DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

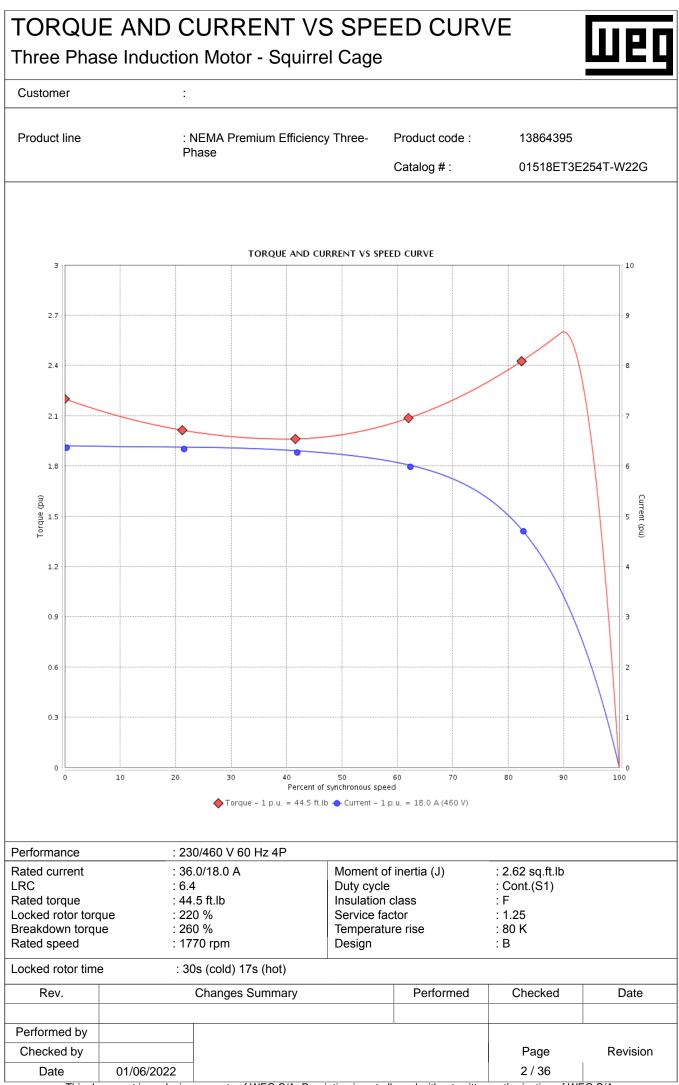
Customer

$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Product line		: NEMA Pre Phase	mium Efficien	icy Three-	Product code	e: 13	864395		
Insulation class : F Mounting : F-1 Duty cycle : Cont.(S1) Ambient temperature : 20°C to 440°C Starting method : Direct On Line Direct On Line Protection degree :: IP55 ISB Moment of inertia (J) : 2.62 sq.ft.lb Dutput [HP] 15 10 10 15 15 15 Protection degree :: IP55 60 50 50 50 50 Started variant [A] 36.0/18.0 15.2 14.8 14.6 21.6 20.0 RC [A] 63.0/18.0 15.2 14.8 14.6 21.6 20.0 RC [A] 63.0/18.0 16.7 17.8 Code J(B 3.4) 64.4(Code F) 5.5 59.5 59.5 59.5 59.5 50.5 <td></td> <td></td> <td>Phase</td> <td></td> <td></td> <td>Catalog # :</td> <td>01</td> <td>C411 - TEFC 30th (CW and CCW) Direct On Line 113 lb 2.62 sq.ft.lb 15 15 14 400 415 20.5 20.5 20.5 20.5 20.5 20.67 2.67 2.67 2.67 2.67 2.67 2.00 210 220 240 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0</td> <td>T-W22G</td>			Phase			Catalog # :	01	C411 - TEFC 30th (CW and CCW) Direct On Line 113 lb 2.62 sq.ft.lb 15 15 14 400 415 20.5 20.5 20.5 20.5 20.5 20.67 2.67 2.67 2.67 2.67 2.67 2.00 210 220 240 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0	T-W22G	
Duty cycle : Cort. (S1) Rotation* Bath (mathematical strains) Ba										
Ambient temperature protection degree : 20°C to '-40°C : 1000 m.s.t. Starting method protection degree : Direct On Line Approx. weight? Starting method : Direct On Line Approx. weight? Design : B 100 m.s.t. Moment of inertia (J) : 2.62 sq.t.lb Design : B 10 10 15 15 Tergeneroy [Hz] 60 50 50 50 50 Stade oursent [A] 230/460 380 400 415 380 400 415 RC [A] 230/15 109 115 120 105 111 118 RC [A] 6.4x(Code 7.2x(Code J)7.8x(Code J)8.xx(Code K)4.9x(Code E)5.4x(Code F) 5.9x(Cod 7.40 7.40								-	CCW()	
Attlude : 1000 m.a.s.l. Approx.weight* : 313 lb Protection degree : PP55 Moment of inertia (J) : 2.62 sq.ft.lb Design : B 10 10 15 15 Disput [HP] 15 10 10 15 15 Poles 4 4 4 4 4 4 requency [Hz] 60 50 <td< td=""><td></td><td>ature</td><td></td><td>40°C</td><td></td><td></td><td></td><td>•</td><td>,</td></td<>		ature		40°C				•	,	
Protection degree :: P55 Moment of inertia (J) :: 2.62 sq.ft.lb Dutput [HP] 15 10 10 15 15 Togles 4 4 4 4 4 4 Tergeuncy [Hz] 60 50	•									
Dutput [HP] 15 10 10 10 15 15 Toples 4		e	: IP55							
objes 4 <td>Design</td> <td></td> <td>: B</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Design		: B							
Frequency [Hz] 60 50 50 50 50 50 Stated vortage [V] 230/460 380 400 415 380 400 415 R. Amperes [A] 230/460 15.2 14.8 14.5 21.5 20.5 20.0 R. Amperes [A] 230/415 109 115 120 105 111 118 R. Amperes [A] 230/415 6.70 7.10 7.40 7.10 7.60 7.40 O load current [A] 14.47 20 6.70 7.10 7.40 7.10 7.60 7.40 Stated torque [RM] 1770 1475 1480 1485 1465 1465 316 35.5 54.1 54.0 53.8 Cocked rotor torque [%] 220 250 280 310 160 200 210 Freakdown torque [%] 220 250 125 1.25 1.00 1.00 100 Finerator 125 1.25 1.25				-						
ale d voltage [V] 230/460 380 400 415 380 400 415 Rated current [A] 36.0/18.0 15.2 14.8 14.5 21.5 20.0 . R. Amperes [A] 230/115 109 115 120 105 111 118 R.C [A] 6.4x(Code 7.2x(Code J)7.8x(Code J)8.3x(Code K)4.9x(Code F)5.5x(Code F)5.5x(-			-		-		
Stated current [A] 36 0/18.0 15.2 14.8 14.5 21.5 20.5 20.0 .R. Amperes [A] 230/115 109 115 120 105 111 118 RC [A] 6.4x(Code J) 7.8x(Code J) 8.3x(Code K) 9.8x(Code F) 5.9x(Code F) 6.70 7.10 7.40 7.10 7.60 7.40 7.40 7.10 7.60 7.40 7.40 7.10 7.60 7.40 7.40 7.10 7.60 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.40 7.50 7.60 7.40 7.40 7.40 7.50 7.60 7.40 7.40 7.50 7.60 7.40 7.50 7.60 7.50 7.60 7.60 7.50 7.60 7.50 7.60 7.50 7.60										
R. Anperes [Å] 230/115 109 115 120 105 111 118 RC [Å] 6.4x(Code 7.2x(Code J) 7.8x(Code 8.3x(Code K) 4.9x(Code E) 5.4x(Code F) 5.4x(Code F) 5.9x(Code G) 5.4x(Code F) 5.4x(Code F) 5.9x(Code G) 5.4x(Code F) 5.4x(F) 5.5x(F) 5										
RC [A] 6.4x(Code 7.2x(Code J) 7.8x(Code J) 8.3x(Code K) 4.9x(Code E) 5.4x(Code F) 5.9x(Code G) No load current [A] 14.477.20 6.70 7.10 7.46 7.40 7.53 7.40 7.53 7.40 7.53 7.40 7.53 7.40 7.53 5.35 5.5 5.41 15.0 7.55 7.53 7.53 7.56 7.56 7.56 7.56 7.56 7.50 7.56										
G) G)<										
No load current [A] 14.4/7.20 6.70 7.10 7.40 7.10 7.60 7				7.2A(COUC 3)				0.4X(00001)		
Bill [%] 1.67 1.67 1.33 1.33 3.00 2.67 2.33 ated torque [%] 24.5 35.6 35.5 54.1 54.0 53.8 accked rotor torque [%] 260 300 340 370 200 220 240 breakdown torque [%] 260 300 340 370 200 220 240 breakdown torque [%] 260 300 340 370 200 220 240 breakdown torque [%] 260 300 340 370 200 220 240 breakdown torque [%] 260 300 340 370 200 220 240 breakdown torque [%] 260 300 340 370 200 100 10.6									7.40	
Stated forque [ft,lb] 44.5 35.6 35.5 35.5 54.1 54.0 53.8 cocked rotor torque [%] 220 250 280 310 160 200 210 freakdown torque [%] 260 300 340 370 200 220 240 Service factor 1.25 1.25 1.25 1.00 1.00 1.00 Gemperature ise 80 K	Rated speed [RPN			1475				1460		
cocked rotor forque [%] 220 250 280 310 160 200 210 3reakdown torque [%] 260 300 340 370 200 220 240 Service factor 1.25 1.25 1.25 1.25 1.00 1.00 1.00 100 ferrive factor 305 (cold) 455 (cold) 395 (cold) 275 (cold) 275 (cold) 275 (cold) 275 (cold) 155 (hot) 155 (hot) 155 (hot) 155 (hot) 155 (hot) 155 (hot) 255 (hot) 225 (hot) 205 (hot) 160 (B(A) 61.0 dB(A)										
Breakdown torque [%] 260 300 340 370 200 220 240 Service factor 1.25 1.25 1.25 1.25 1.00 1.00 1.00 Gemperature rise 80 K										
Service factor 1.25 1.25 1.25 1.25 1.00 1.00 1.00 Iernperature rise 80 K 90.8 90.2 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 92.6 0.80 C 0.80 C 0.80 C										
Femperature rise 80 K 90.8 90.8 90.8 90.8 90.8 90.8 90.2 91.0		e [%]								
cocked rotor time 30s (cold) 45s (cold) 39s (cold) 27s (cold) 27s (cold) 15s (hot) 160 100										
ITs (hot) 22s (hot) 20s (hot) 20s (hot) 15s (hot) <t< td=""><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	•									
Noise level ² 64.0 dB(A) 61.0 dB(A) 61.										
25% 90.2 88.5 88.1 87.6 90.8	Noise level ²				. ,	. ,	. ,			
Efficiency (%) 50% 91.0 88.8 88.6 88.3 91.0	-	25%	. ,							
100% 91.1 90.3 90.3 90.3 90.2 91.0 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>										
Power Factor 25% 0.43 0.40 0.37 0.35 0.49 0.46 0.45 50% 0.68 0.65 0.62 0.59 0.74 0.71 0.69 75% 0.78 0.77 0.74 0.72 0.82 0.80 0.79 100% 0.83 0.83 0.81 0.79 0.86 0.85 0.84 Bearing type : 6309 C3 6209 C3 6209 C3 84 Max. traction : 462 lb Sealing : VRing VRing Max. compression : 775 lb Lubricant amount : 13 g 9 g Max. compression : 775 lb Notes USABLE @208V 39.8A SF 1.15 SFA 45.8A Mobil Polyrex EM Mcs. MG-1. 10 Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (2) Measured at 1m and with tolerance of +3dB(A). (4) At 100% of full load.					90.3					
Power Factor 50% 0.68 0.65 0.62 0.59 0.74 0.71 0.69 75% 0.78 0.77 0.74 0.72 0.82 0.80 0.79 100% 0.83 0.83 0.83 0.81 0.79 0.86 0.85 0.84 Bearing type : 6309 C3 6209 C3 Max. traction : 462 lb Max. compression : 775 lb Sealing : VRing VRing VRing Max. compression : 775 lb Lubrication interval : 20000 h 20000 h 20000 h Max. compression : 775 lb Notes USABLE @208V 39.8A SF 1.15 SFA 45.8A Max. compression : 775 lb Max. Signal 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. MG-1. Rev. Changes Summary Performed Checked Date Performed by									3E254T-W22G TEFC W and CCW) In Line ft.lb 5 15 4 4 0 50 00 415 0.5 20.0 11 118 ode F) 5.9x(Code G) 60 7.40 60 60 7.40 60 1465 67 2.33 1.0 53.8 00 210 20 240 00 1.00 K 80 K cold) 27s (cold) N 80 K cold) 27s (cold) 0.0 91.0 .0 91.0 .0 91.0 .0 91.0 .0 91.0 .0 91.0 .0 91.0 .0 91.0 .0 94 .0 93 .0 94 .0 .84	
Power Factor 75% 0.78 0.77 0.74 0.72 0.82 0.80 0.79 100% 0.83 0.83 0.81 0.79 0.86 0.85 0.84 Bearing type : 6309 C3 6209 C3 Foundation loads Max. traction : 462 lb Sealing : V'Ring V'Ring Wax. traction : 462 lb Lubrication interval : 20000 h 20000 h Max. compression : 775 lb Lubricatin type : Mobil Polyrex EM Max. compression : 775 lb Notes USABLE @208V 39.8A SF 1.15 SFA 45.8A 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. Performed Changes Summary Performed Checked Date Performed by	Temperature rise Locked rotor time Noise level ² Efficiency (%) 25 50 75 100 25 Power Factor 75									
75% 0.78 0.77 0.74 0.72 0.82 0.80 0.79 100% 0.83 0.83 0.81 0.79 0.86 0.85 0.84 Bearing type : 6309 C3 6209 C3 Foundation loads Max. traction : 462 lb Sealing : V'Ring V'Ring Wax. traction : 462 lb Max. traction : 462 lb Lubrication interval : 20000 h 20000 h Max. traction : 775 lb Notes USABLE @208V 39.8A SF 1.15 SFA 45.8A Max These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. Max Performed Checked Date Rev. Changes Summary Performed Checked Date Performed by										
Drive end Bearing type Image: Mon drive end 6309 C3 Foundation loads Bearing type : 6309 C3 6209 C3 Sealing : V'Ring V'Ring Lubrication interval : 20000 h 20000 h Lubricant amount : 13 g 9 g Lubricant type : Mobil Polyrex EM Notes USABLE @208V 39.8A SF 1.15 SFA 45.8A 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. MG-1. (4) At 100% of full load. Performed Checked Performed by Page Revision										
Bearing type : 6309 C3 6209 C3 Max. traction : 462 lb Sealing : V'Ring V'Ring Max. compression : 775 lb Lubrication interval : 20000 h 20000 h 20000 h Max. compression : 775 lb Notes : Mobil Polyrex EM Mobil Polyrex EM Max. traction :		100%			l		0.86	0.85	0.84	
Sealing : V'Ring V'Ring Lubrication interval : 20000 h 20000 h Lubricant amount : 13 g 9 g Lubricant type : Mobil Polyrex EM Notes USABLE @208V 39.8A SF 1.15 SFA 45.8A 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. (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 Date Performed by	Rearing type									
Lubrication interval : 20000 h 20000 h Lubricant amount : 13 g 9 g Lubricant type : Mobil Polyrex EM Notes USABLE @208V 39.8A SF 1.15 SFA 45.8A 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. Rev. Changes Summary Performed Checked Date Performed by					Widx. u					
Lubricant amount : 13 g 9 g Lubricant type : Mobil Polyrex EM Notes USABLE @208V 39.8A SF 1.15 SFA 45.8A 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). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Performed Checked Date Performed by Page Revision		val	•		•	unpression	:7	: 775 lb		
Lubricant type : Mobil Polyrex EM Notes USABLE @208V 39.8A SF 1.15 SFA 45.8A 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). 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										
USABLE @208V 39.8A SF 1.15 SFA 45.8A 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										
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 Date Performed by Page Revision		′ 39.8A SF 1.	.15 SFA 45.8A							
(4) At 100% of full load. Performed Checked Date Rev. Changes Summary Performed Checked Date Performed by Page Revision	must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate	ed. lotor from the 1m and with t weight subjee	e shaft end. tolerance of +3	8dB(A).	power					
Performed by Page Revision	(4) At 100% of ful		Changes	Summary		Performe	ed Che	ecked	Date	
Checked by Page Revision			2	· ····· ,					2	
Checked by Page Revision	Performed by					1				
	-						Þ	ade	Revision	
	-							-	110131011	

