubricant amount    :    -    -    -      Lubricant type    :    Mobil Polyrex EM    Max. compression    : 107 lb      Notes    USABLE @208V 5.35A SF 1.00 SFA 5.35A    This revision replaces and cancel the previous one, which must be eliminated.    These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.      (3) Approximate weight subject to changes after manufacturing process.    (4) At 100% of full load.    Performed    Checked    Date      Performed by	<b>-</b> -								
Image: 100%  0.91  0.93  0.92    Bearing type  :  6205 ZZ  6203 ZZ  6203 ZZ    Sealing  :  Without  Without  Without    Bearing Seal  Bearing Seal  Bearing Seal  Foundation loads    Lubrication interval  :  -  -    Lubricant amount  :  -  -    Lubricant type  :  Mobil Polyrex EM  Max. compression  : 107 lb    Notes  USABLE @208V 5.35A SF 1.00 SFA 5.35A  These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.    (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.    Rev.  Changes Summary  Performed  Checked    Performed by	Power Factor								
Drive end Bearing type    Drive end 6205 ZZ    Foundation loads Max. traction    : 69 lb Max. compression      Sealing    :    Without    Without    Max. compression    : 107 lb      Lubrication interval    :    -    -    -      Lubrication interval    :    -    -    -      Lubrication interval    :    -    -    -      Lubricant amount    :    -    -    -      Lubricant type    :    Mobil Polyrex EM    Max. compression    ::      Notes    USABLE @208V 5.35A SF 1.00 SFA 5.35A    These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (1) Looking the motor from the shaft end.    -      (2) Measured at 1m and with tolerance of +3dB(A).    MG-1.    MG-1.      (3) Approximate weight subject to changes after manufacturing process.    -    -    -      (4) At 100% of full load.    -    -    -    -      Performed by									
