DATA SHEET

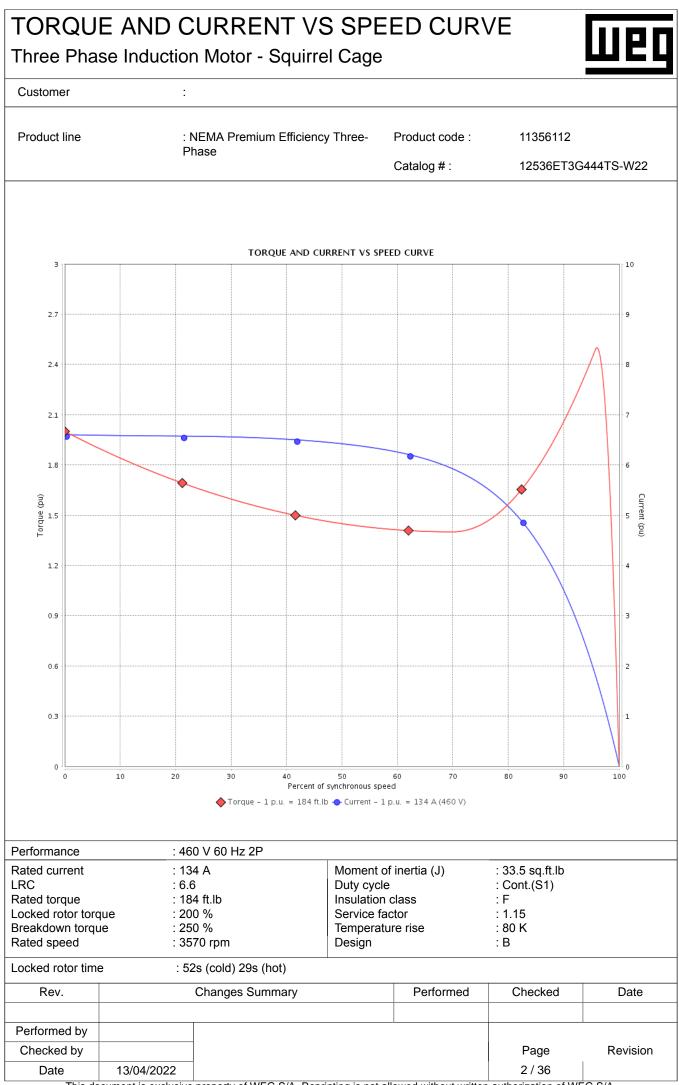
Three Phase Induction Motor - Squirrel Cage

:

Customer

Power Factor	%]] 	Phase : 444/5TS : F : Cont.(S1) : -20°C to + : 1000 m.a.s : IP55 : B 125 2 60 460 134 884 6.6x(Code G) 34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0 02.6		N R S A	Aountii Rotatio Starting Approx Aomen 0 0 0 0 0 8 9 0 0 0 0 0 7 0 0 0 7 0 0 0 7 0 0 0 0 7 0 0 0 7 0 0 0 7 0 0 0 7 0 0 0 7 0 0 0 7 7 0 0 0 7 7 0 7	n ¹ g method . weight ³ it of inertia (J) <u>100</u> 2 50 415 124 955 7.7x(Code H) <u>37.9</u> 2975 0.83 177 240 300 1.00 80 K	125 2 50 380 163 848	2536ET3G444 C411 - TEFC F-1 Both (CW and Direct On Line 1630 lb 33.5 sq.ft.lb 125 2 50 400 154 878 5.7x(Code E) 36.0 2965 1.17 221 170 220 1.00	CCW) 125 2 50 415 148 918 6.2x(Code 37.9 2970 1.00 221 190 240
Insulation class Duty cycle Ambient temperature Altitude Protection degree Design Output [HP] Poles Frequency [Hz] Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A] Rated speed [RPM] Slip [%] Rated torque [ft.lb] Locked rotor torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Bearing type Sealing Lubrication interval Lubricant amount	%]] 	: F : Cont.(S1) : -20°C to + : 1000 m.a.s : IP55 : B 125 2 60 460 134 884 6.6x(Code G) 34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	s.l. 100 2 50 380 135 878 6.5x(Code G) 33.6 2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	M R S A N 100 2 500 400 128 9009 7.1x(C G) 36.1 297 1.00 36.1 297 1.00 36.1 280 1.00 36s (c 20s (fr	Aountii Rotatio Starting Approx Aomen 0 0 0 0 0 8 9 0 0 0 0 0 7 0 0 0 7 0 0 0 7 0 0 0 0 7 0 0 0 7 0 0 0 7 0 0 0 7 0 0 0 7 0 0 0 7 7 0 0 0 7 7 0 7	ng n ¹ g method . weight ³ it of inertia (J) <u>100</u> 2 50 415 124 955 7.7x(Code H) <u>37.9</u> 2975 0.83 177 240 300 1.00 80 K	: F : E : E : C : 1 : 3 : 3 : 3 : 3 : 3 : 3 : 3 : 3 : 3 : 3	1 Both (CW and Direct On Line 1630 lb 33.5 sq.ft.lb 125 2 50 400 154 878 5.7x(Code E) 36.0 2965 1.17 221 170 220	125 2 50 415 148 918 6.2x(Code 37.9 2970 1.00 221 190 240
Output [HP] Poles Frequency [Hz] Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A] Rated speed [RPM] Slip [%] Rated torque [ft.lb] Locked rotor torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	125 2 60 460 134 884 6.6x(Code G) 34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	2 50 380 135 878 6.5x(Code G) 33.6 2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	2 50 400 7.1x(C G) 36.1 297 1.00 177 210 280 1.00 801 36s (c 20s (h	0 0 8 9 Code) .0 70 10 7 0 0 0 0 K	2 50 415 124 955 7.7x(Code H) 37.9 2975 0.83 177 240 300 1.00 80 K	2 50 380 163 848 5.2x(Code D) 33.6 2960 1.33 222 160 200 1.00	2 50 400 154 878)5.7x(Code E) 36.0 2965 1.17 221 170 220	2 50 415 148 918 6.2x(Code 37.9 2970 1.00 221 190 240
Poles Frequency [Hz] Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A] Rated speed [RPM] Slip [%] Rated torque [ft.lb] Locked rotor torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	2 60 460 134 884 6.6x(Code G) 34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	2 50 380 135 878 6.5x(Code G) 33.6 2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	2 50 400 7.1x(C G) 36.1 297 1.00 177 210 280 1.00 801 36s (c 20s (h	0 0 8 9 Code) .0 70 10 7 0 0 0 0 K	2 50 415 124 955 7.7x(Code H) 37.9 2975 0.83 177 240 300 1.00 80 K	2 50 380 163 848 5.2x(Code D) 33.6 2960 1.33 222 160 200 1.00	2 50 400 154 878)5.7x(Code E) 36.0 2965 1.17 221 170 220	2 50 415 148 918 6.2x(Code 37.9 2970 1.00 221 190 240
Frequency [Hz] Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A] Rated speed [RPM] Slip [%] Rated torque [ft.lb] Locked rotor torque [%] Breakdown torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	60 460 134 884 6.6x(Code G) 34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	50 380 135 878 6.5x(Code G) 33.6 2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	50 400 128 909 7.1x(C G) 36.1 297 1.00 177 210 280 1.00 801 36s (c 20s (h	0 0 8 9 Code) .0 70 10 70 10 7 0 0 0 K	50 415 124 955 7.7x(Code H) 37.9 2975 0.83 177 240 300 1.00 80 K	50 380 163 848 5.2x(Code D) 33.6 2960 1.33 222 160 200 1.00	50 400 154 878 5.7x(Code E) 36.0 2965 1.17 221 170 220	50 415 148 918 6.2x(Code 37.9 2970 1.00 221 190 240
Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A] Rated speed [RPM] Slip [%] Rated torque [ft.lb] Locked rotor torque [%] Breakdown torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	460 134 884 6.6x(Code G) 34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	380 135 878 6.5x(Code G) 33.6 2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	400 128 909 7.1x(C G) 36.1 297 1.00 177 210 280 1.00 801 36s (c 20s (h	0 8 9 9 Code) .0 70 0 7 0 0 0 0 K	415 124 955 7.7x(Code H) 37.9 2975 0.83 177 240 300 1.00 80 K	380 163 848 5.2x(Code D) 33.6 2960 1.33 222 160 200 1.00	400 154 878)5.7x(Code E) 36.0 2965 1.17 221 170 220	415 148 918 6.2x(Code 37.9 2970 1.00 221 190 240
Rated current [A] R. Amperes [A] _RC [A] No load current [A] Rated speed [RPM] Slip [%] Rated torque [ft.lb] _ocked rotor torque [%] Breakdown torque [%] Service factor Temperature rise _ocked rotor time Noise level ² Efficiency (%)	25% 50%	134 884 6.6x(Code G) 34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	135 878 6.5x(Code G) 33.6 2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	128 909 7.1x(C G) 36.1 297 1.0 177 210 280 1.0 801 36s (c 20s (f	8 9 Code) .0 70 0 7 0 0 0 0 0 K	124 955 7.7x(Code H) 37.9 2975 0.83 177 240 300 1.00 80 K	163 848 5.2x(Code D) 33.6 2960 1.33 222 160 200 1.00	154 878 5.7x(Code E) 36.0 2965 1.17 221 170 220	148 918 6.2x(Code 37.9 2970 1.00 221 190 240
R. Amperes [A] RC [A] No load current [A] Rated speed [RPM] Slip [%] Rated torque [ft.lb] ocked rotor torque [%] Breakdown torque [%] Service factor Temperature rise ocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	884 6.6x(Code G) 34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	878 6.5x(Code G) 33.6 2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	909 7.1x(C G) 36. 297 1.0 177 210 280 1.0 801 36s (c 20s (f	9 Code) .0 70 00 7 00 00 00 K	955 7.7x(Code H) 37.9 2975 0.83 177 240 300 1.00 80 K	848 5.2x(Code D) 33.6 2960 1.33 222 160 200 1.00	878)5.7x(Code E) 36.0 2965 1.17 221 170 220	918 6.2x(Code 37.9 2970 1.00 221 190 240
RC [A] No load current [A] Rated speed [RPM] Slip [%] Rated torque [ft.lb] ocked rotor torque [%] Breakdown torque [%] Service factor Temperature rise ocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	6.6x(Code G) 34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	6.5x(Code G) 33.6 2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	7.1x(C G) 36. 297 1.0 177 210 280 1.0 801 36s (c 20s (f	Code Code 0 0 70 0 70 0 00 0 00 0 00 K	7.7x(Code H) 37.9 2975 0.83 177 240 300 1.00 80 K	5.2x(Code D) 33.6 2960 1.33 222 160 200 1.00	5.7x(Code E) 36.0 2965 1.17 221 170 220	6.2x(Code 37.9 2970 1.00 221 190 240
Rated speed [RPM] Slip [%] Rated torque [ft.lb] Locked rotor torque [%] Breakdown torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	34.0 3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	33.6 2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	36. 297 1.0 177 210 280 1.0 80 1.0 36s (c 20s (h	0 70 00 7 0 0 0 0 0 K	2975 0.83 177 240 300 1.00 80 K	2960 1.33 222 160 200 1.00	2965 1.17 221 170 220	2970 1.00 221 190 240
Rated speed [RPM] Slip [%] Rated torque [ft.lb] Locked rotor torque [%] Breakdown torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	3570 0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	2970 1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	297 1.0 210 280 1.0 80 36s (c 20s (f	70 00 7 0 0 0 00 K	2975 0.83 177 240 300 1.00 80 K	2960 1.33 222 160 200 1.00	2965 1.17 221 170 220	2970 1.00 221 190 240
Slip [%] Rated torque [ft.lb] Locked rotor torque [%] Breakdown torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	0.83 184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	1.00 177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	1.0 177 210 280 1.0 80 36s (c 20s (h	0 7 0 0 0 0 K	0.83 177 240 300 1.00 80 K	1.33 222 160 200 1.00	1.17 221 170 220	1.00 221 190 240
Rated torque [ft.lb] Locked rotor torque [%] Breakdown torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	184 200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	177 200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	177 21(28(1.0) 80 36s (c 20s (h	7 0 0 0 K	177 240 300 1.00 80 K	222 160 200 1.00	221 170 220	221 190 240
ocked rotor torque [%] Breakdown torque [%] Breakdown torque [%] Service factor Temperature rise ocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	200 250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	200 250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	210 280 1.0 80 1 36s (c 20s (h	0 0 10 K	240 300 1.00 80 K	160 200 1.00	170 220	190 240
Breakdown torque [%] Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	25% 50%	250 1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	250 1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	280 1.0 80 1 36s (c 20s (h	0 10 K	300 1.00 80 K	200 1.00	220	240
Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	 25% 50%	1.15 80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	1.00 80 K 36s (cold) 20s (hot) 77.0 dB(A)	1.0 80 36s (c 20s (f	0 K	1.00 80 K	1.00		
Temperature rise _ocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	50%	80 K 52s (cold) 29s (hot) 81.0 dB(A) 93.0	80 K 36s (cold) 20s (hot) 77.0 dB(A)	80 36s (c 20s (ł	K	80 K			1.00
Jocked rotor time Noise level ² Efficiency (%) Power Factor Bearing type Sealing Lubrication interval Lubricant amount	50%	52s (cold) 29s (hot) 81.0 dB(A) 93.0	36s (cold) 20s (hot) 77.0 dB(A)	36s (c 20s (ł			OU K	80 K	80 K
Efficiency (%)	50%	81.0 dB(A) 93.0	77.0 dB(A)			36s (cold) 20s (hot)	36s (cold) 20s (hot)	36s (cold) 20s (hot)	36s (cold) 20s (hot)
Power Factor Bearing type Sealing Lubrication interval Lubricant amount	50%	93.0	. ,		,	77.0 dB(A)	77.0 dB(Á)	77.0 dB(A)	77.0 dB(Á
Power Factor Bearing type Sealing Lubrication interval Lubricant amount	50%		02.1	92.	. ,	92.2	93.9	93.9	93.4
Power Factor Bearing type Sealing Lubrication interval Lubricant amount		93.6	93.2	93.	.2	92.8	94.0	94.0	94.0
Power Factor Bearing type Sealing Lubrication interval Lubricant amount	75%	94.5	94.3	94.	.3	94.3	94.5	94.5	94.5
Power Factor Bearing type Sealing Lubrication interval Lubricant amount	100%	95.0	94.7	94.		94.8	94.5	94.5	95.0
Bearing type Sealing Lubrication interval Lubricant amount	25%	0.59	0.57	0.5	64	0.51	0.64	0.62	0.59
Bearing type Sealing Lubrication interval Lubricant amount	50%	0.82	0.79	0.7	7	0.75	0.85	0.84	0.82
Bearing type Sealing Lubrication interval Lubricant amount	75%	0.87	0.87	0.8		0.85	0.88	0.88	0.87
Bearing type Sealing Lubrication interval Lubricant amount	100%	0.89	0.89	0.8		0.89	0.89	0.89	0.89
Sealing Lubrication interval Lubricant amount		Drive end				tion loads			
	Sealing : Lubrication interval : Lubricant amount :		3 6314 (WSea 4000 27 g I Polyrex EM	C3 Ma al Ma h	Max. traction : 598		98 lb 229 lb		
Notes									
This revision replaces must be eliminated. (1) Looking the motor (2) Measured at 1m a (3) Approximate weig manufacturing proces (4) At 100% of full loa	r from the and with f ght subjec ss.	e shaft end. tolerance of +3	3dB(A).	pc				on tests with si nces stipulated	
Rev.		Changes	Summary	I		Performe	d Che	ecked	Date
Performed by									
Checked by Date 1		2						age / 36	Revision