Шер

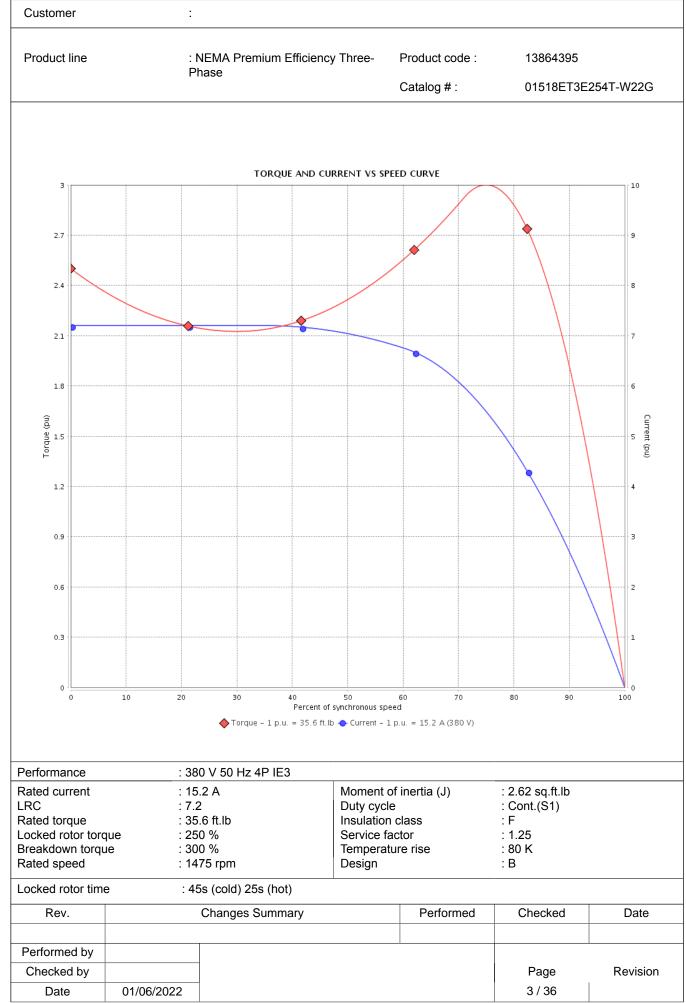
 Date
 01/06/2022
 1 / 36

 This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.
 WEG S/A.

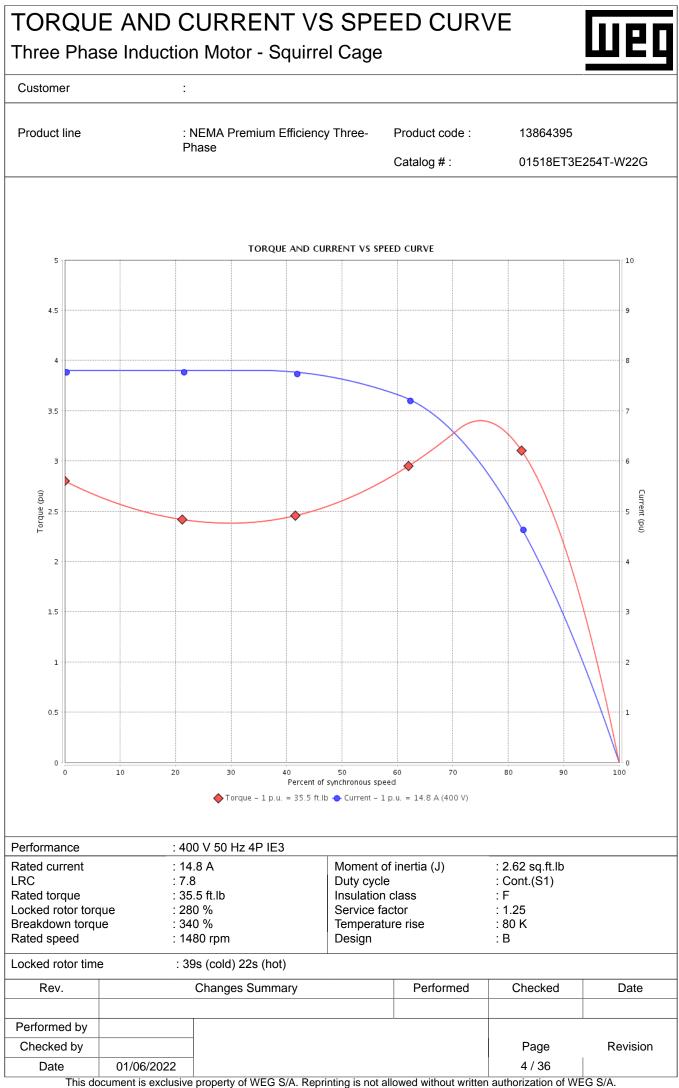


TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



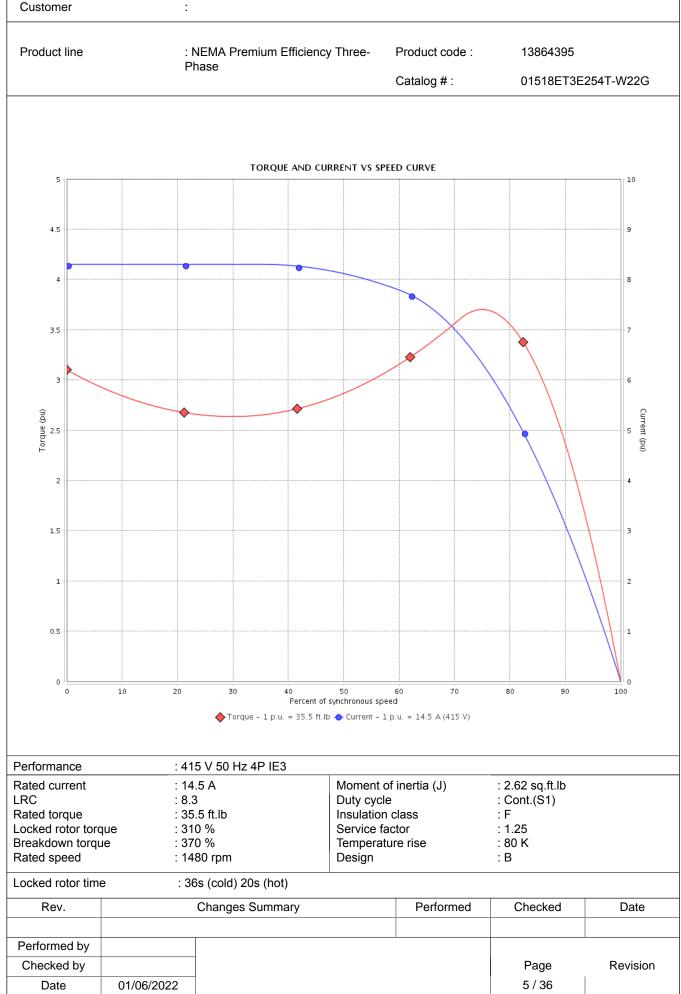
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