Lubrication interval    :    -    -      Lubricant amount    :    -    -      Lubricant type    :    Mobil Polyrex EM      Notes    USABLE @208V 5.35A SF 1.00 SFA 5.35A      This revision replaces and cancel the previous one, which must be eliminated.    These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (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.    MG-1.      Performed by    Image: Checked by      Performed by    Page      Rev.    Page      Revision    Page			: 6205 ZZ 6203 ZZ : Without Without	Max. traction : 69 lb Max. compression : 107 lb					
Lubricant type    :    Mobil Polyrex EM      Notes    USABLE @208V 5.35A SF 1.00 SFA 5.35A      This revision replaces and cancel the previous one, which must be eliminated.    These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (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.    MG-1.      Rev.    Changes Summary      Performed by    Page      Performed by    Page			Bearing Seal Bearing Sea						
USABLE @208V 5.35A SF 1.00 SFA 5.35A      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.      Rev.    Changes Summary      Performed by      Performed by      Checked by		I	: Mobil Polyrex EM						
must be eliminated.    power supply, subject to the tolerances stipulated in NEMA      (1) Looking the motor from the shaft end.    manufacturing process.      (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    Checked      Performed by    Page    Revision		5.35A SF 1.	00 SFA 5.35A						
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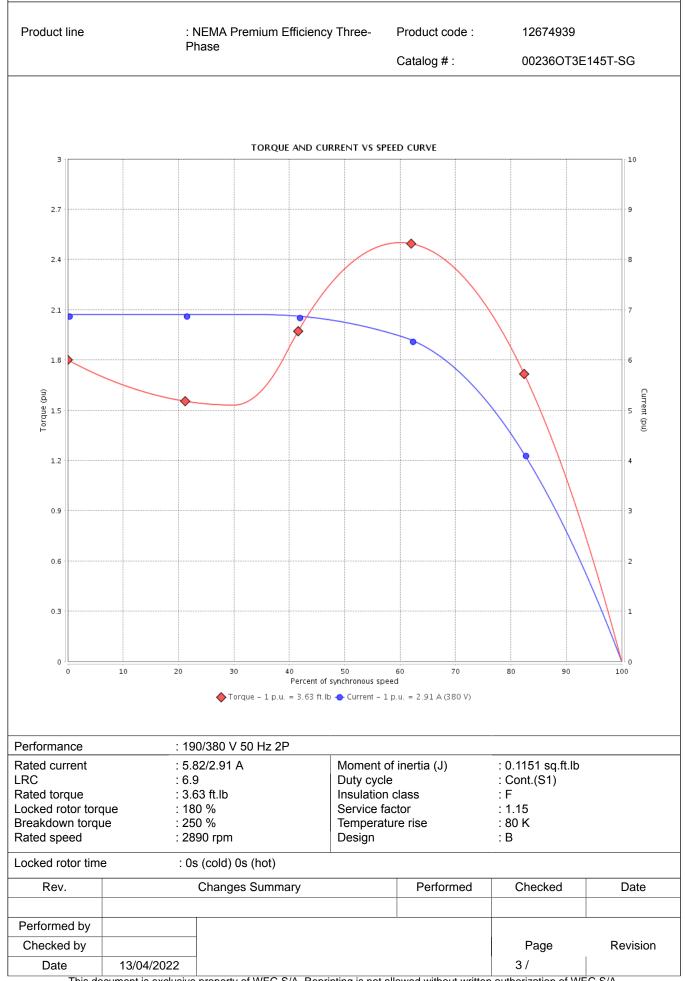
### TORQUE AND CURRENT VS SPEED CURVE

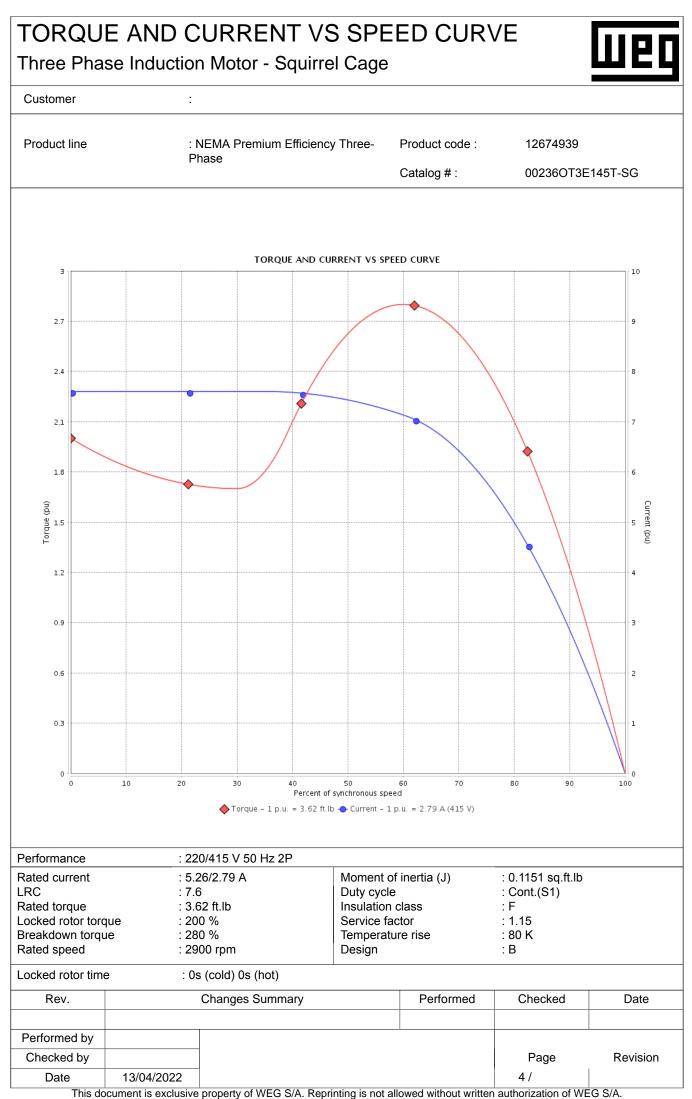
Three Phase Induction Motor - Squirrel Cage

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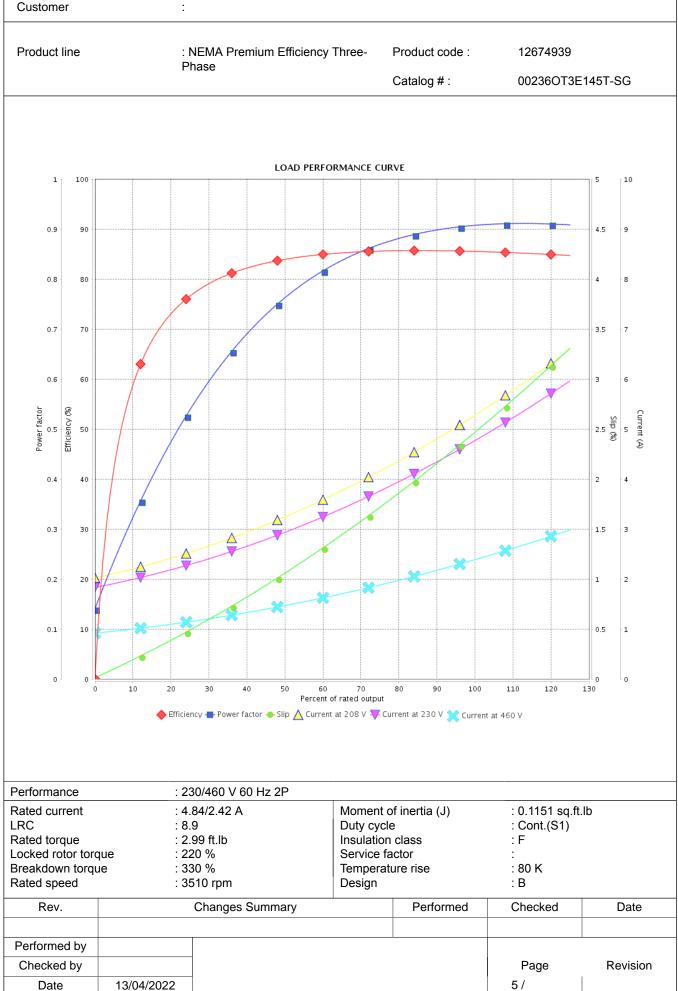


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