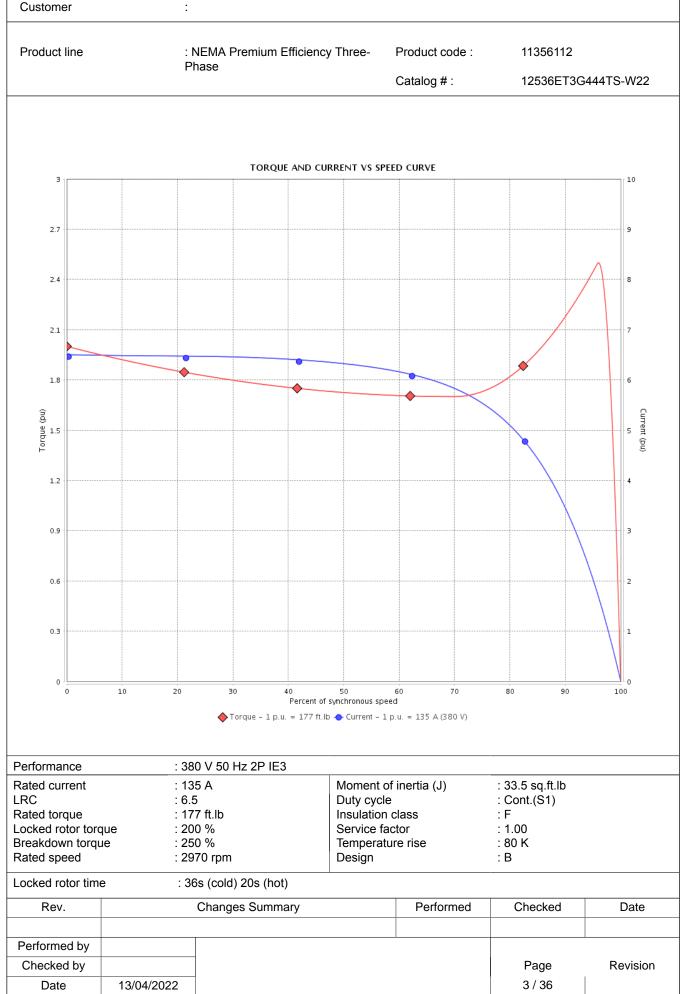
Шер



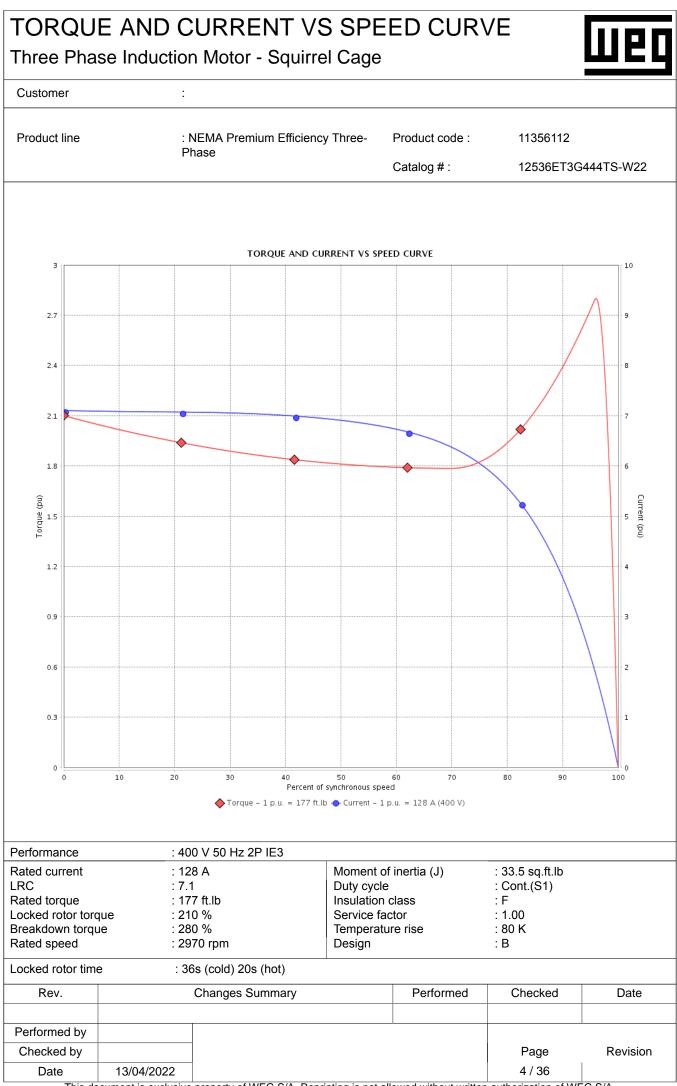
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



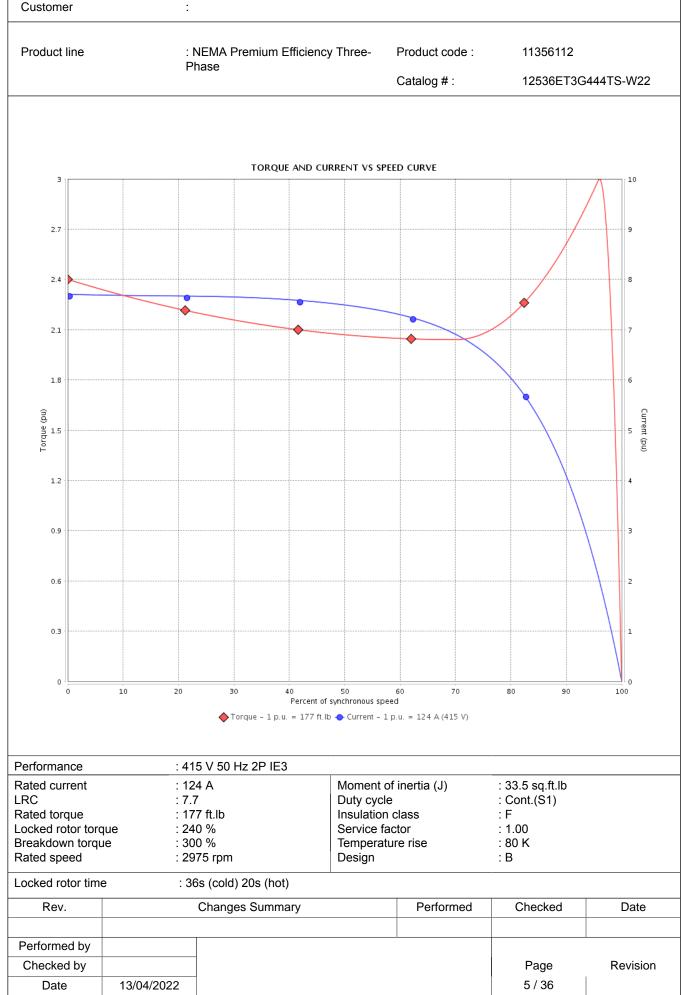
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