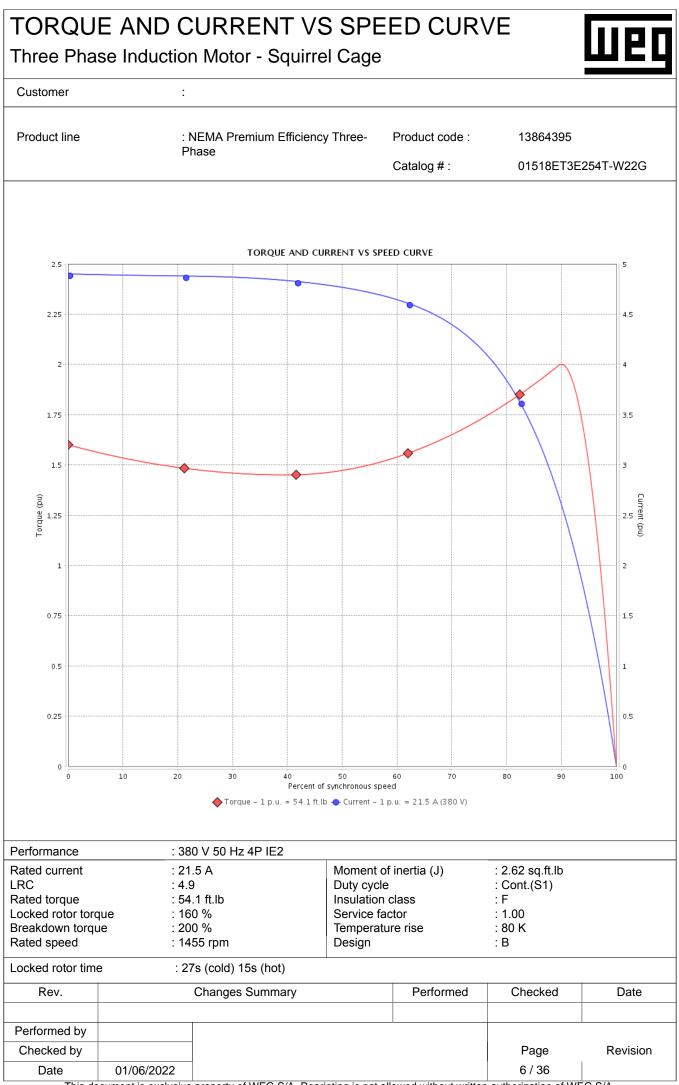
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage





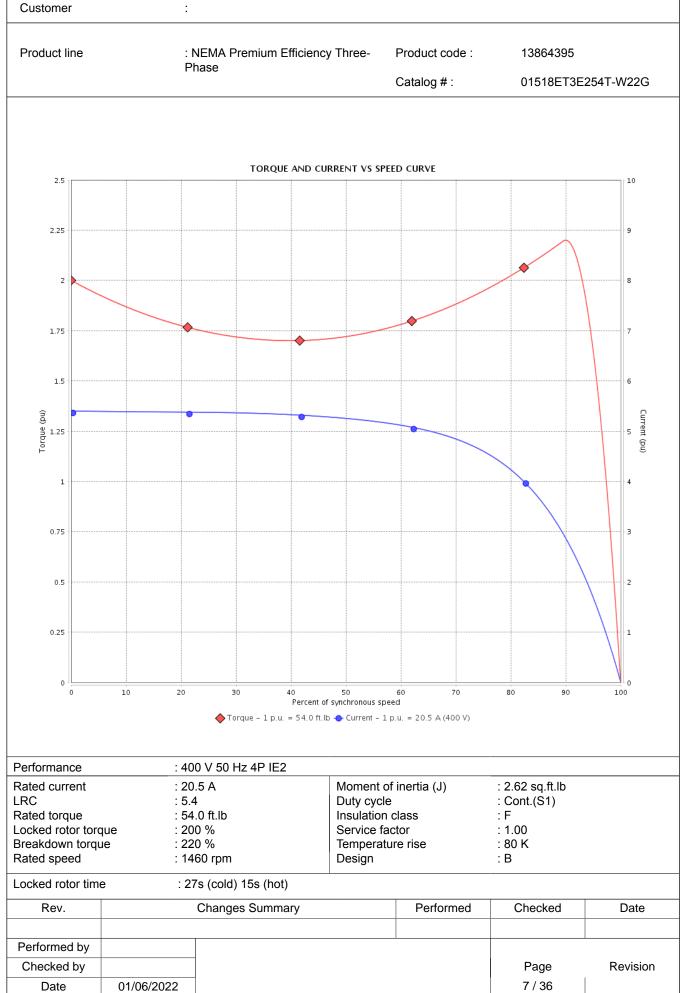
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



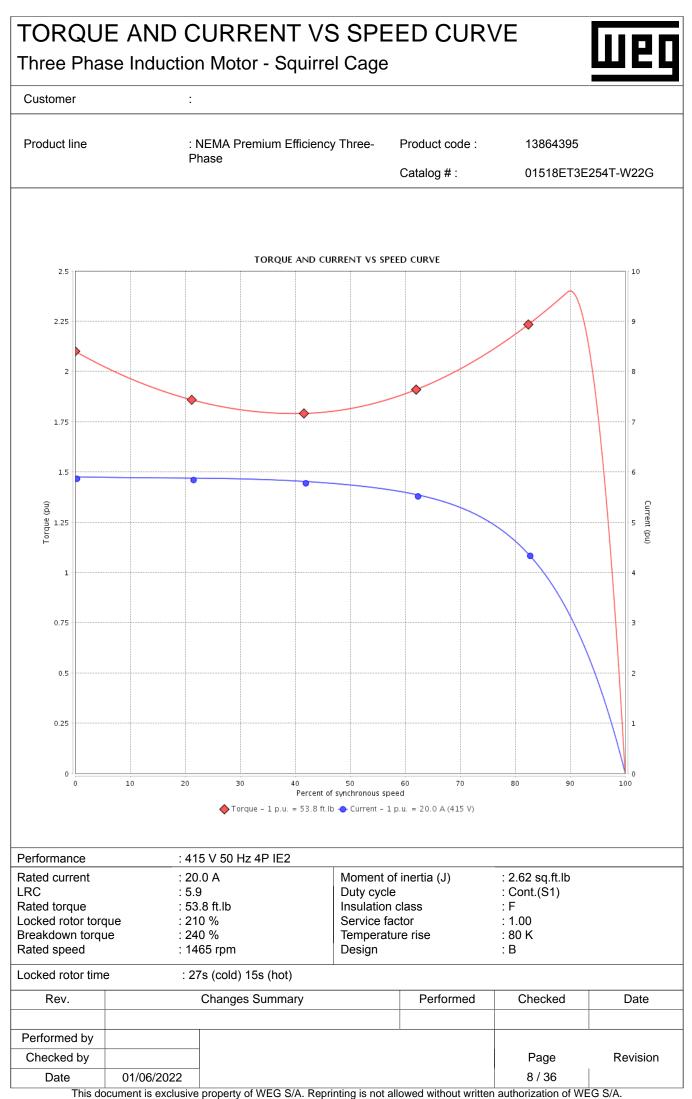
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage





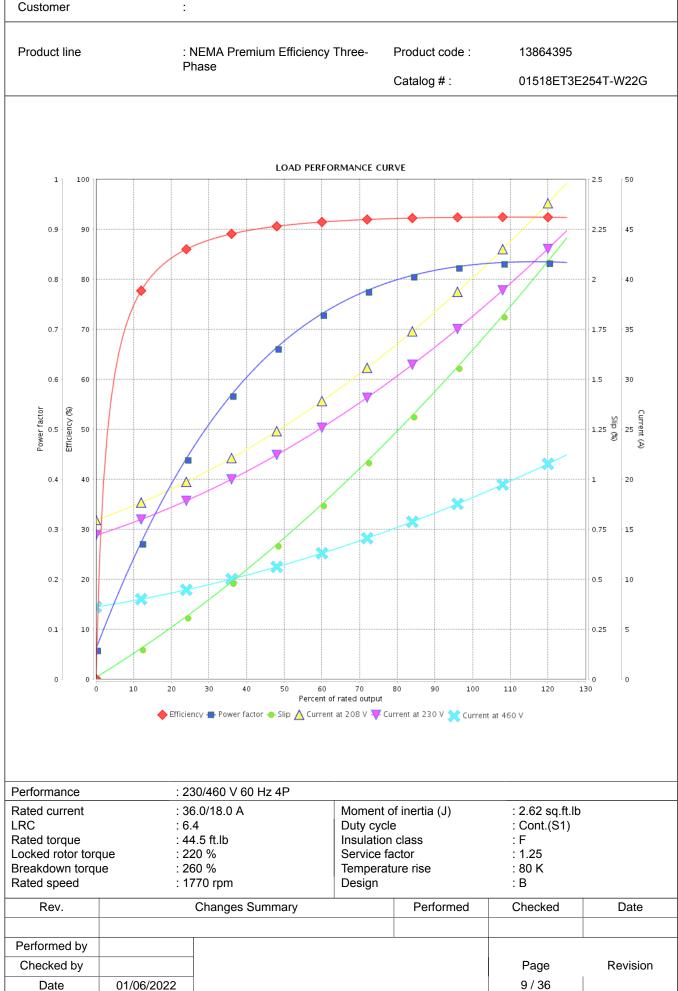
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



Subject to change without notice

Three Phase Induction Motor - Squirrel Cage

Customer



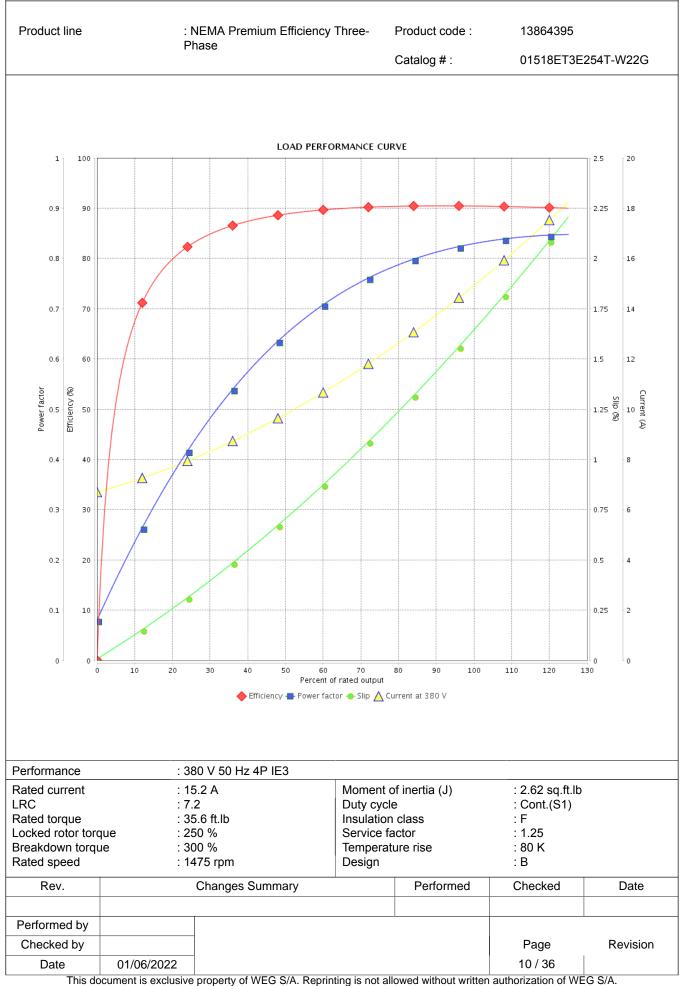
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:

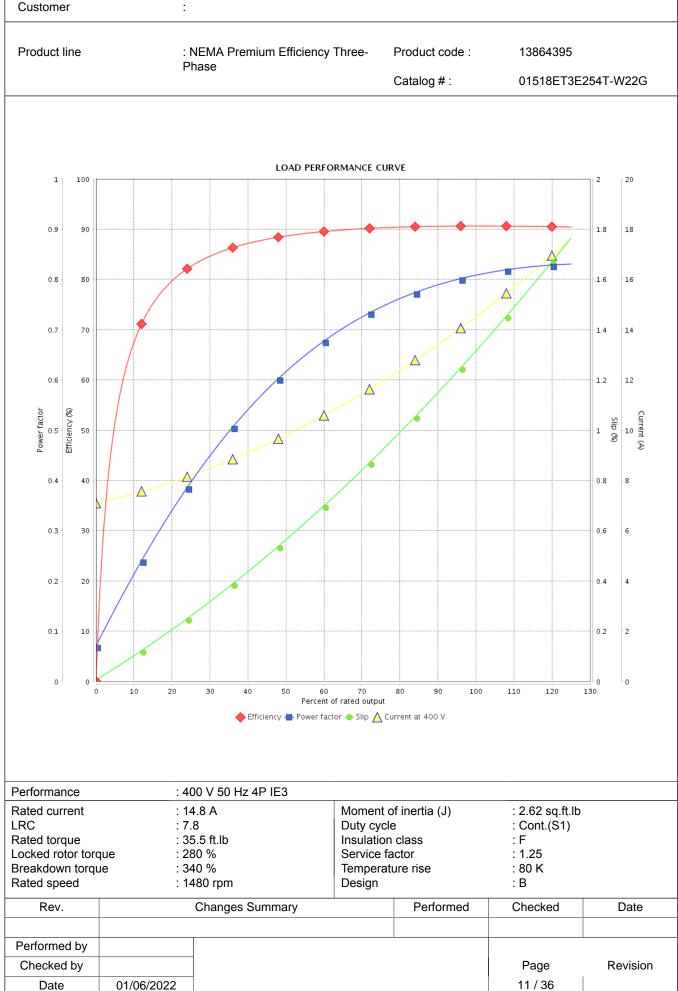


Customer



Three Phase Induction Motor - Squirrel Cage

Customer



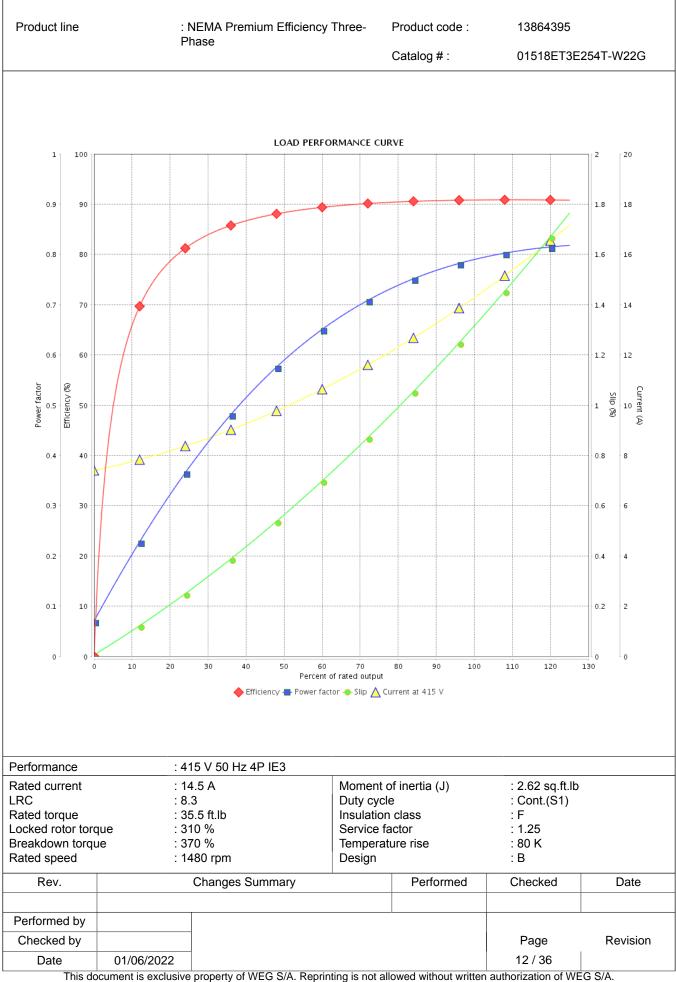
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:

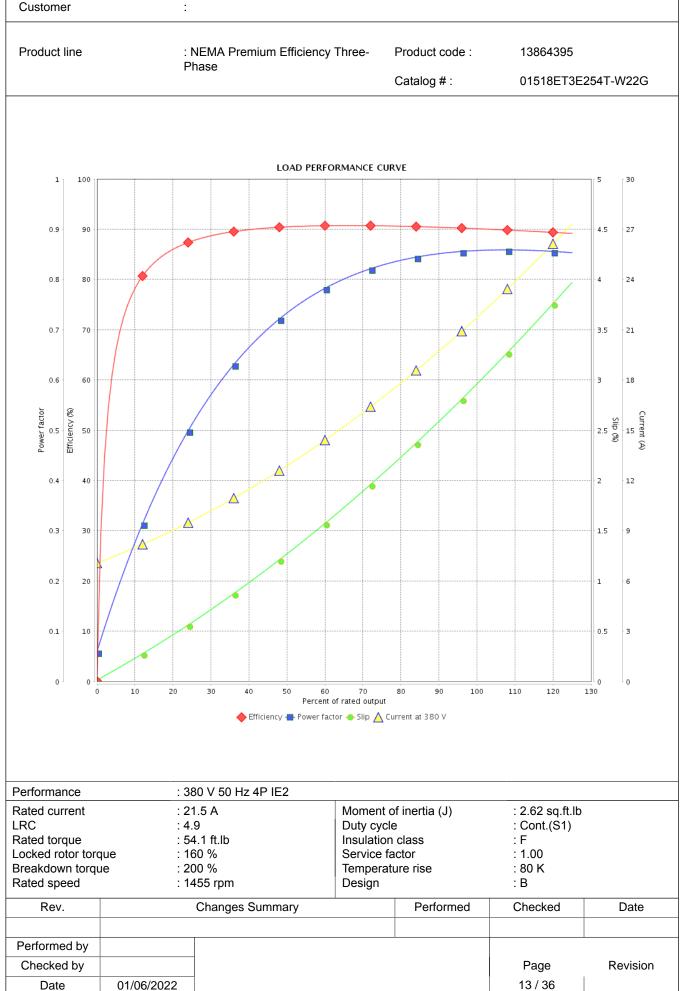


Customer



Three Phase Induction Motor - Squirrel Cage

Customer



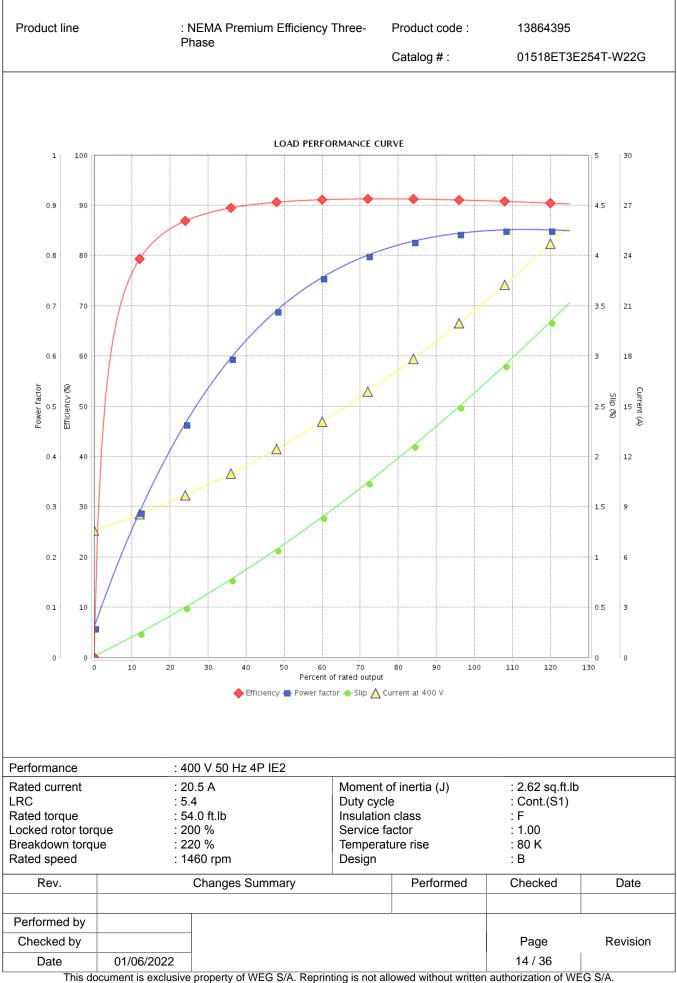
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:

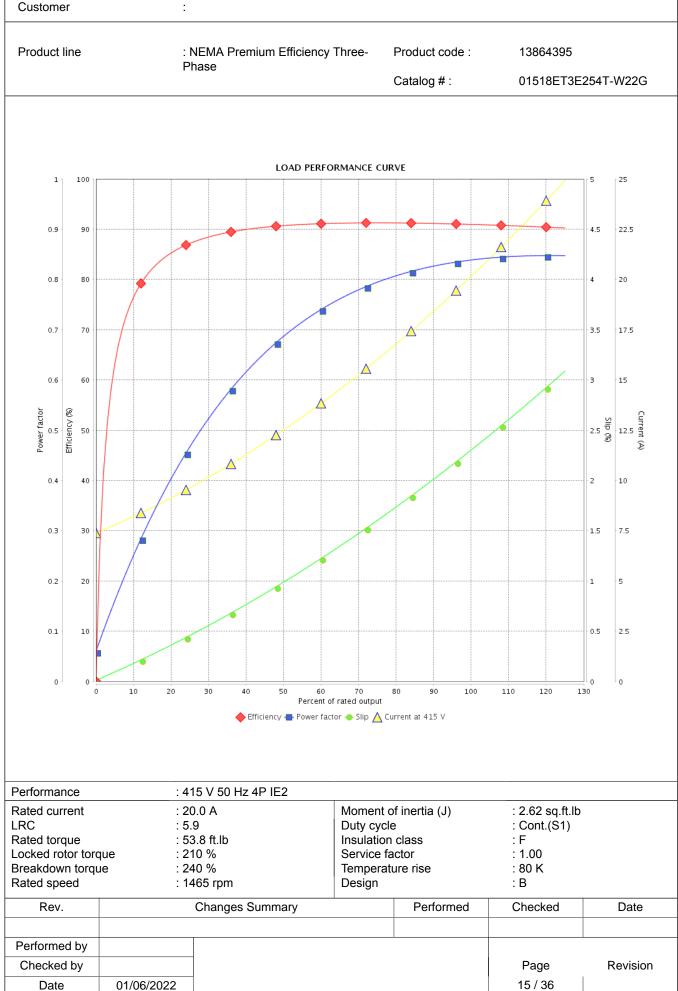


Customer



Three Phase Induction Motor - Squirrel Cage

Customer



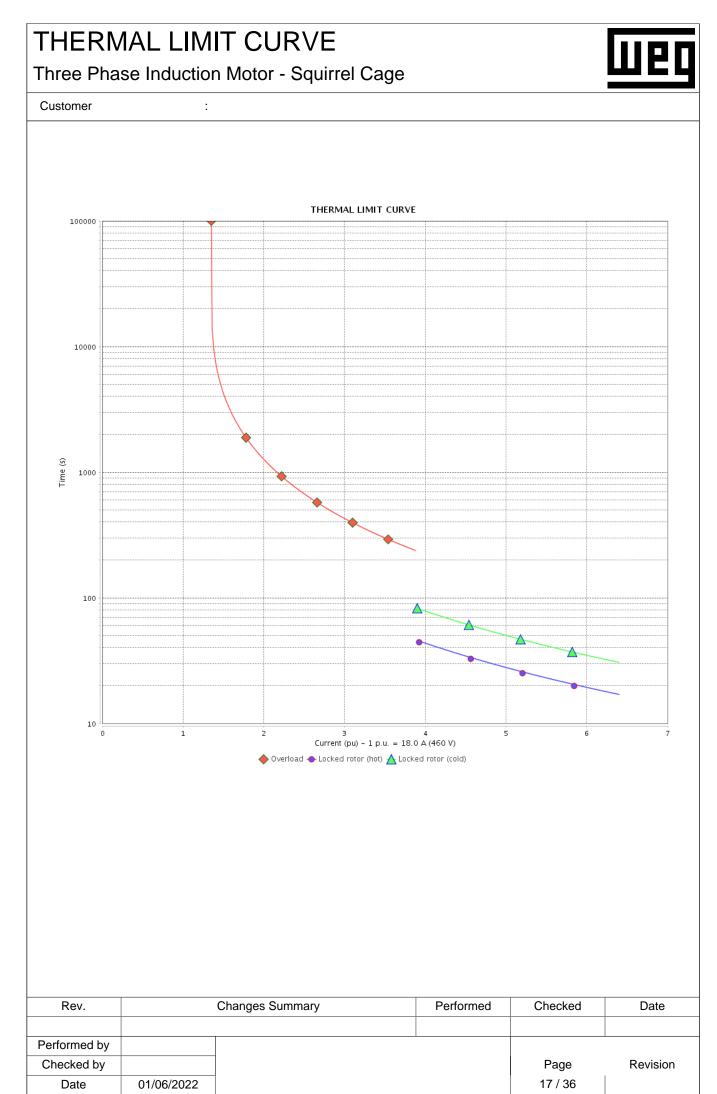
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

THERMAL LIMIT CURVE						
Three Pha	se Inductio	n Motor - Squirrel	Cage			
Customer	:					
Product line		NEMA Premium Efficiency	Three-	Product code :	13864395	
				Catalog # :	01518ET3E2	54T-W22G
Performance		30/460 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	: 6 : 4 que : 2 ue : 2 : 1	6.0/18.0 A .4 4.5 ft.lb 20 % 60 % 770 rpm	Moment c Duty cycle Insulation Service fa Temperate Design	class ictor	: 2.62 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant						
Cooling constant Rev.	L	Changes Summary		Performed	Checked	Date
		· ·				
Performed by					· · · ·	
Checked by					Page	Revision

16 / 36

Date

01/06/2022

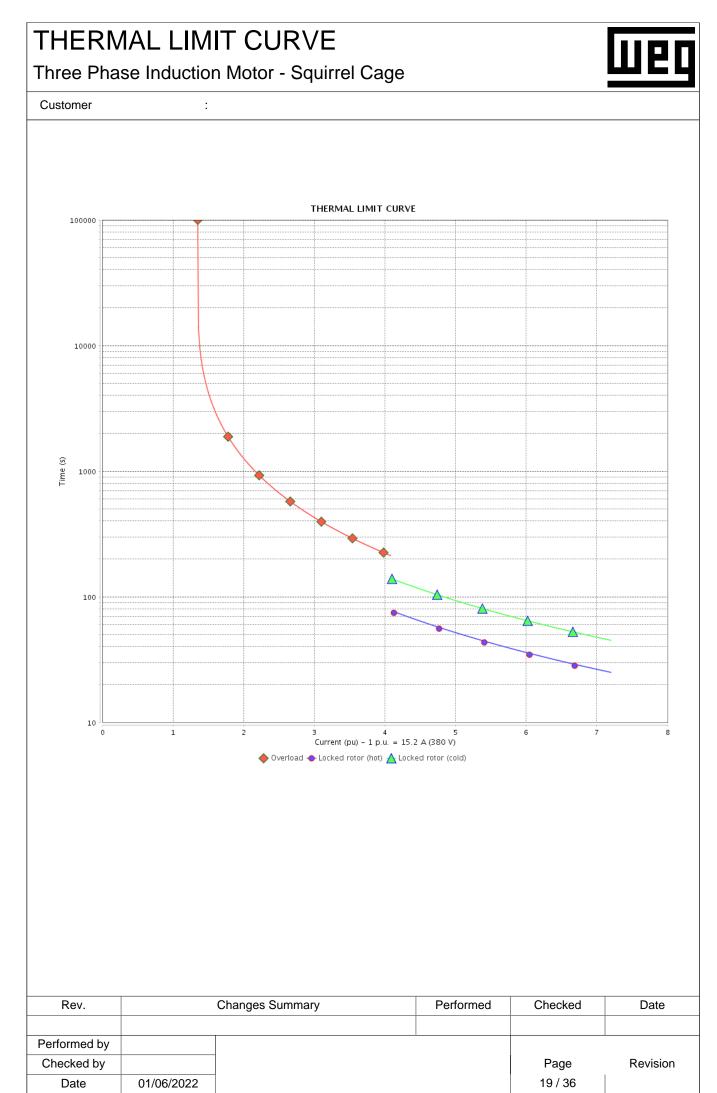


THERM	1AL LIM	IT CURVE				шед
Three Pha	se Inductio	n Motor - Squirrel	Cage			
Customer	:					
Product line		NEMA Premium Efficiency ⁻ Phase	Three-	Product code :	13864395	
	F	mase		Catalog # :	01518ET3E2	54T-W22G
Performance		880 V 50 Hz 4P IE3	Momente	finantia (1)		
Rated current: 15.2 ALRC: 7.2Rated torque: 35.6 ft.lbLocked rotor torque: 250 %Breakdown torque: 300 %Rated speed: 1475 rpm		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 2.62 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constan	t					
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by				<u>I</u>		
Checked by					Page	Revision

18 / 36

Date

01/06/2022

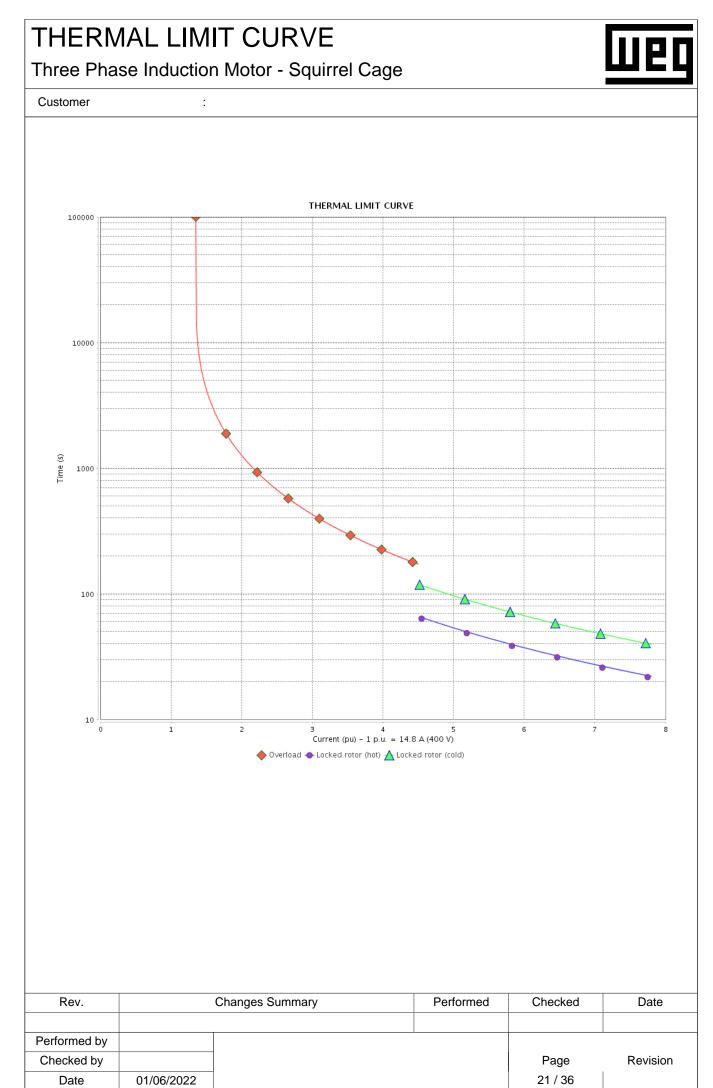


THERM	1AL LIM	IT CURVE				шео
Three Pha	se Inductio	n Motor - Squirrel	Cage			шсч
Customer	:					
Product line		NEMA Premium Efficiency [·] hase		Product code : Catalog # :	13864395 01518ET3E2	254T-W22G
					0101021022	.041-00220
D (
Performance Rated current		00 V 50 Hz 4P IE3 4.8 A	Moment o	f inertia (J)	: 2.62 sq.ft.lb	
LRC Rated torque Locked rotor torque Breakdown torque		: 7.8 Dut : 35.5 ft.lb Ins : 280 % Set		class ctor ure rise	: Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant	t					
Cooling constant	t	Changes Summers		Dorform - d	Chaskad	Data
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision

20/36

Date

01/06/2022

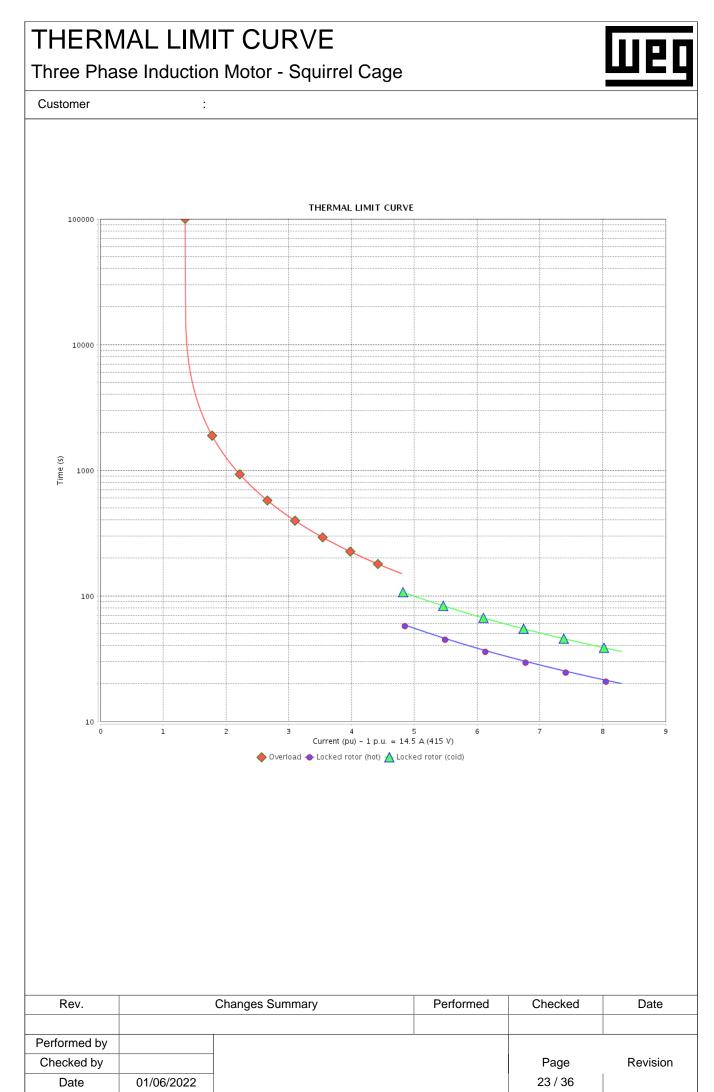


THERM	1AL LIM	IT CURVE				шед
Three Pha	se Inductio	n Motor - Squirrel	Cage			
Customer	:					
Product line		NEMA Premium Efficiency		Product code : Catalog # :	13864395 01518ET3E2	
					0101021322	
Performance	: 4	15 V 50 Hz 4P IE3				
Rated current LRC	: 1 : 8	4.5 A	Moment of Duty cycle	f inertia (J)	: 2.62 sq.ft.lb : Cont.(S1)	
Rated torque Locked rotor torc	: 3	5.5 ft.lb 10 %	Insulation Service fa	class	: F : 1.25	
Breakdown torqu Rated speed	ie : 3	70 %	Temperatu		: 80 K : B	
Heating constant		480 rpm	Design			
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by Checked by		-			Daga	Revision
Checked DV		1			Page	REVISION

22/36

Date

01/06/2022

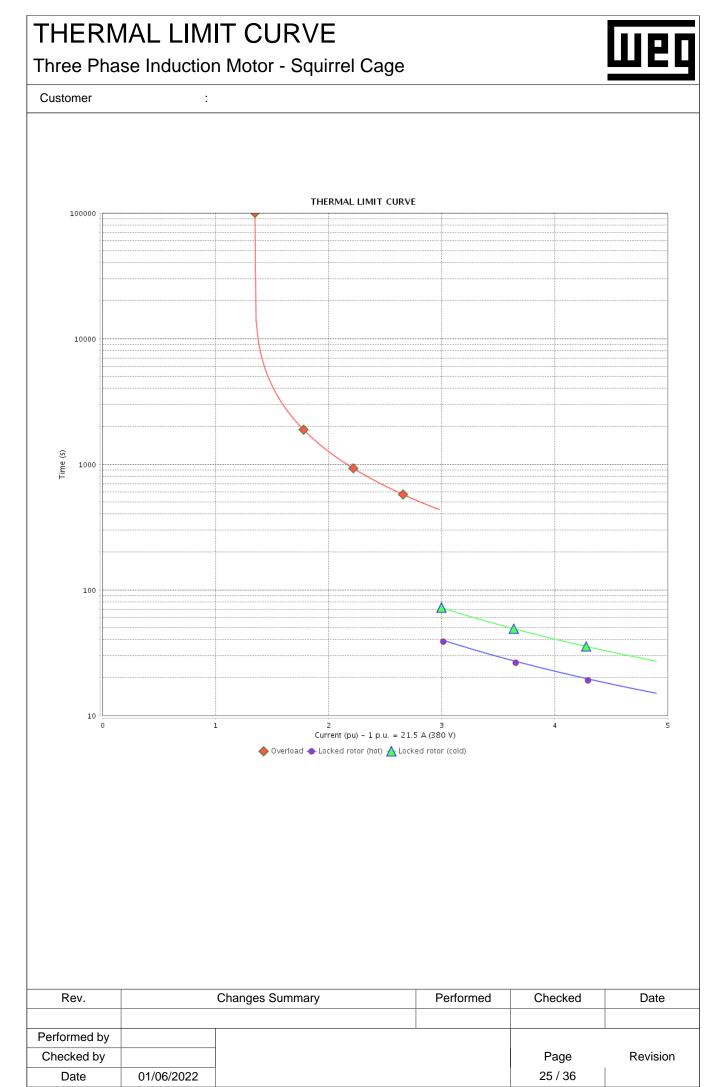


THERM	1AL LIM	IT CURVE				шед
Three Pha	se Inductio	n Motor - Squirrel	Cage			
Customer	:					
Product line		NEMA Premium Efficiency hase		Product code :	13864395	
				Catalog # :	01518ET3E2	54T-W22G
Derfermense						
Performance Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 2 : 4 : 5 gue : 1 Je : 2 : 1	80 V 50 Hz 4P IE2 1.5 A .9 4.1 ft.lb 60 % 00 % 455 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 2.62 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constant						
Rev.	- 	Changes Summary		Performed	Checked	Date
Performed by Checked by		_			Page	Revision
Unecked by		1		1	Page	REVISIÓN

24 / 36

Date

01/06/2022

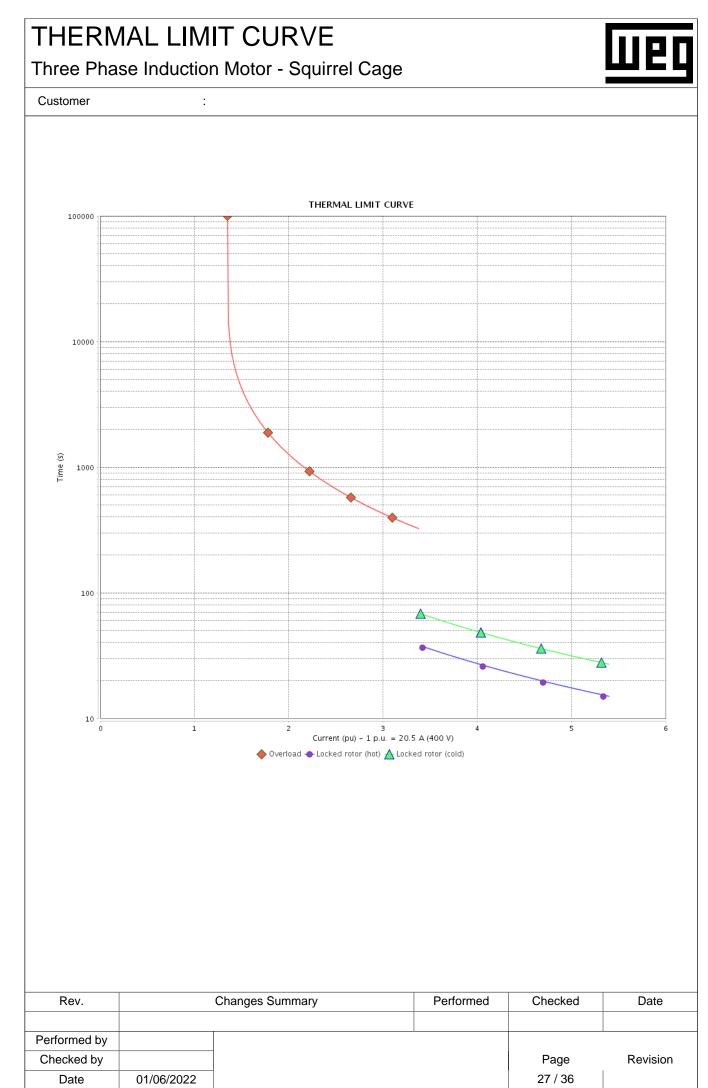


THERM	1AL LIMIT CU	JRVE			шед
Three Pha	se Induction Moto	r - Squirrel Cage)		шсц
Customer	:				
Product line	: NEMA Pre Phase	mium Efficiency Three-	Product code :	13864395	
			Catalog # :	01518ET3E2	:54T-W22G
Performance	: 400 V 50 Hz		t of inputio (1)		
Rated current LRC Rated torque Locked rotor toro Breakdown torqu	ie : 220 %	Duty cy Insulati Service Temper	on class factor rature rise	: 2.62 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Rated speed	: 1460 rpm	Design		. U	
Heating constant					
Cooling constant Rev.		Summary	Performed	Checked	Date
				2	
Performed by					
Checked by				Page	Revision