#### Customer



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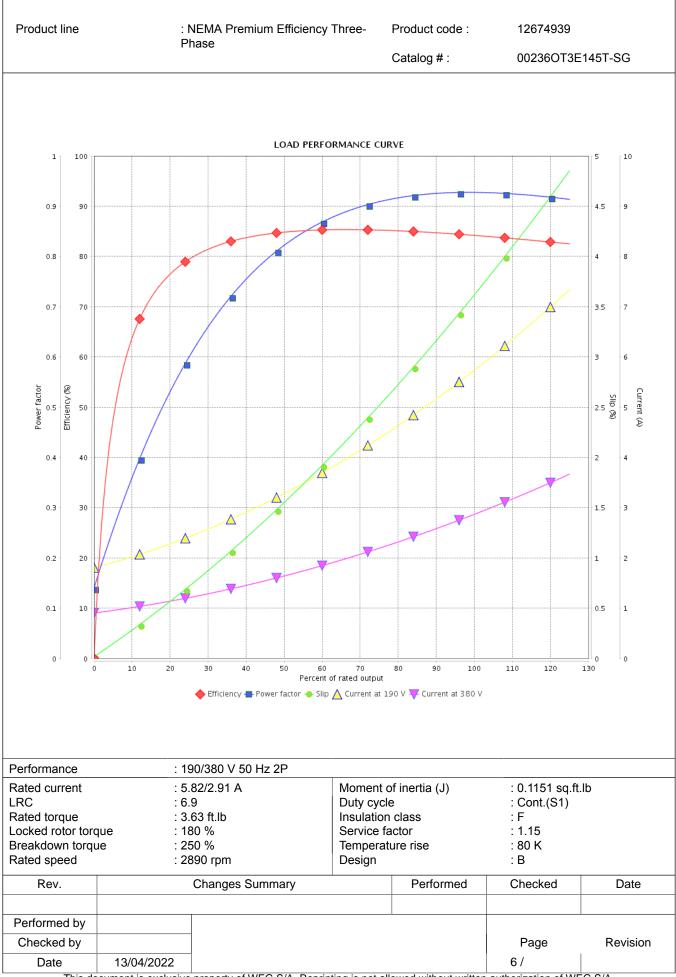
### LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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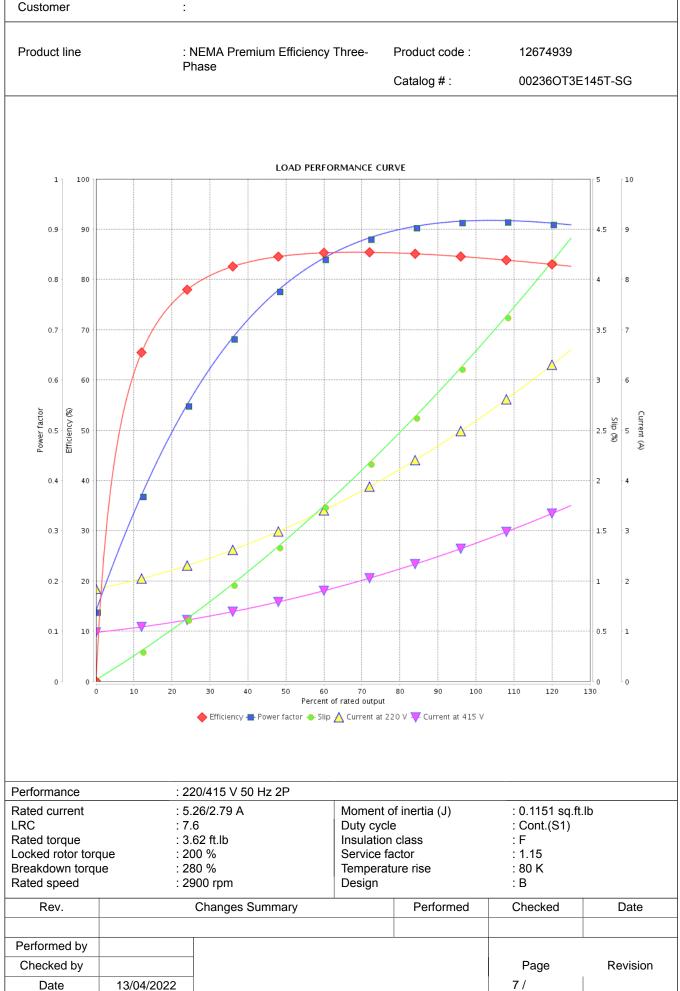
Customer



## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

#### Customer

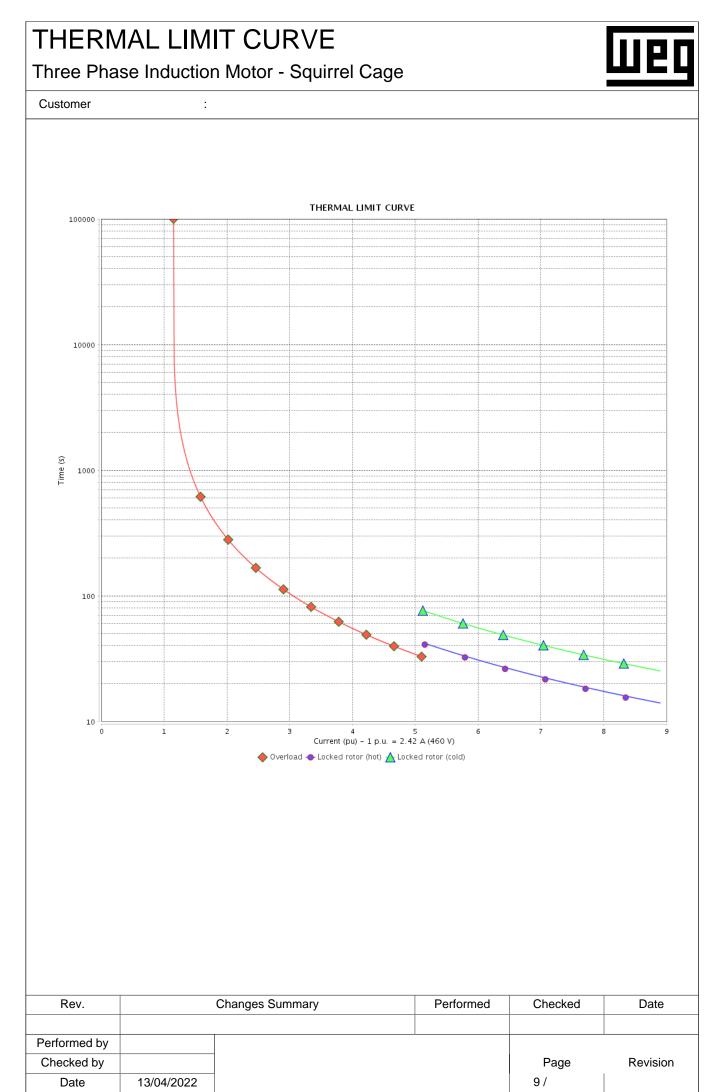


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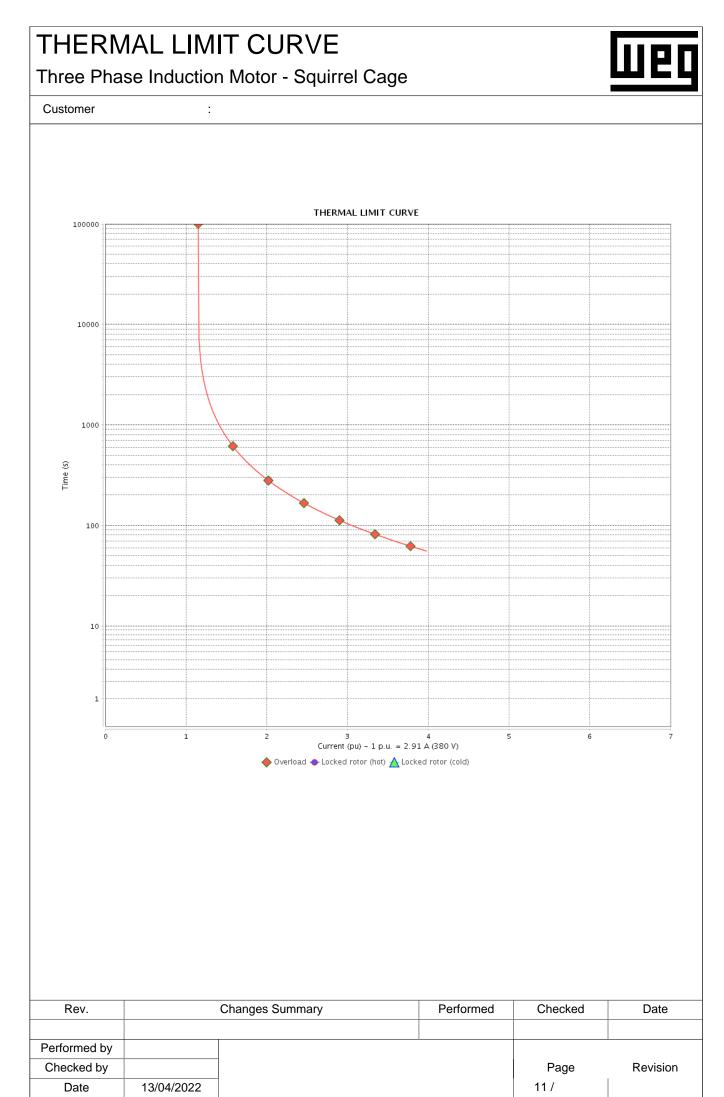
THERMAL LIMIT CURVE Three Phase Induction Motor - Squirrel Cage										
Customer		:	Cago							
Product line		: NEMA Premium Efficiency Phase		Product code : Catalog # :	12674939 00236OT3E	-145T-SG				
Rated current: 4.84LRC: 8.9Rated torque: 2.99Locked rotor torque: 220Breakdown torque: 330		: 230/460 V 60 Hz 2P : 4.84/2.42 A : 8.9 : 2.99 ft.lb : 220 % : 330 % : 3510 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 0.1151 sq.ft : Cont.(S1) : F : : 80 K : B	: F : : 80 K				
Heating constant	t									