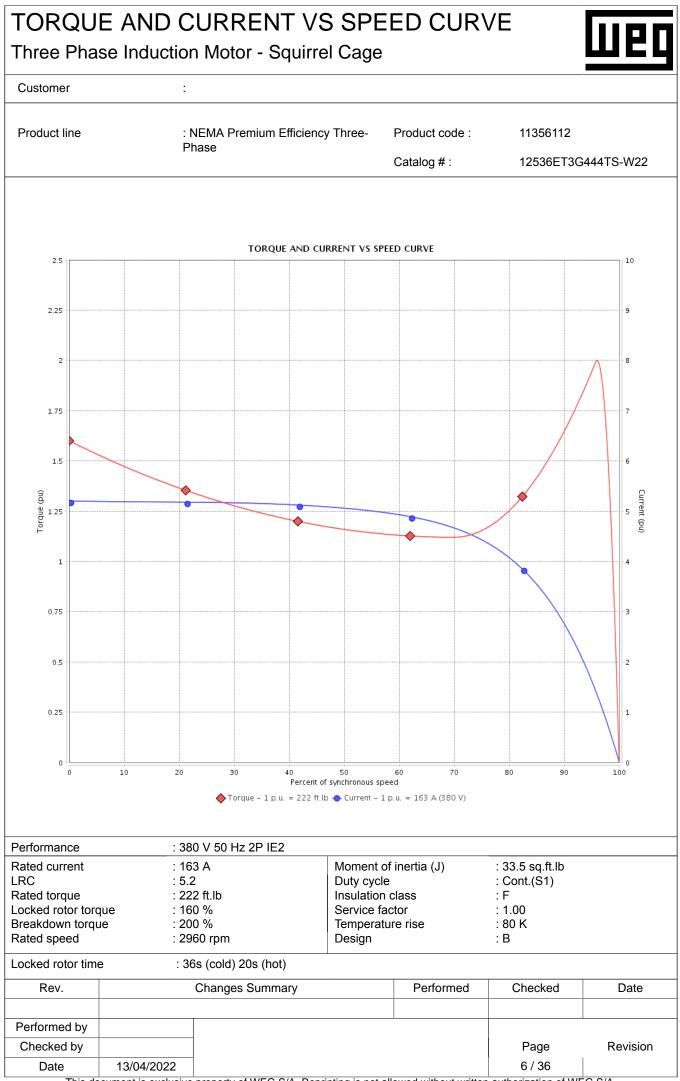
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



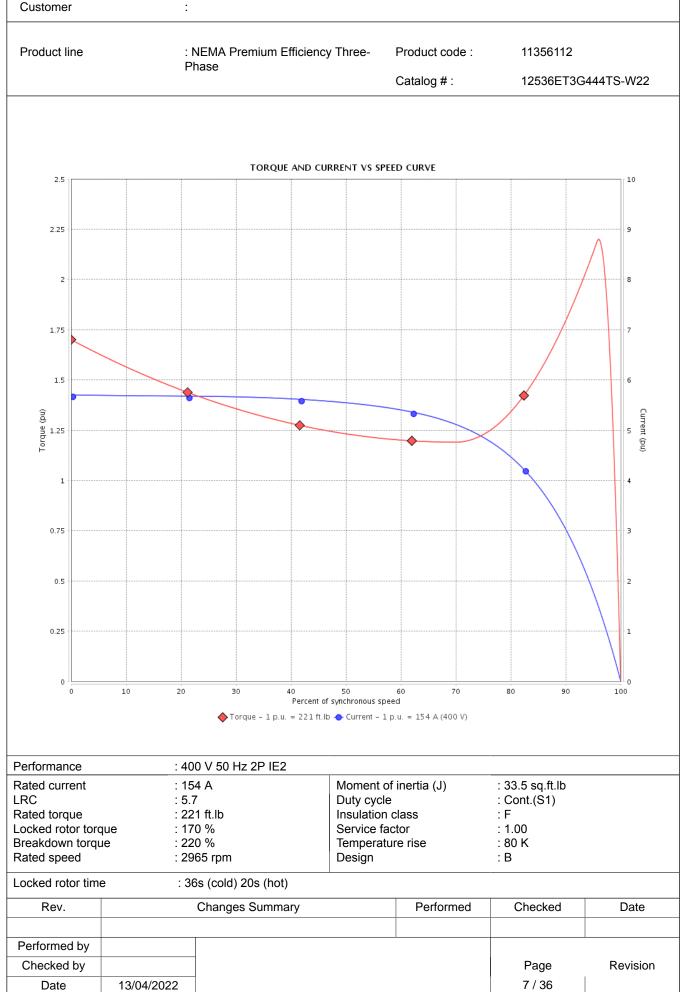
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



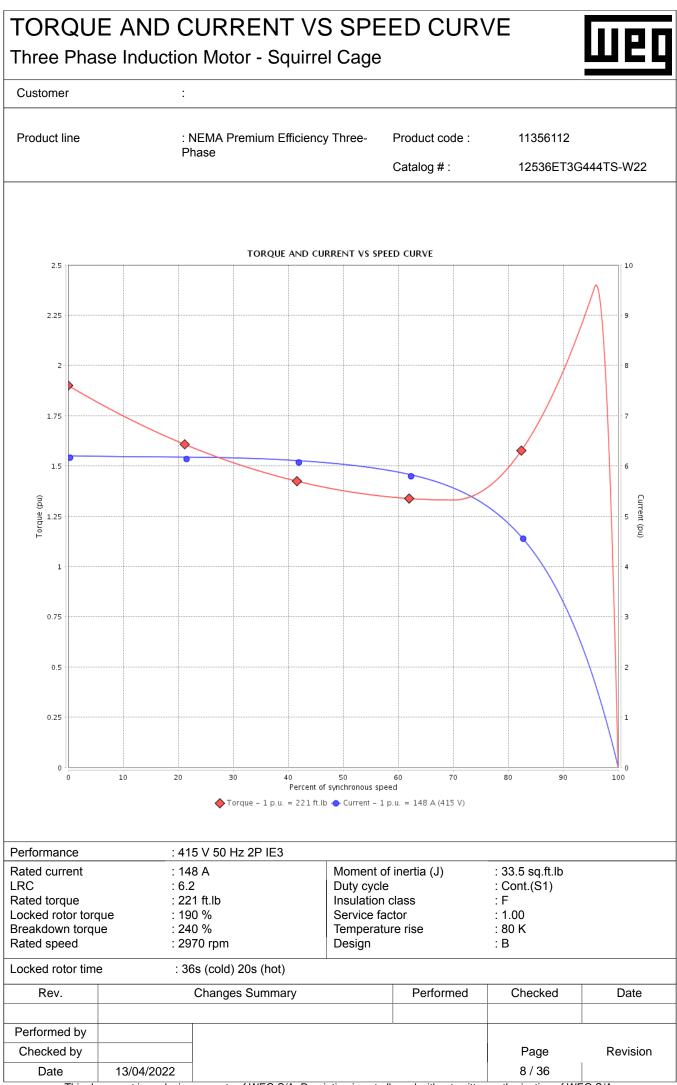
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage



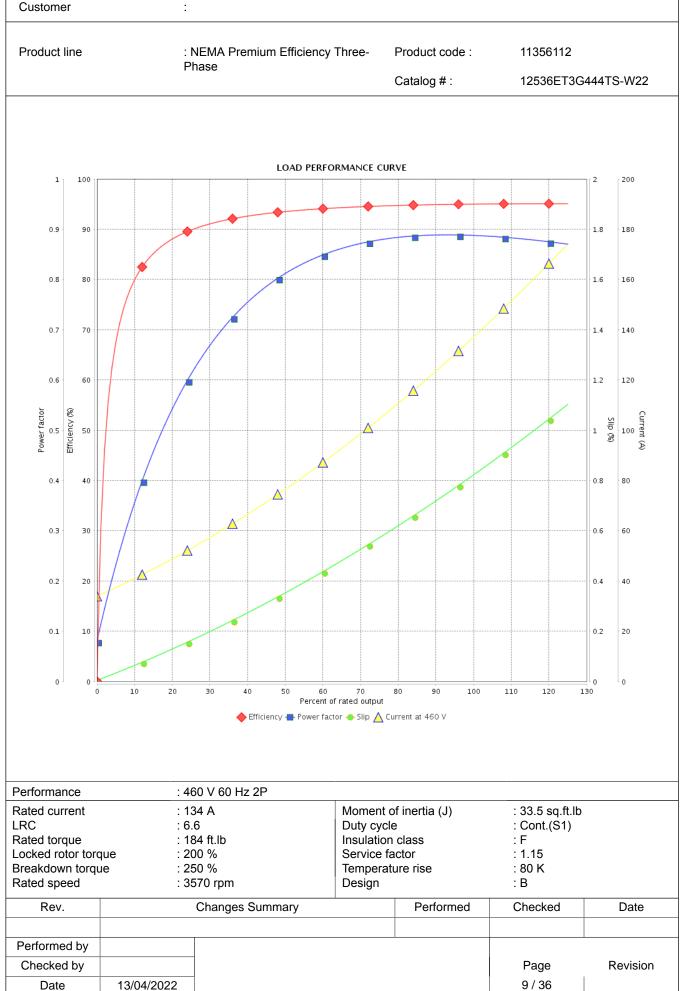


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



Three Phase Induction Motor - Squirrel Cage

Customer



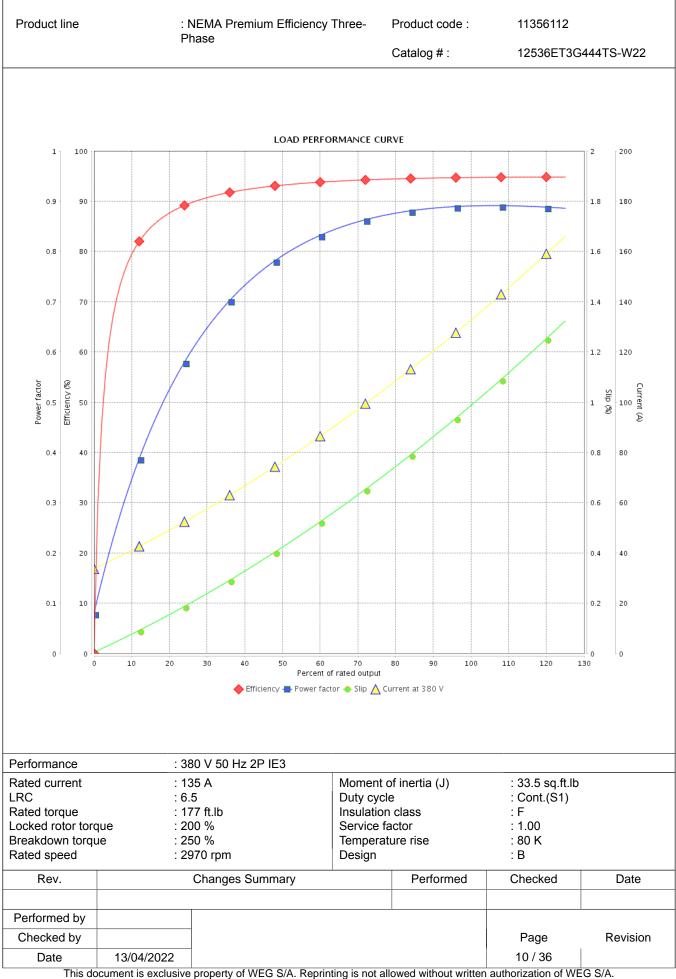
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:

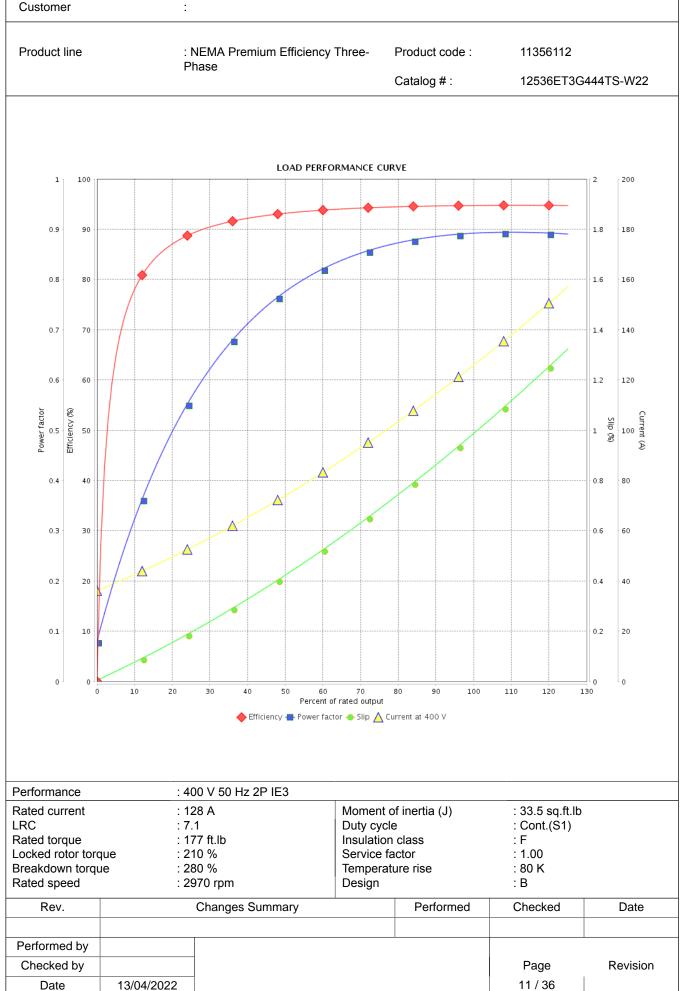


Customer



Three Phase Induction Motor - Squirrel Cage

Customer



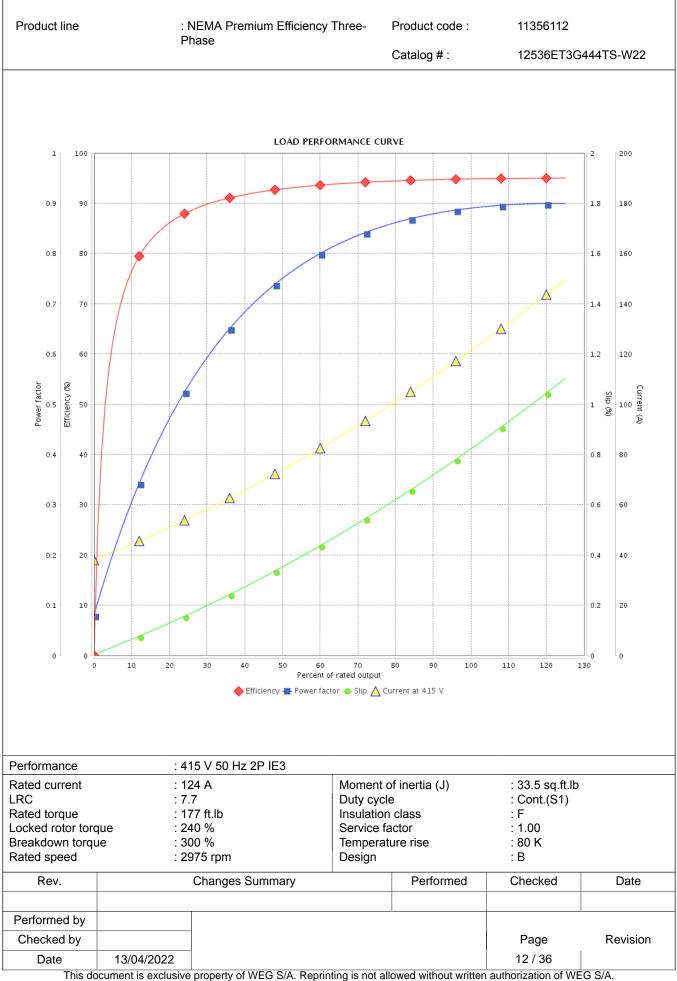
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:

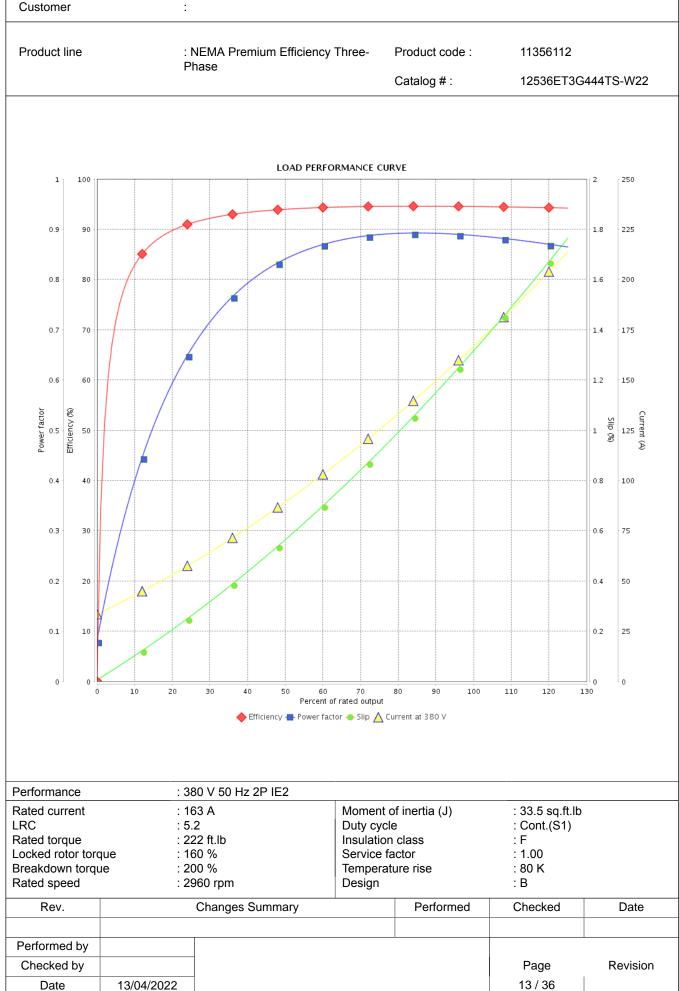


Customer



Three Phase Induction Motor - Squirrel Cage

Customer



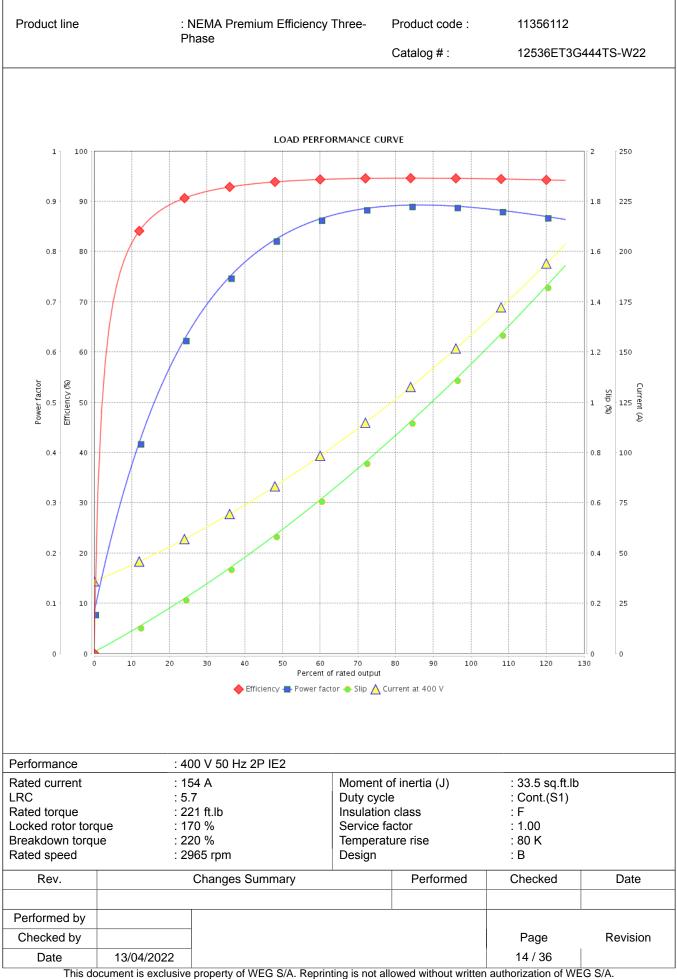
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:



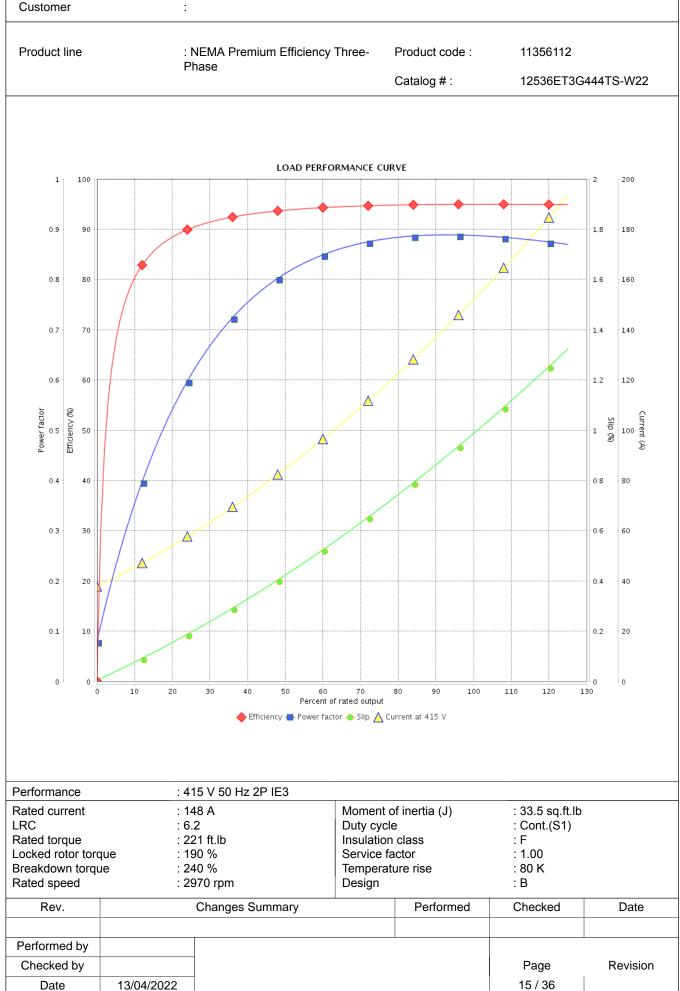
Customer



property of WEG S/A. Reprinting is not allowed without written authorization of WEG Subject to change without notice