26 / 36

Date

01/06/2022

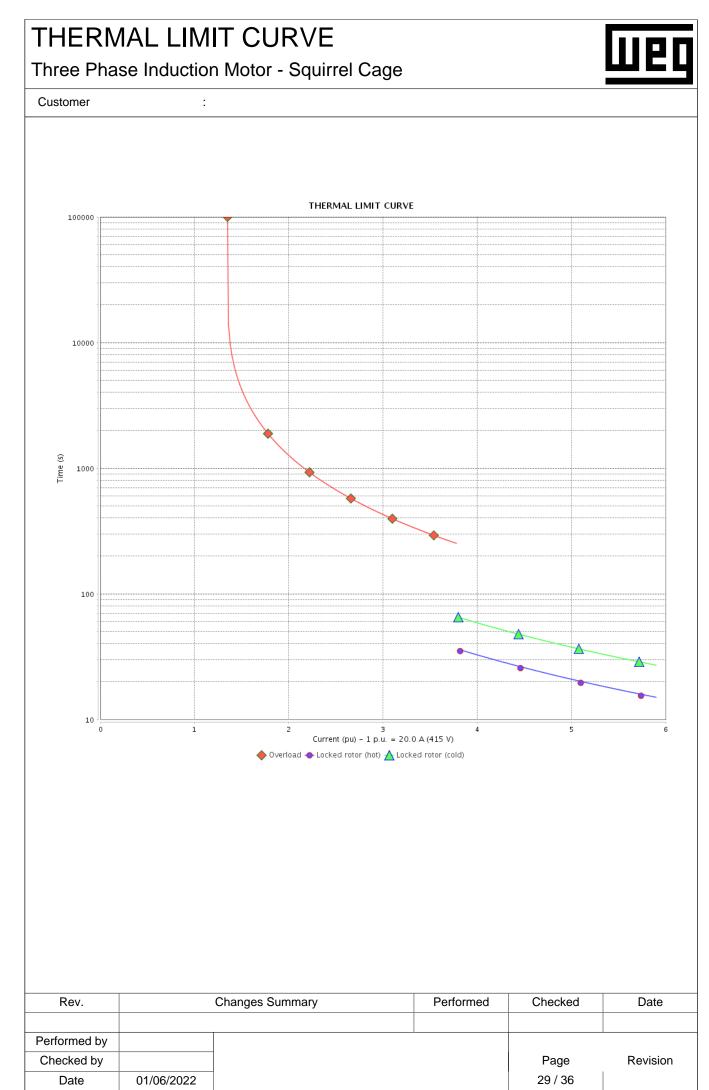


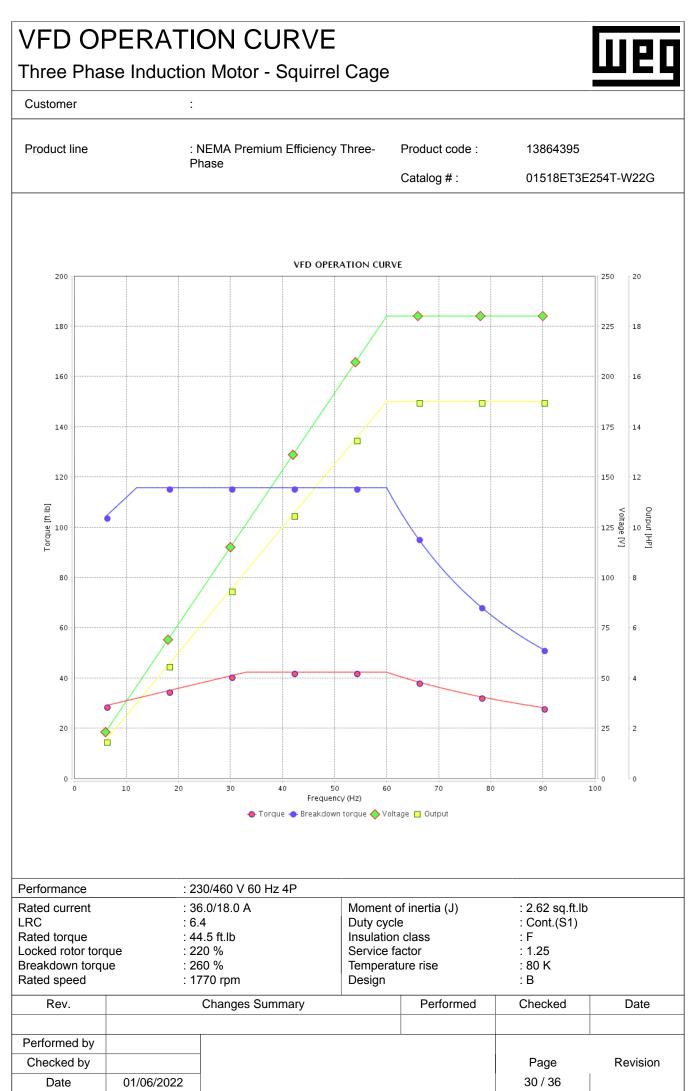
THERM	1AL LIM	IT CURVE				шед
Three Pha	se Inductio	n Motor - Squirrel	Cage			шсц
Customer	:					
Product line		NEMA Premium Efficiency T	Three-	Product code :	13864395	
				Catalog # :	01518ET3E2	54T-W22G
Performance		15 V 50 Hz 4P IE2	N4	6 · () .		
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 5 : 5 jue : 2 ie : 2	0.0 A .9 3.8 ft.lb 10 % 40 % 465 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 2.62 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constant						
Cooling constant Rev.	<u> </u>	Changes Summary		Performed	Checked	Date
						2410
Performed by Checked by		-			Page	Revision