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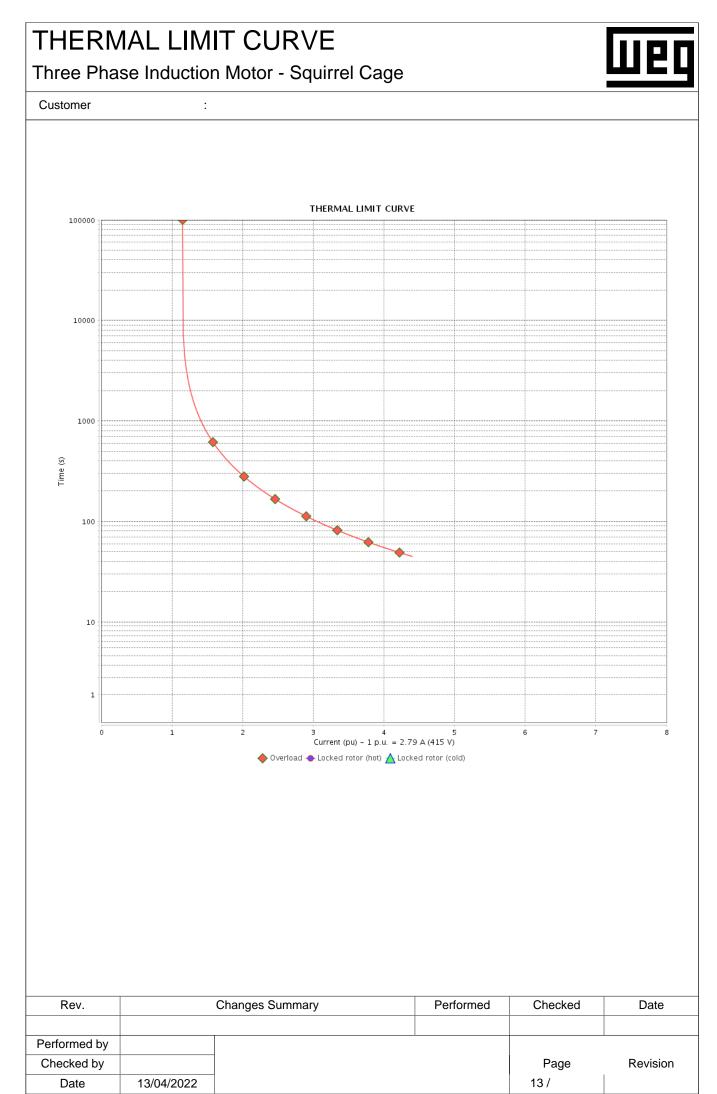
	IAL LIMIT CURVE se Induction Motor - Squirrel	Cage		Weg			
Customer	:						
Product line	: NEMA Premium Efficiency T Phase	Three- Product code Catalog # :	e: 12674939 00236OT3E	E145T-SG			
Performance Rated current	: 190/380 V 50 Hz 2P : 5.82/2.91 A	Moment of inertia (J)	: 0.1151 sq.ff	lb			
LRC Rated torque	: 6.9 : 3.63 ft.lb	Duty cycle Insulation class	: Cont.(S1) : F				
Locked rotor torq	ue : 180 %	Service factor	: 1.15				
Breakdown torqu Rated speed	e : 250 % : 2890 rpm	Temperature rise Design					
Heating constant		-					
Cooling constant Rev.	Changes Summary	Performe	d Checked	Date			

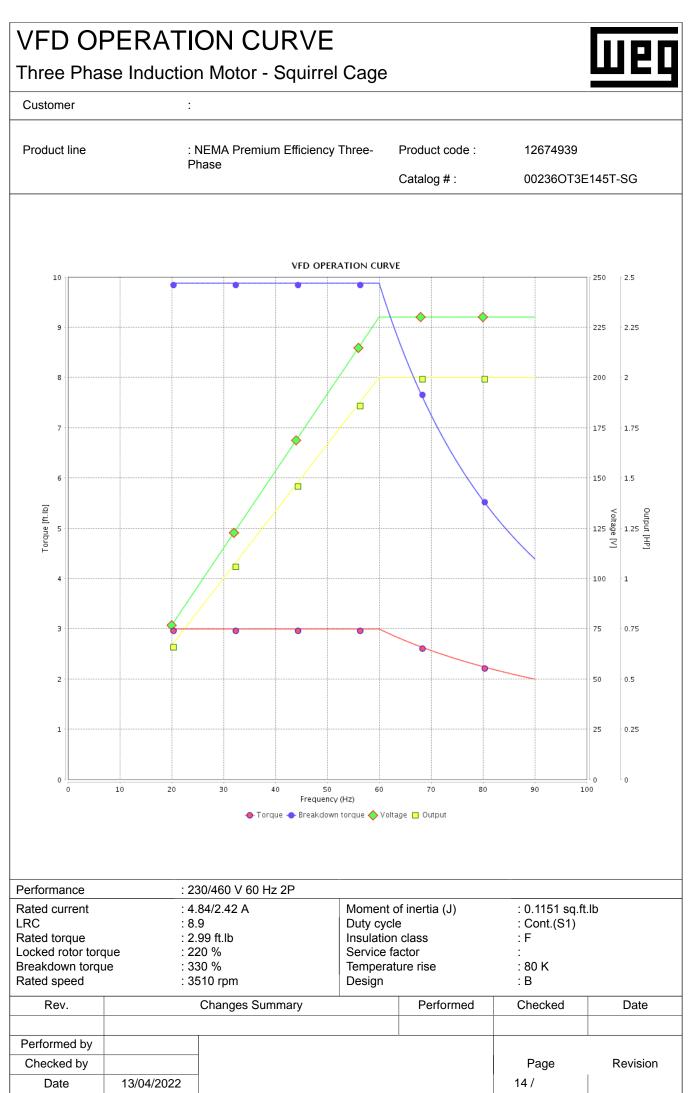
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THERMAL LIMIT CURVE									
Three Phas	se Inductic	on Motor - Squirrel	Cage			Шед			
Customer	:								