Three Phase Induction Motor - Squirrel Cage

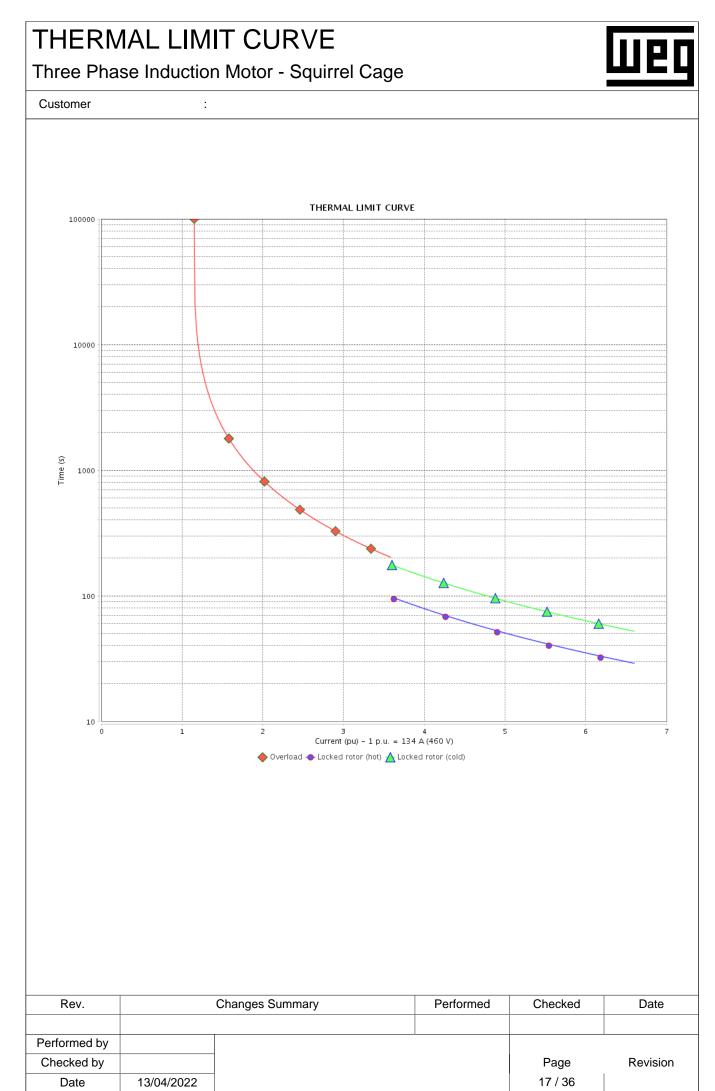
Customer



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

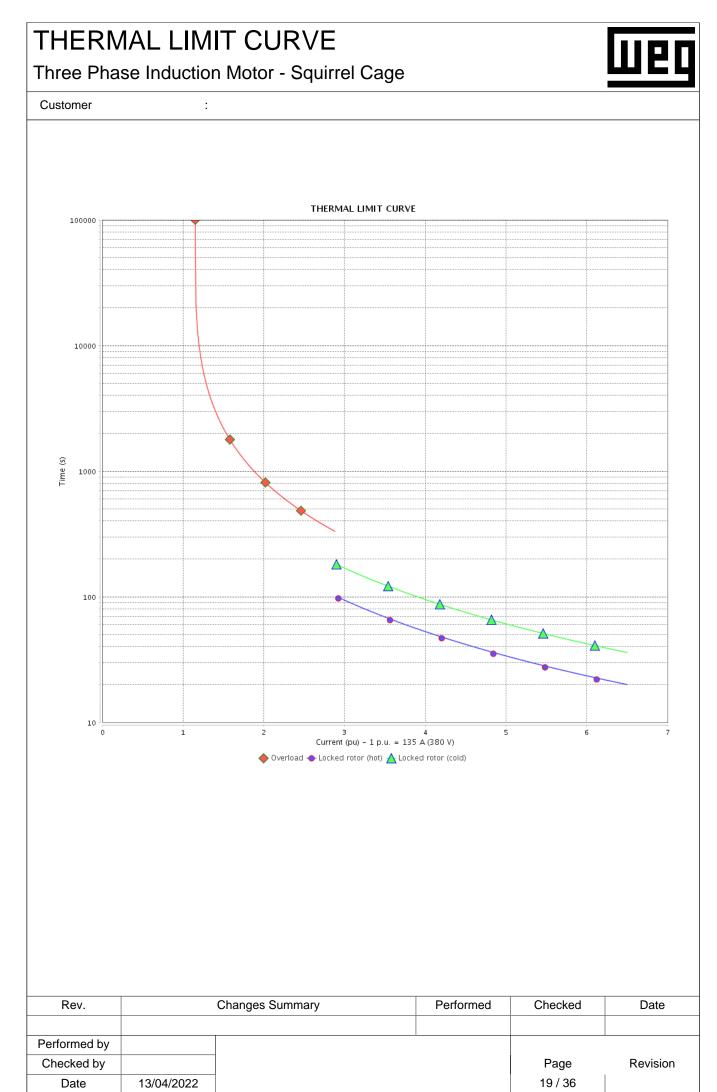
THERMAL LIMIT CURVE Three Phase Induction Motor - Squirrel Cage						
Three Phase muc	iction motor - Squirrer Cage	;				
Customer	:					
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11356112			
		Catalog # :	12536ET3G444TS-W22			

Performance	: 4	60 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	: 6 : 1; jue : 2 ie : 2	34 A .6 84 ft.lb 00 % 50 % 570 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 33.5 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant	t					
Cooling constant	:					
Rev.	Changes Summary			Performed	Checked	Date
Performed by					I	
Checked by					Page	Revision
Date	13/04/2022	1			16 / 36	



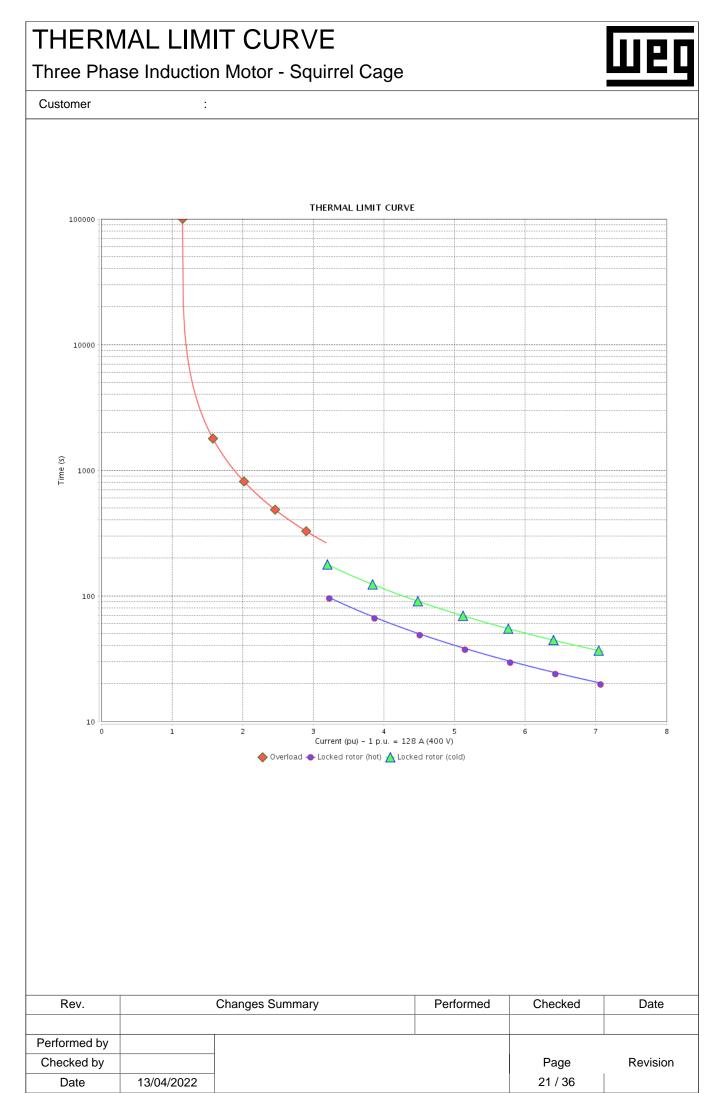
THERMAL LIMIT CURVE Three Phase Induction Motor - Squirrel Cage						
	Suon Motor - Squiner Cage					
Customer	:					
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11356112			
	Flidse	Catalog # :	12536ET3G444TS-W22			

Performance	: 38	80 V 50 Hz 2P IE3				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	4	35 A .5 77 ft.lb 00 % 50 % 970 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 33.5 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constan	t					
Cooling constant	t					
Rev.	Rev. Changes Summary			Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	13/04/2022	1			18 / 36	



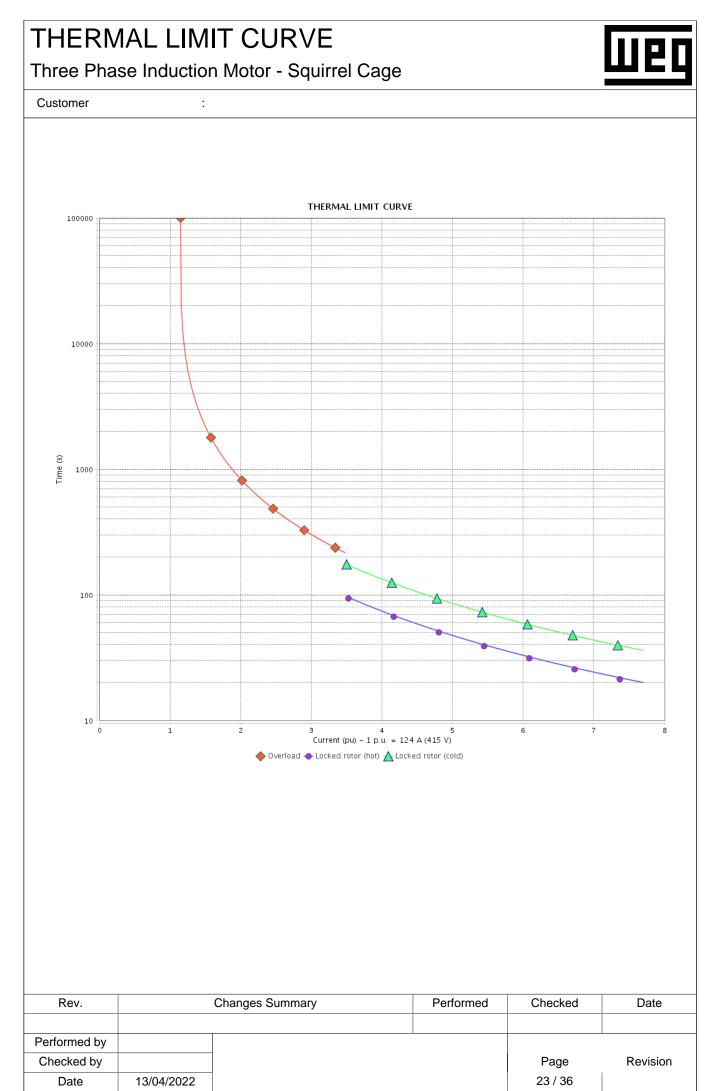
THERMAL	LIMIT CURVE		
Three Phase I	nduction Motor - Squirrel Cage	;	<u> </u>
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11356112
	Phase	Catalog # :	12536ET3G444TS-W22

Performance	:	: 400 V 50 Hz 2P IE3				
Rated current LRC Rated torque Locked rotor torqu Breakdown torqu Rated speed	jue :	128 A 7.1 177 ft.lb 210 % 280 % 2970 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 33.5 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constant						
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				20 / 36	
This do	cument is exclus	sive property of WEG S/A. Reprin	ting is not allo	owed without written	authorization of WEC	G S/A.