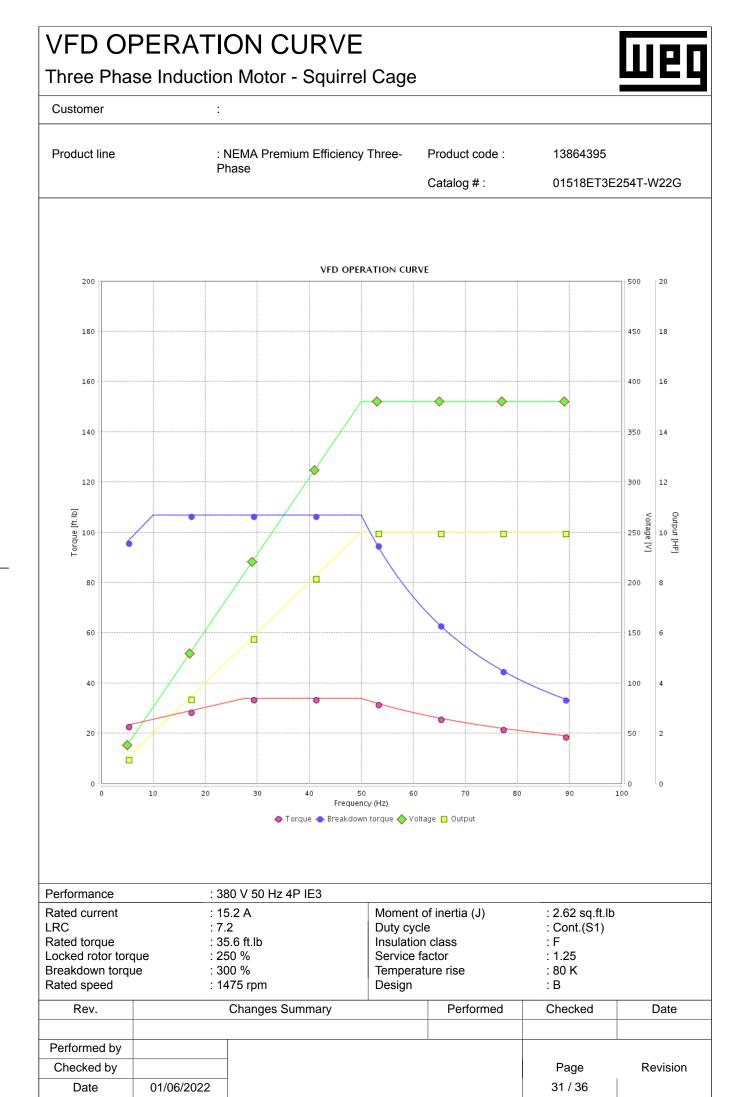
28 / 36

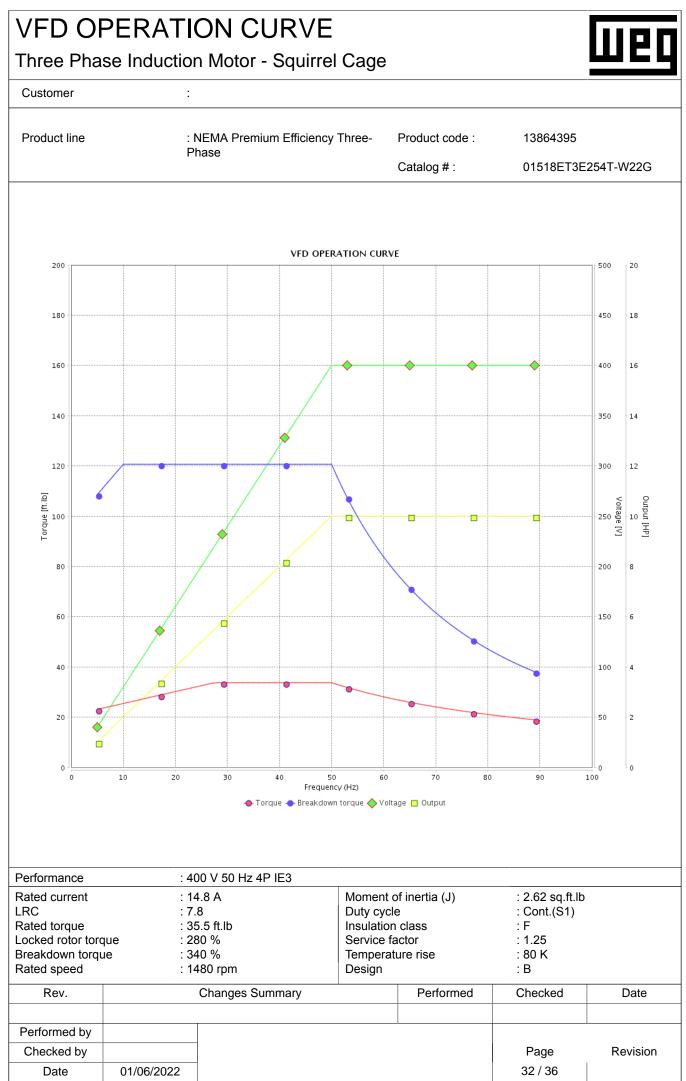
Date

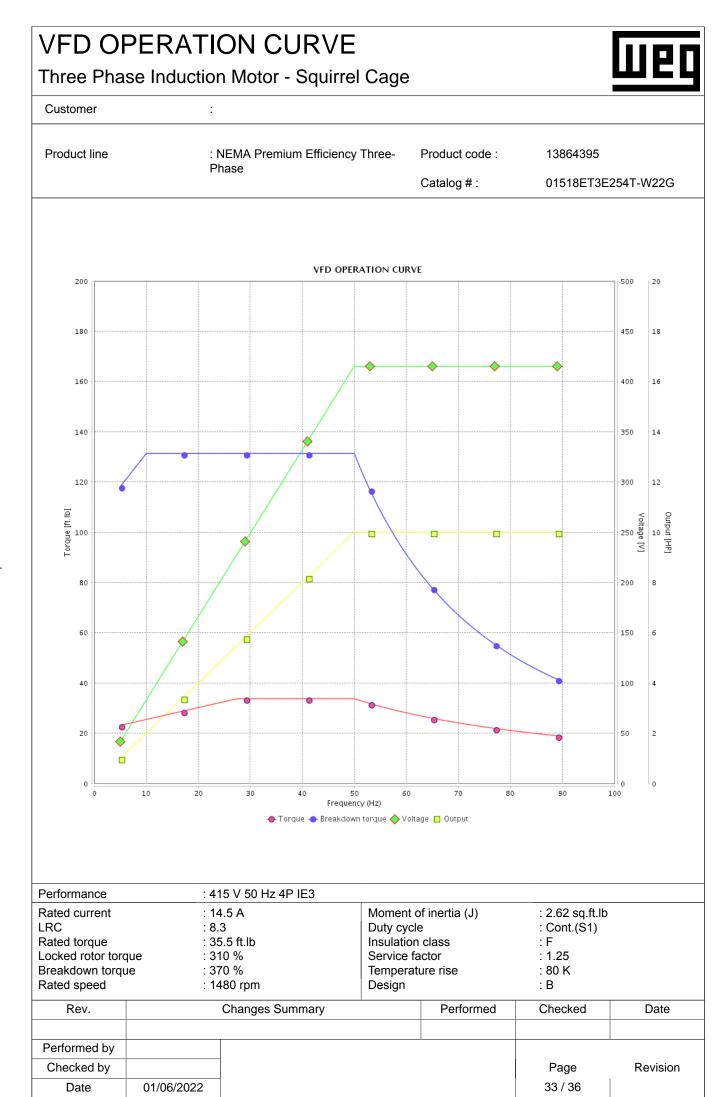
01/06/2022

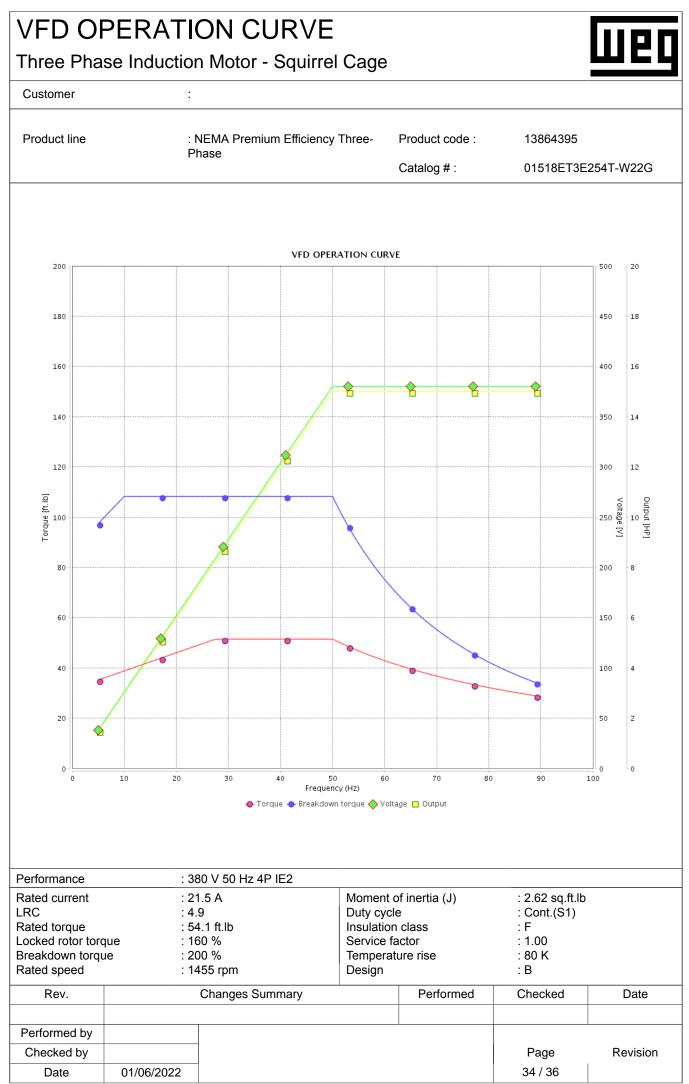


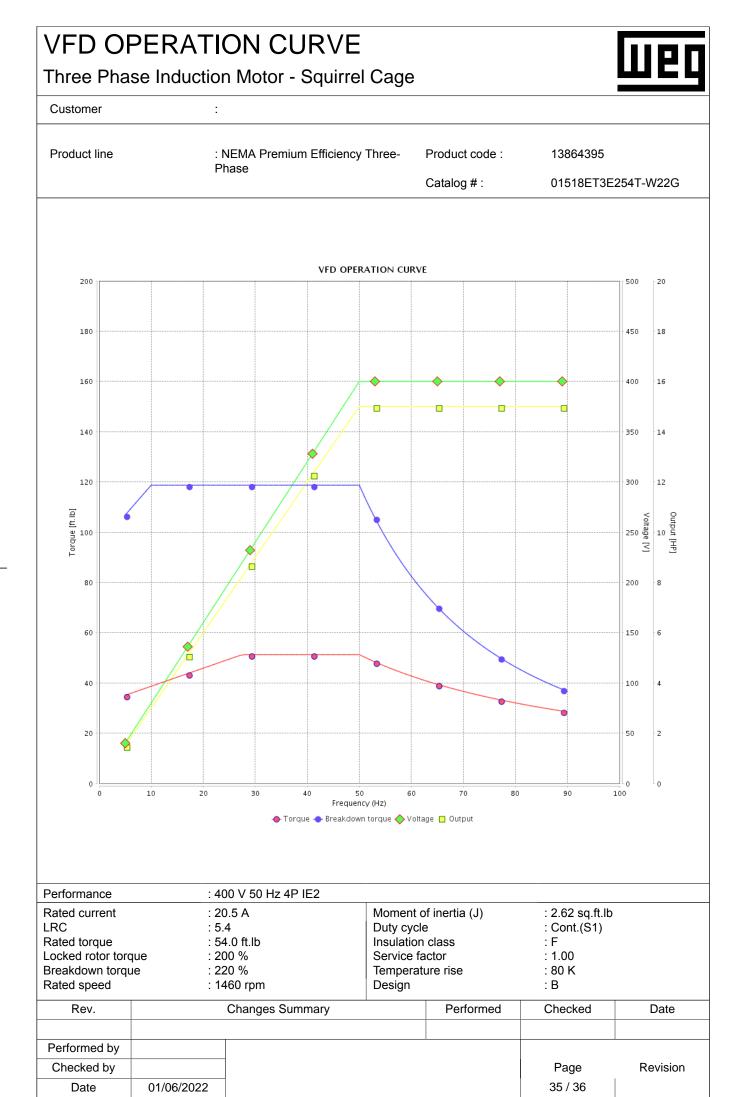


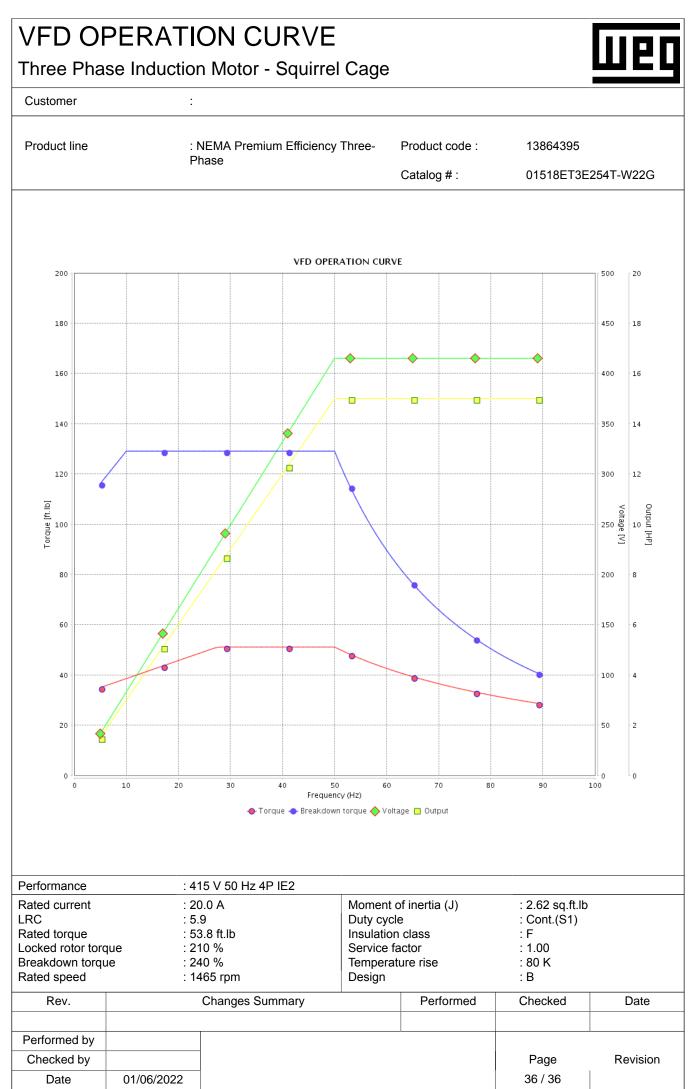


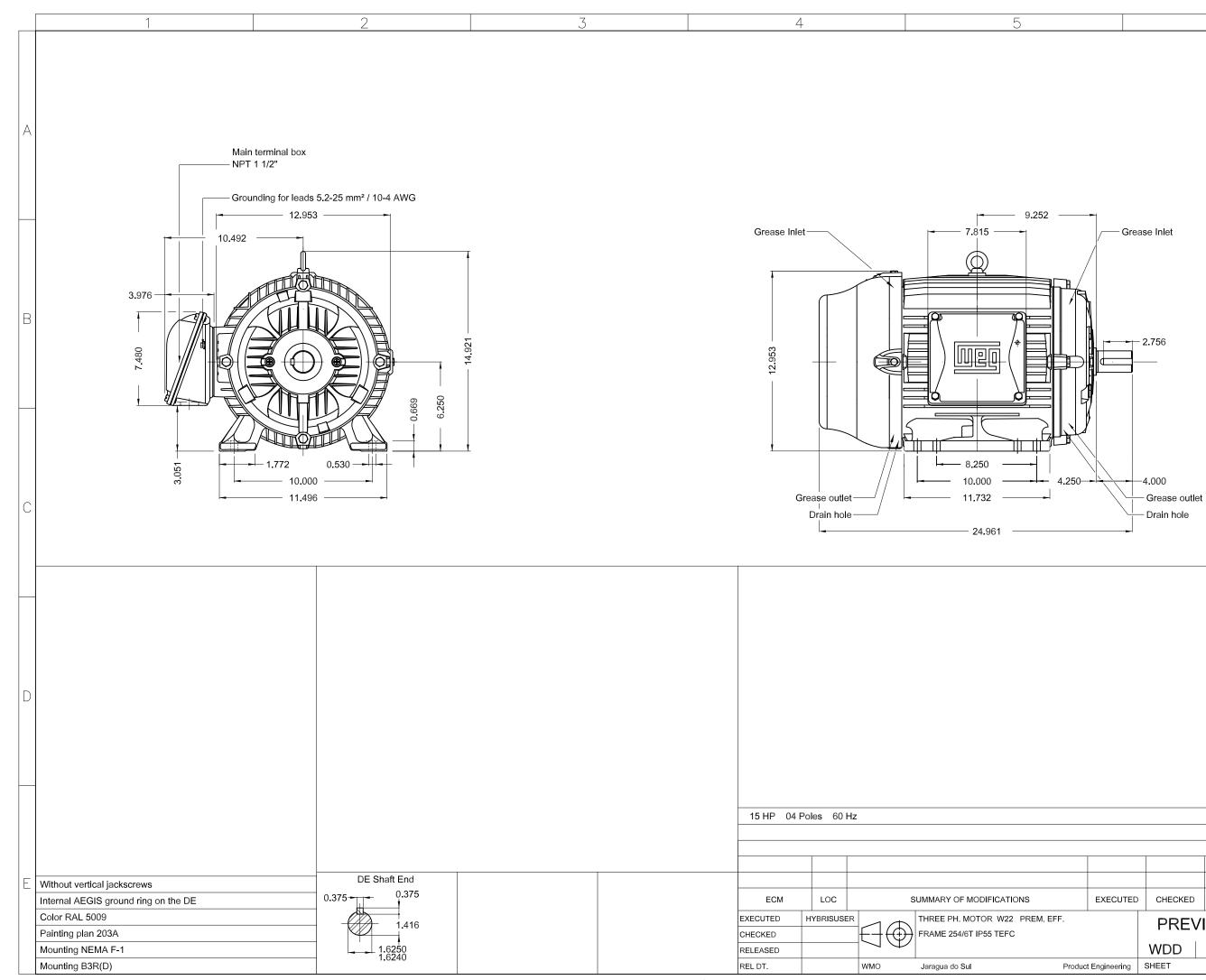












WEG's property. Forbidden reproduction without previous authorization.

NS	EXECUTED	CHECKED	RELEASED	DATE	VER	
PREM. EFF.						
		WDD		ШЕ	Q.	A3
Produc	t Engineering	SHEET	1 / 1			XME

6

isions in inches Dime

А



Inverter Duty Motor Severe Duty 60Hz: For use on PWM: VT 1000:1, CT 20:1, 1.00SF Mod.TE1BF0X0N

BRAZIL 395 J11 ₀112 JT10 J11 0112 016 JT10 Fr. 254/6T 60Hz 1000m.a.s.l. IP55 TEFC 293lb PH3 ₹5 719 LT4 ार्ड हाह 014 17 Y18 **N18** 3864 V 230/460 A 36.0/18.0 Z Jτ2 ۲<u>1</u>3 - η <u>ът2</u> ~13 ৵ HP 15 kW 11 ΔΔ Ľ2 Δ MADE 208-230V 380//460V -SF 1.25 SFA 45.0/22.5 → 6309-C3 (13q) 1768 0.83 RPM PF - 6209-C3 (9g) AMB 40°C INS cl. F DT80K NEWA NOM EFF 92.4% DUTY CONT. DES B Code G MOBIL POLYREX EM (20000h) R USABLE @208V 39.8A SF 1.15 SFA 45.8 (IE2) 15HP 11kW 50Hz 380V 21.5A 1455RPM SF 1.00 EFF 90.2%