Product line		NEMA Premium Efficiency <sup>-</sup> Phase		Product code : Catalog # :	12674939 00236OT3E	145T-SG			
Performance	:2	220/415 V 50 Hz 2P	1						
Rated torque Locked rotor torque Breakdown torque		5.26/2.79 A 7.6 3.62 ft.lb 200 % 280 % 2900 rpm	Moment o Duty cycle Insulation Service fa Temperate Design	class ctor	: 0.1151 sq.ft : Cont.(S1) : F : 1.15 : 80 K : B	: F : 1.15 : 80 K			
Heating constant									
Cooling constant Rev.		Changes Summary		Performed	Checked	Date			
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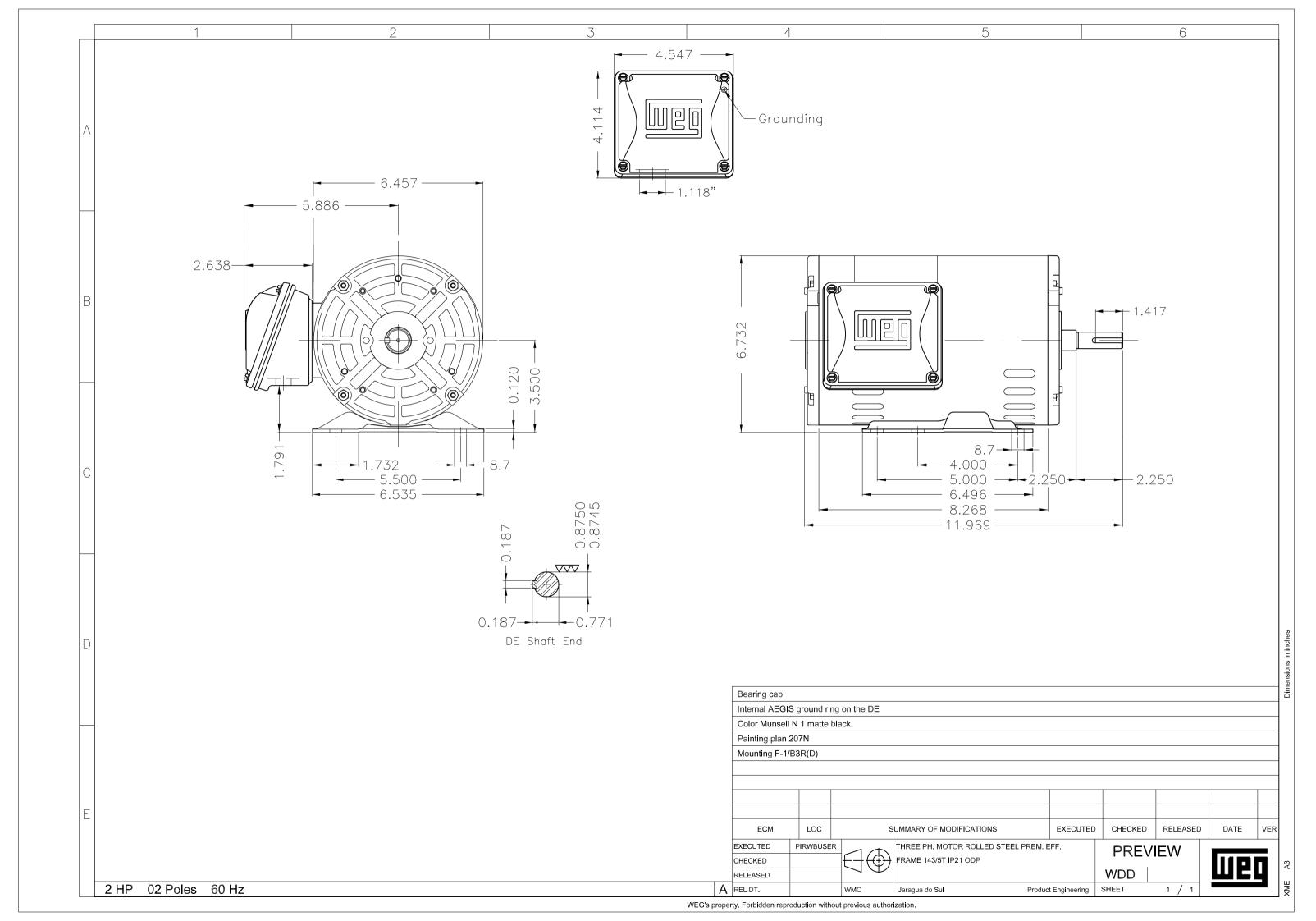
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COUNTED COUSTED COUSTED COUSTING	CE		HP 2.0 kw 15			DF 0.01			50Hz 190-220/380-415V SF1.15 2800RPM EFF 84.2% /IF31 IFC 60034-1	te on VPWM 1000:1 VT, 3:1	MOBIL POLYREX EM		T1-BLU	조 ♣1 / ♣18 ♣19 T3-ORG T4-YEL	DOT 1 TO TO THE TRANK TO THE TRANK	LI LZ L3 T9-BRK RED	IS TO REVERSE THE ROTATION HEAVENING	NING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical shocks. Disconnect power source before servicing unit.	AVERTISSEMENT. Le moteur doit ête mis à la terre <b>de la terre doit et la terre doit et la terre doit</b> et éléctriques locaux et nationaux afin d'éviter tout e. Déconnectez l'allimentation avant l'entretien de la machine.
LIED REMUN	MADE IN MÉXICO MAT: 12674939 CC029A W01.TO0IC0X0N	MODEL 002360T3E145T-SG 23NOV2021 B/N:	PH 3 Hz 60	∣≿	ALT 1000 m.a.s.l	40°C DES	DDE K	USABLE @ 208V 5.35A N SF1.00	ALTERNATE RATING: 2.0HP 50 5.82-5.11/2.91-2.71A 289	Inverter duty motor For B	DE 6205-ZZ ODE 6203-ZZ	T4 T5 T6					INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION	WARNING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical shocks. Disconnest power source before servicing unit.	AVERTISSEMENT: Le moteur doit être mis à la terre conformément aux codes béendiques locaux et nationaux affin d'vier tout choc électrique grave. Déconnecta: fallmentation avant l'entrefere de la machine.