Three Phase Inc	luction Motor - Squirrel Cage)	шсц			
Customer	:					
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11356112			
	Thuse	Catalog # :	12536ET3G444TS-W22			

Performance		: 415 V 50 Hz 2P IE3				
Rated current LRC		: 124 A : 7.7	Moment of inertia (J) Duty cycle		: 33.5 sq.ft.lb : Cont.(S1)	
Rated torque		: 177 ft.lb	Insulation	Insulation class		
Locked rotor torc	que	: 240 %	Service fa	Service factor		
Breakdown torqu	le	: 300 %	Temperat	Temperature rise		
Rated speed		: 2975 rpm	Design	Design		
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summar	У	Performed	Checked	Date
.						
Performed by						
Checked by					Page	Revision
Date	13/04/2022				22 / 36	
This do	cument is exclu	sive property of WEG S/A	A. Reprinting is not all	owed without written	authorization of WE	G S/A.

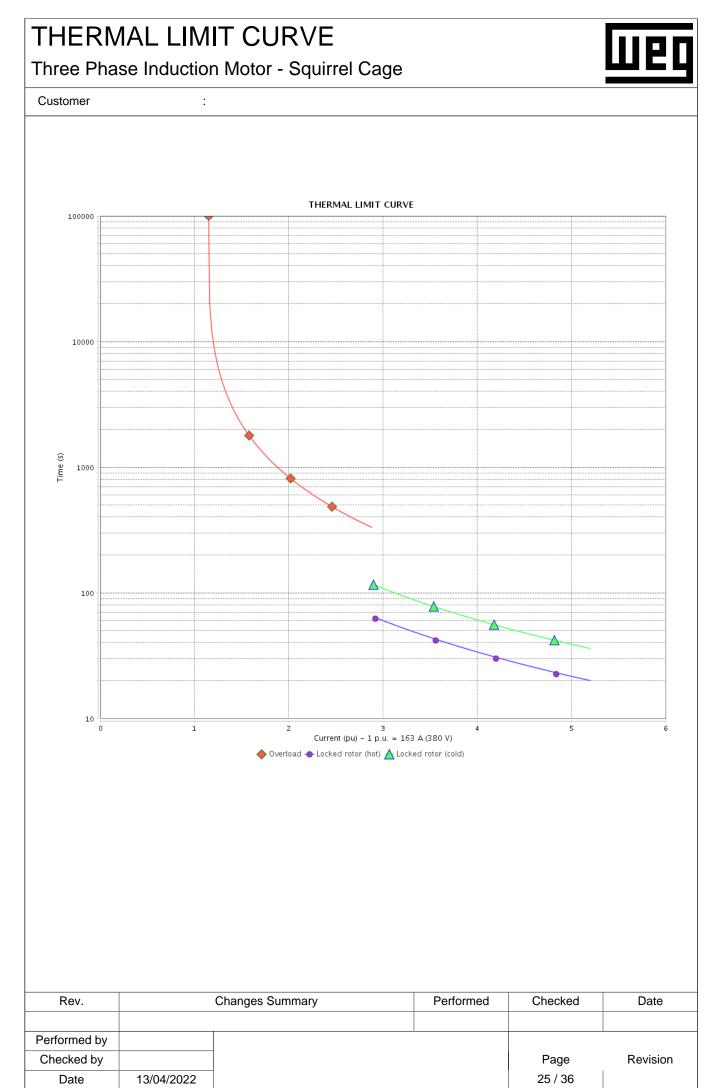


THERMAL LIMIT CURVE						
Three Phase Indu	uction Motor - Squirrel Cage)				
Customer	:					
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11356112			
		Catalog # :	12536ET3G444TS-W22			

Performance	
Rated current	
IRC	

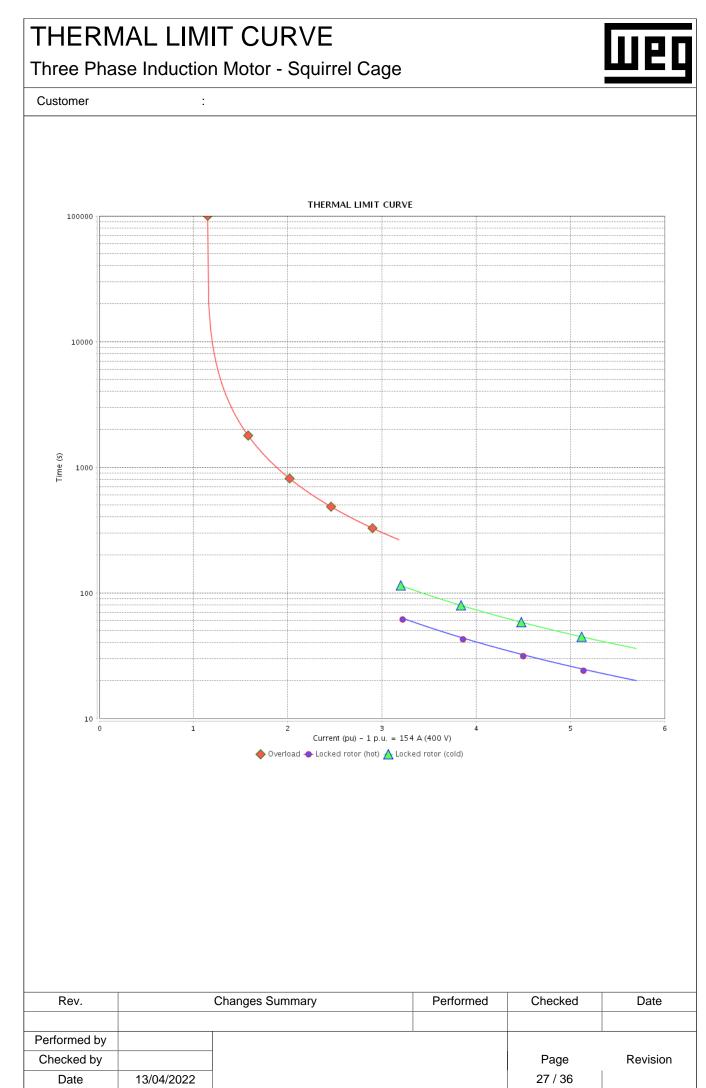
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed	: 5. : 22 jue : 16 ie : 20	: 163 AMoment of inertia (J): 5.2Duty cycle: 222 ft.lbInsulation class: 160 %Service factor: 200 %Temperature rise: 2960 rpmDesign		: 33.5 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B		
Heating constant						
Cooling constant	:					
Rev.	. Changes Summary			Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	13/04/2022				24 / 36	

: 380 V 50 Hz 2P IE2



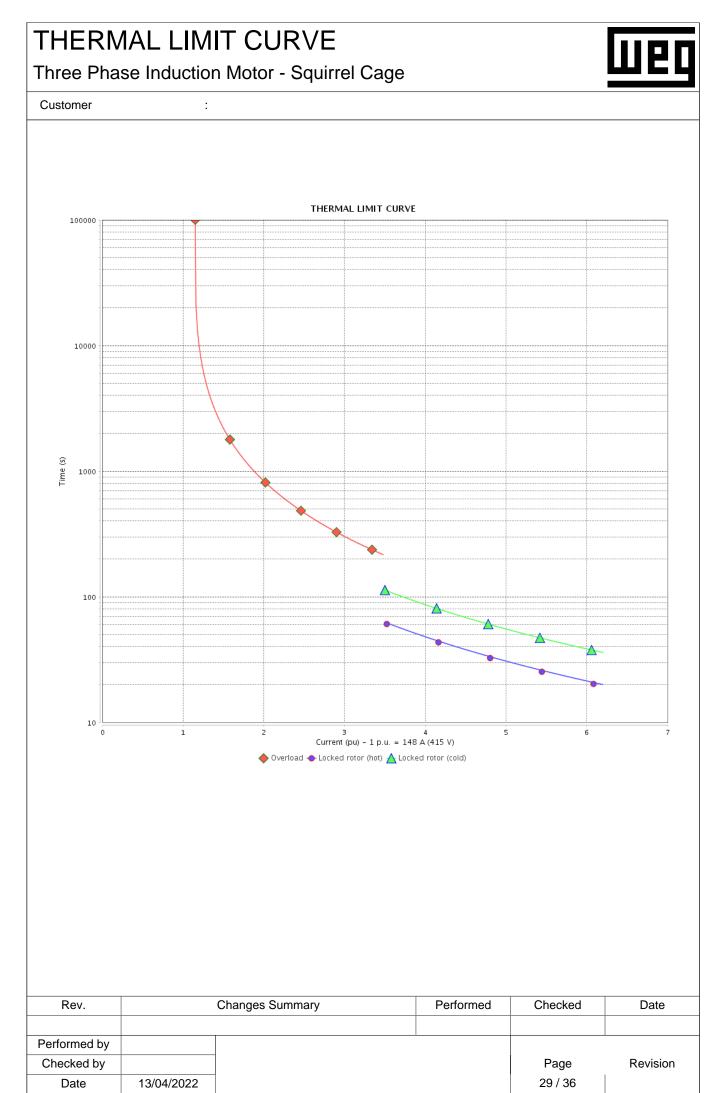
Three Phase Induction Motor - Squirrel Cage								
Customer	:							
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11356112					
		Catalog # :	12536ET3G444TS-W22					

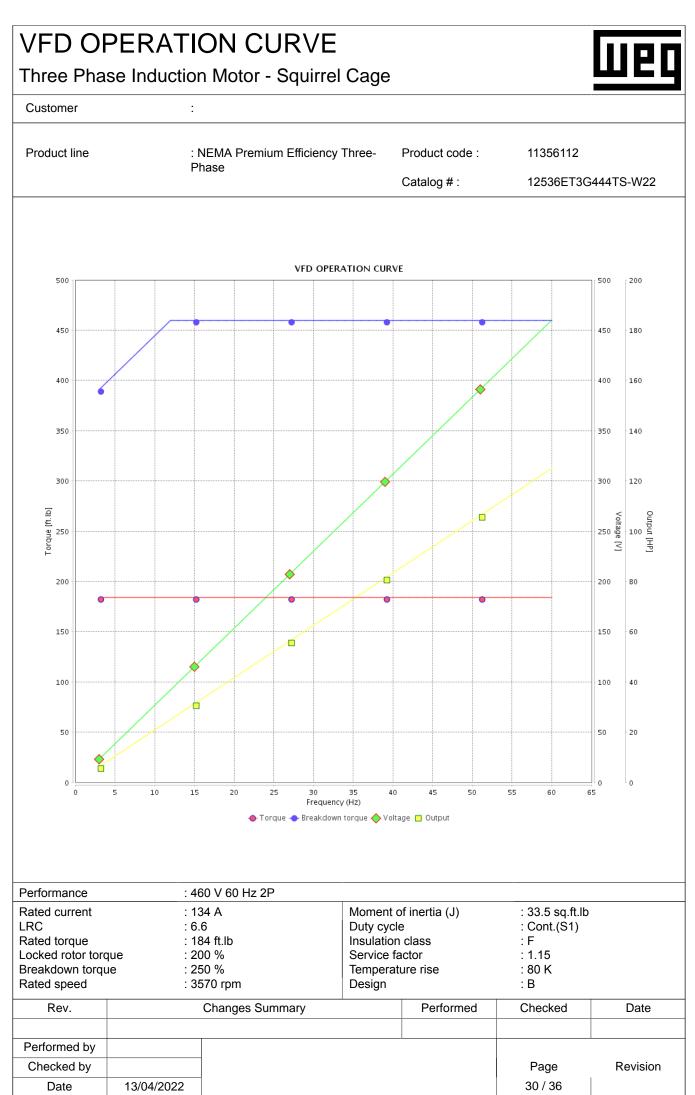
Performance		: 400 V 50 Hz 2P IE2					
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed	: 154 A Moment of : 5.7 Duty cycle : 221 ft.lb Insulation of gue : 170 % Service fac		e : Cont.(S1) class : F ictor : 1.00				
Heating constant							
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by							
Checked by					Page	Revision	
Date	13/04/2022				26 / 36		
This do	cument is exclus	sive property of WEG S/A. Reprin	ting is not allo	owed without written	authorization of WEC	G S/A.	

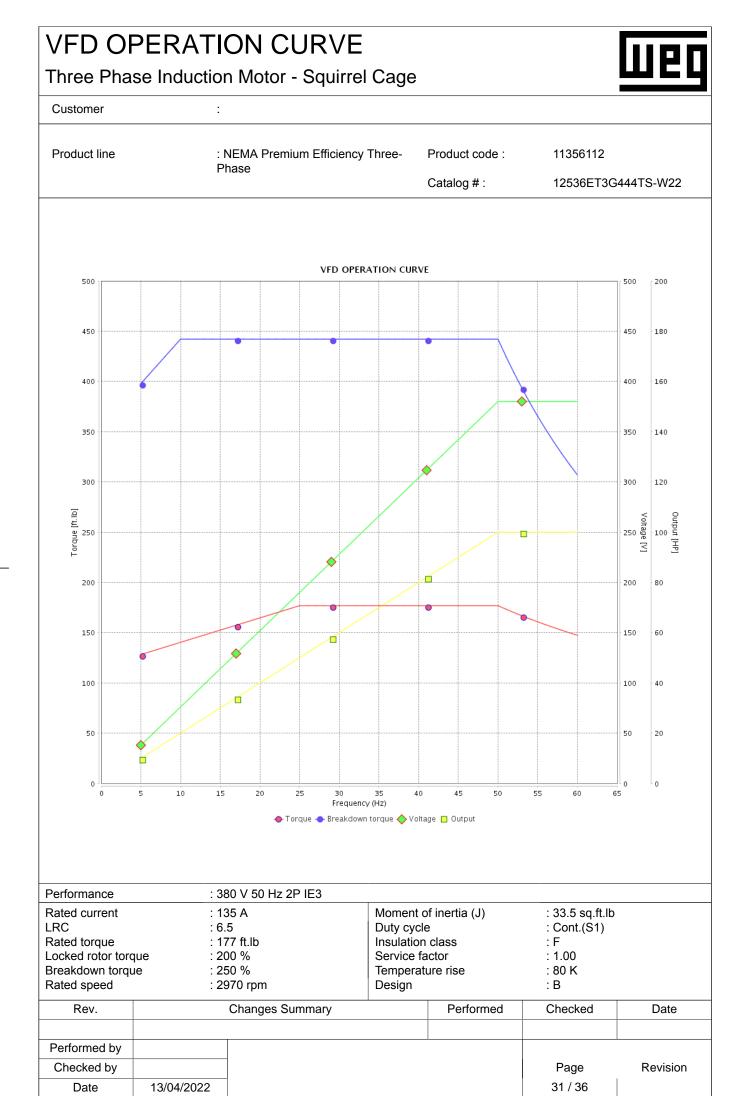


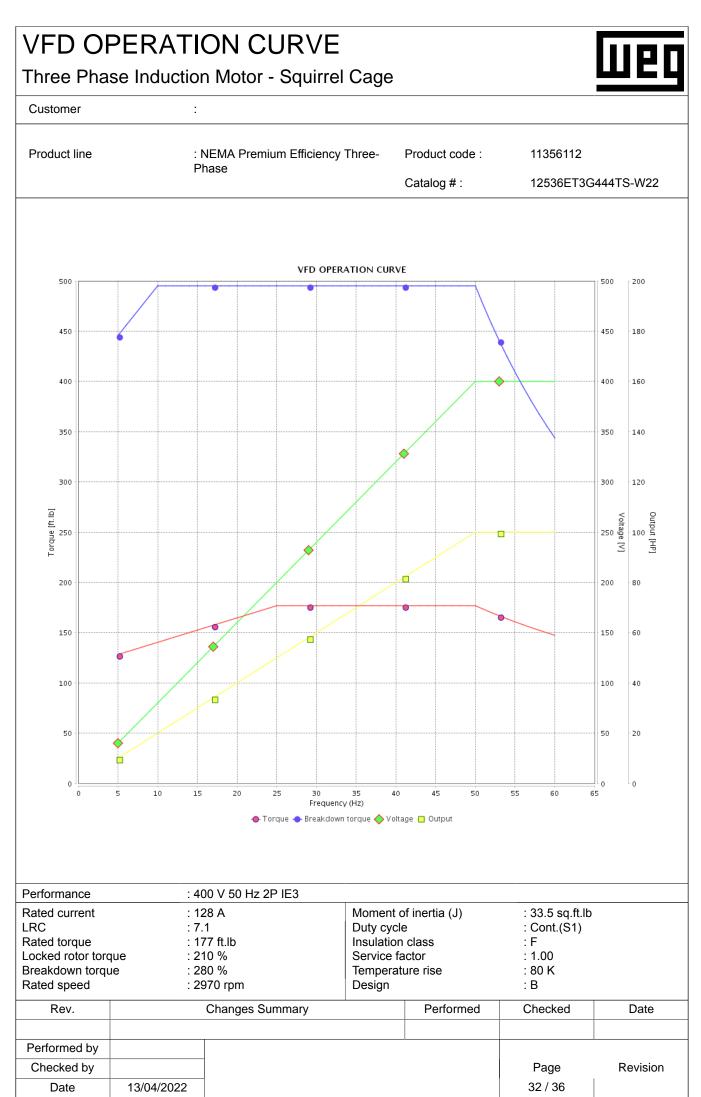
THERMAL LIMIT CURVE Three Phase Induction Motor - Squirrel Cage								
Customer	:							
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11356112					
		Catalog # :	12536ET3G444TS-W22					

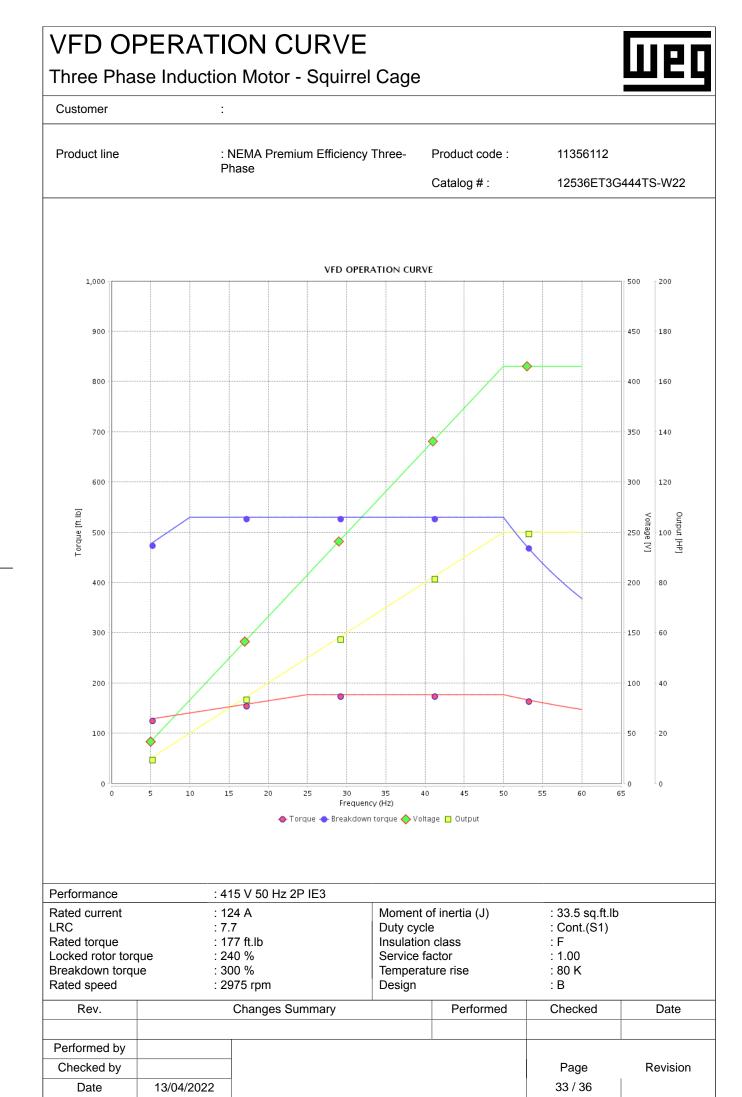
Performance	: 4	: 415 V 50 Hz 2P IE3					
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		48 A 5.2 221 ft.lb 90 % 240 % 2970 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 33.5 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B		
Heating constant							
Cooling constant							
Rev. Changes Summary			Performed	Checked	Date		
Performed by							
Checked by					Page	Revision	
Date	13/04/2022				28 / 36		

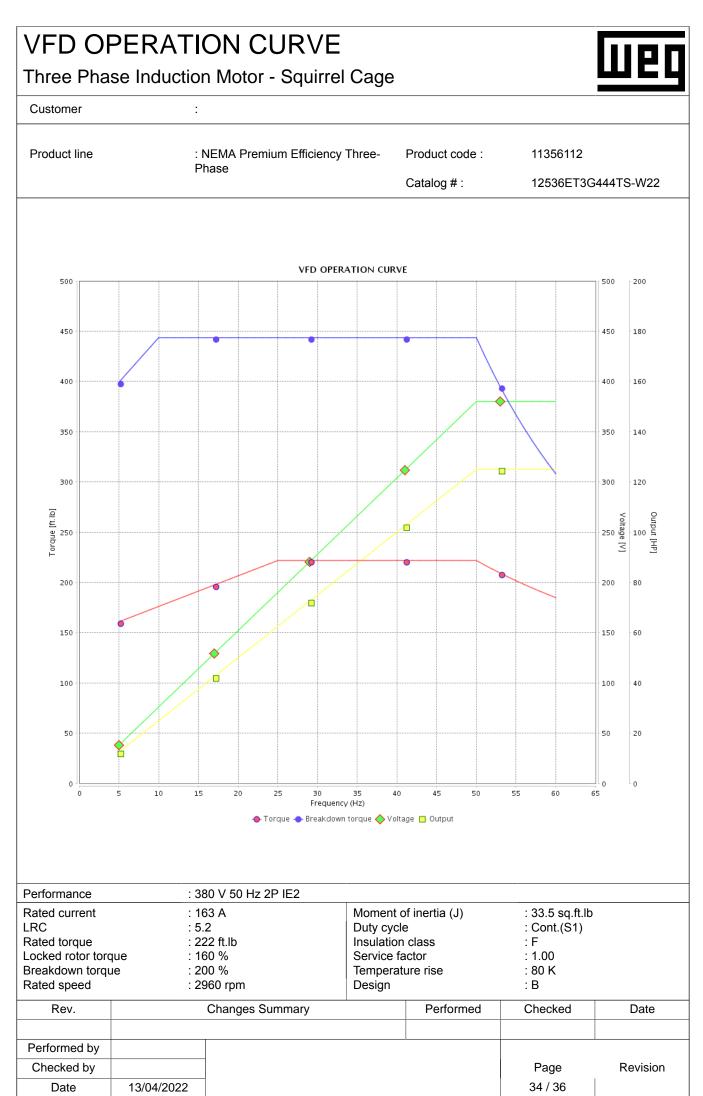


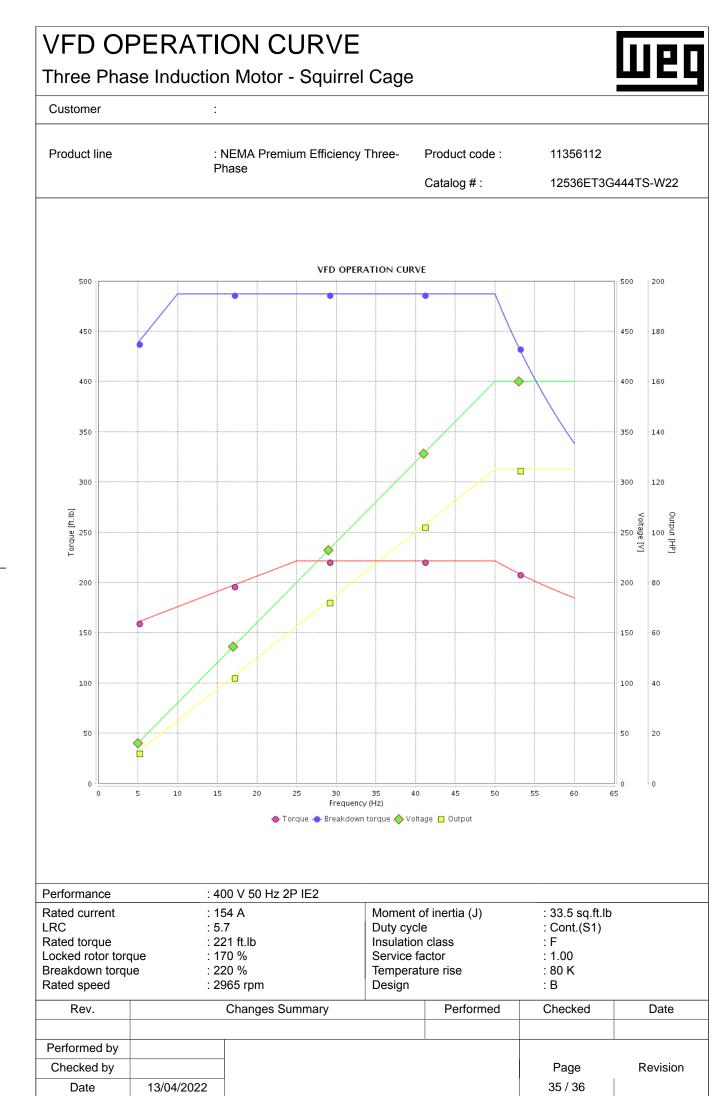


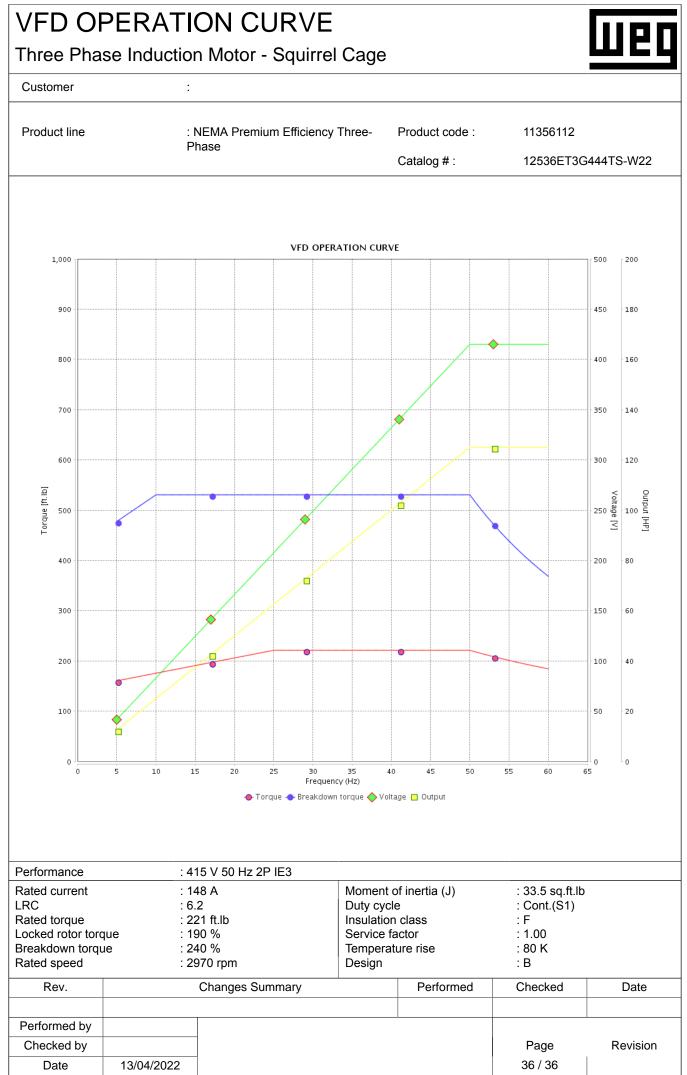


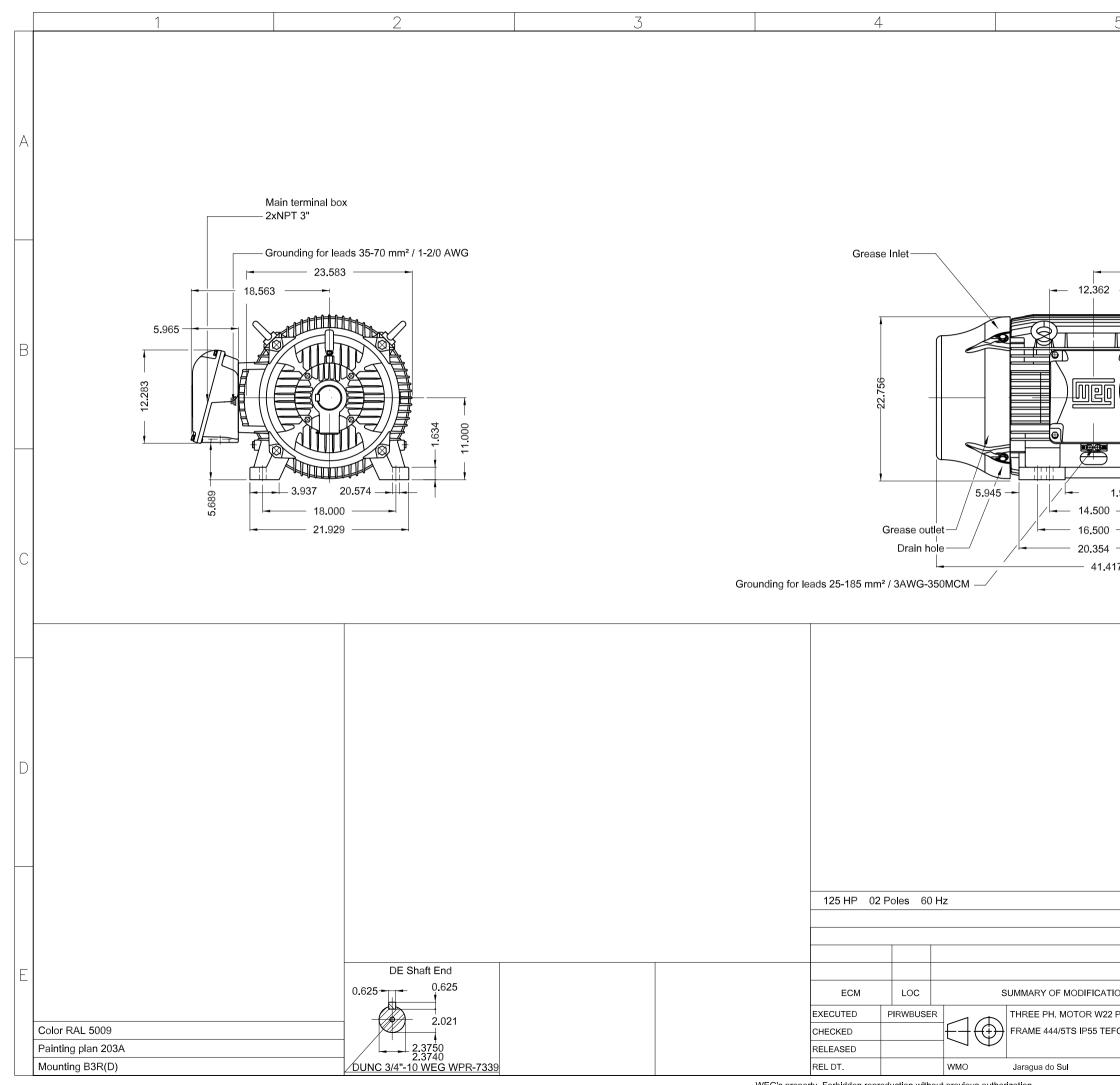












WEG's property. Forbidden reproduction without previous authorization.

	I				
5			6		
— 15.748 ——		ease Inlet			
-					
	╽╸╺╴	- 3.000			
	'▶				
╶└╥╶╥╏╋┦					
1.929					
7.500-	╲╸ ╸╲╴╺┝	-4.750			
		-Grease outlet			
		-Drain hole			
17 ———					
					es
					n inch
					Dimensions in inches
					A
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER
PREM. EFF.			FW/		
FC					
		WDD			
Produc	t Engineering	SHEET	1 / 1		XME

		Premium W222			Ô	3PT9 LISTED JS	FOR SAFE AREA Mod.TE1BF0X0N CC029A	C U Energy Verified	Class II, Div 2, Gr	N, B, C and D – T3 – T3 F and G – T3C	
	MODEL 12536ET3	G444TS-W22							For use on PWM: G VT 1000:1, CT 20:1	r. A, B, C, D and F, , 1.00SF – T3A	
MEXICO 112	Inverter Duty Moto Severe Duty	r							PART-WINDING	WYE-DELTA	
	PH3 60Hz	Fr. 444/5TS	1000m.a.s.l.	IP55 TEF	C 1631lb			_	START RUN 0T120T100T11 0T120T100T		
IN 556	V 460			A 134					dr7 dr8 dr9 dr7 dr8 dr		
- ĸ	HP 125			kW 90					016 014 015 016 014 01 011 012 013 011 012 01 01 02 03 011 02 03	5 017 018 019 017 018 019 3 011 012 013 011 012 013 11 12 13 11 12 13	
MADE 11	SF 1.15			SFA 154						ំ ំ ំ ំ ំ ំ ំ	
MΑ	RPM 3570			PF 0.89				"~≜	6314–C3 (27g)		
	AMB 40°C		INS cl	. F DT80K	NEMA NOM EFF	95.0%		'⊎→	6314–C3 (27g)		
	DUTY CONT.		DES B	Code (;			\sim	MOBIL POLYREX EM	(4000h)	
								X			
· .											