## DATA SHEET

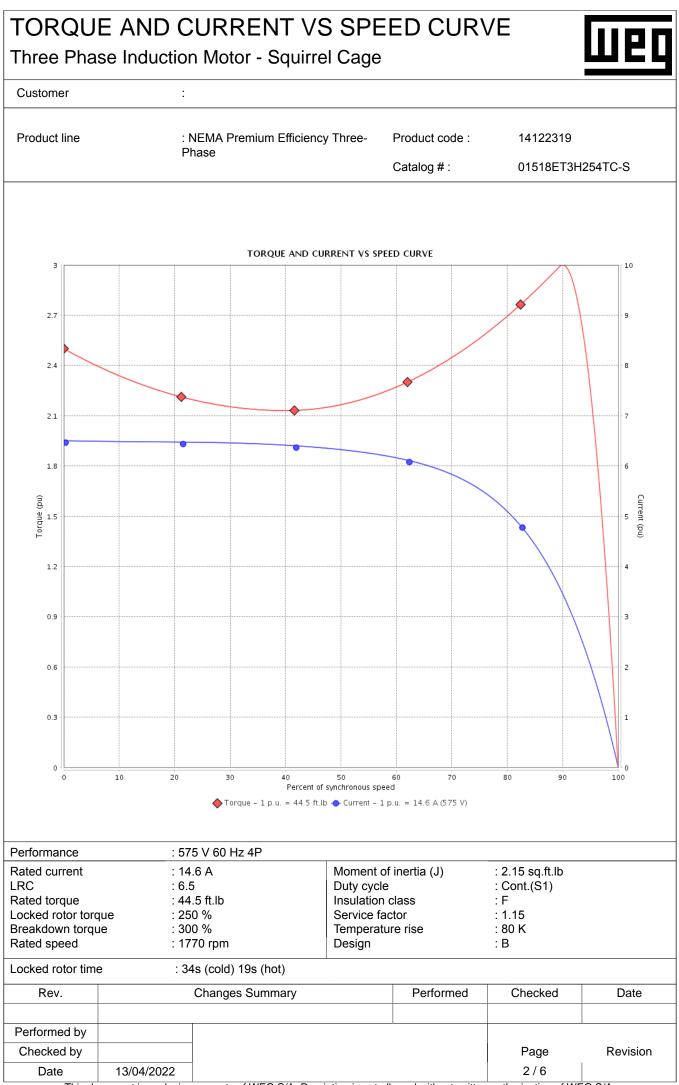
Three Phase Induction Motor - Squirrel Cage

:



## Customer

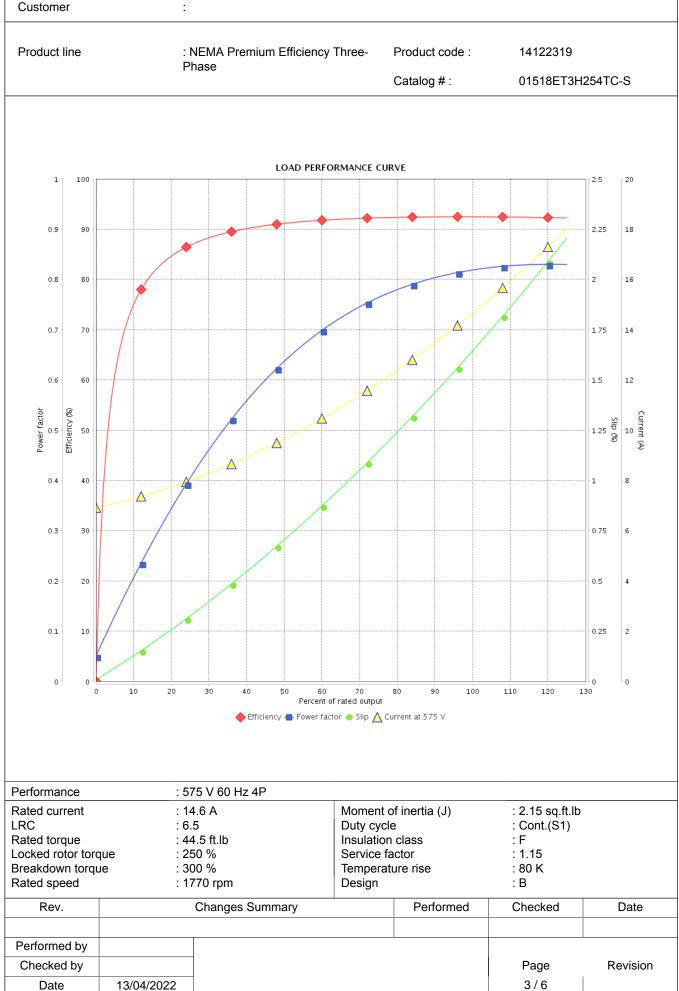
Product line		Phase	/A Premium	,					
		Phase	e			Catalog # :	01518ET3H	254TC-S	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J)		: 254/6TC : 15 HP (11 kW) : 4 : 60 Hz : 575 V : 14.6 A : 94.6 A : 6.5x(Code G) : 6.92 A : 1770 rpm : 1.67 % : 44.5 ft.lb : 250 % : 300 % : F : 1.15			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>		: 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : W-6 : Both (CW : 68.0 dB(A	: 34s (cold) 19s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : W-6 : Both (CW and CCW) : 68.0 dB(A) : Direct On Line	
Design	- (-)	: B	5 sq.ft.lb						
Output	25%	50%	75%	100%	Foundati		500 1		
Efficiency (%) Power Factor	90.8 0.39	91.0 0.64	92.4 0.76	92.4 0.82	Max. trac Max. con	ction npression	: 528 lb : 752 lb		
Sealing		•		Ring		V'Ring			
Lubrication inter- Lubricant amoun Lubricant type			143	895 h 3 g	bil Polyrex	16660 h 8 g			
Lubrication inter- Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 2 (3) Approximate v manufacturing pro-	aces and o ed. iotor from Im and wit weight sub ocess.	the shaft e h tolerance	143 1; previous on end. e of +3dB(A	995 h 3 g Mo	These a	16660 h 8 g EM re average values	s based on tests wi ne tolerances stipu		
Lubrication inter- Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 2 (3) Approximate v manufacturing pro-	aces and o ed. iotor from Im and wit weight sub ocess.	the shaft e h toleranco ject to cha	143 1; previous on end. e of +3dB(A	995 h 3 g Mo	These a power st	16660 h 8 g EM re average values			
Lubrication inter- Lubricant amoun Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pri (4) At 100% of ful	aces and o ed. iotor from Im and wit weight sub ocess.	the shaft e h toleranco ject to cha	143 1; previous on end. e of +3dB(A inges after	995 h 3 g Mo	These a power st	16660 h 8 g EM re average values upply, subject to th	ne tolerances stipu	lated in NEMA	
Lubrication inter- Lubricant amoun Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	aces and o ed. iotor from Im and wit weight sub ocess.	the shaft e h toleranco ject to cha	143 1; previous on end. e of +3dB(A inges after	995 h 3 g Mo	These a power st	16660 h 8 g EM re average values upply, subject to th	ne tolerances stipu	lated in NEMA	



## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer

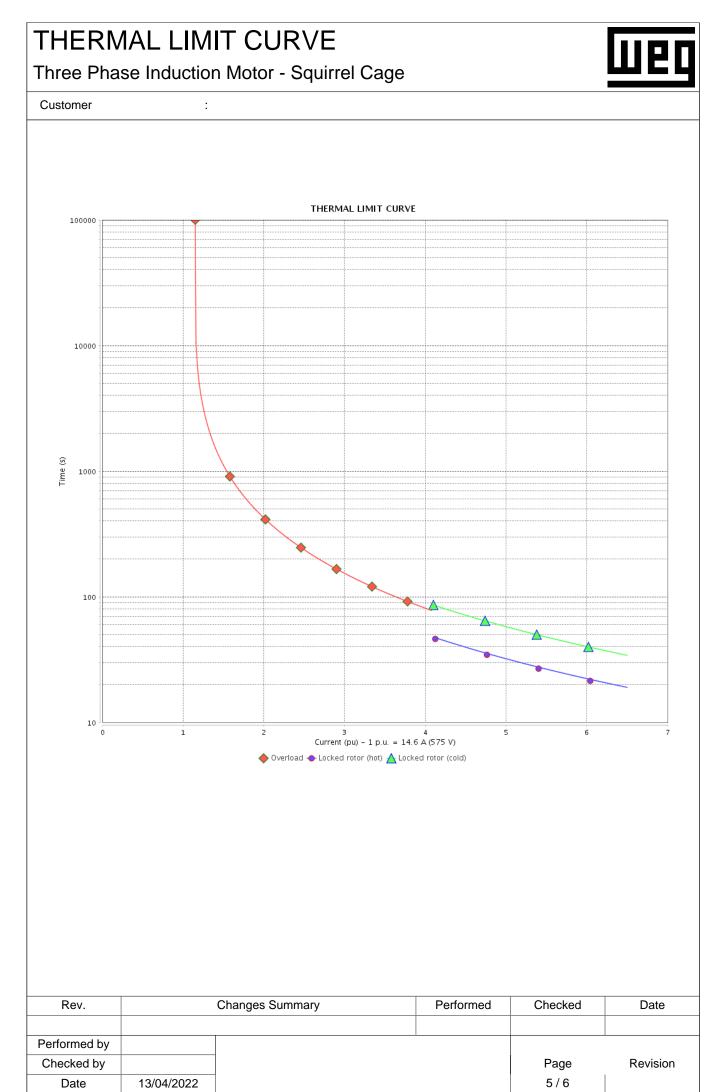


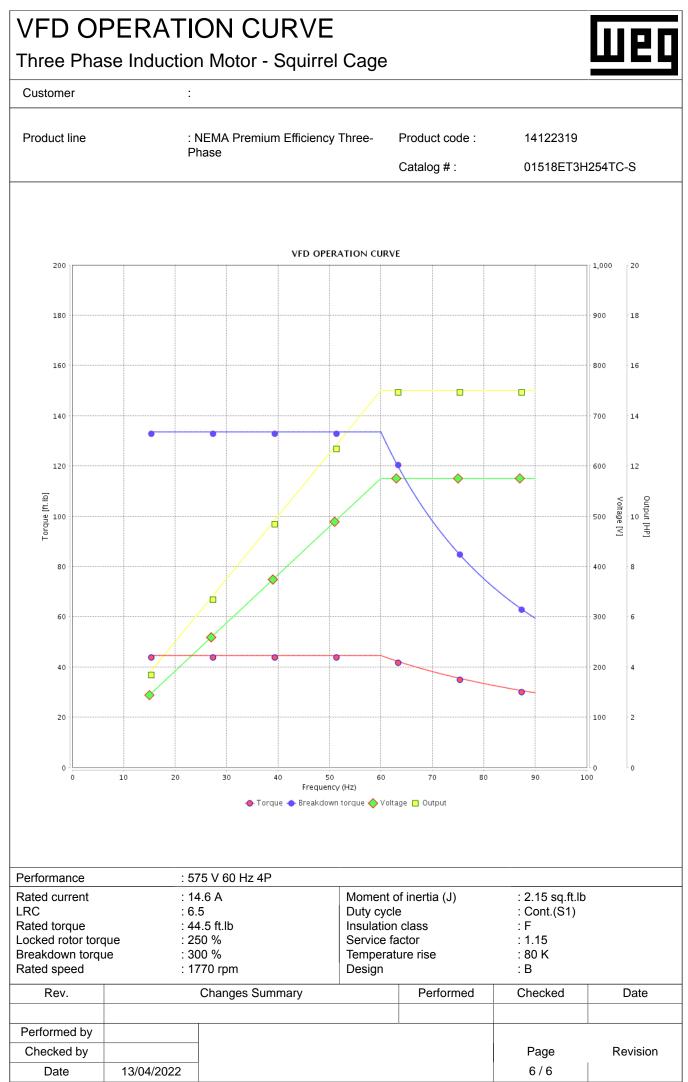
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

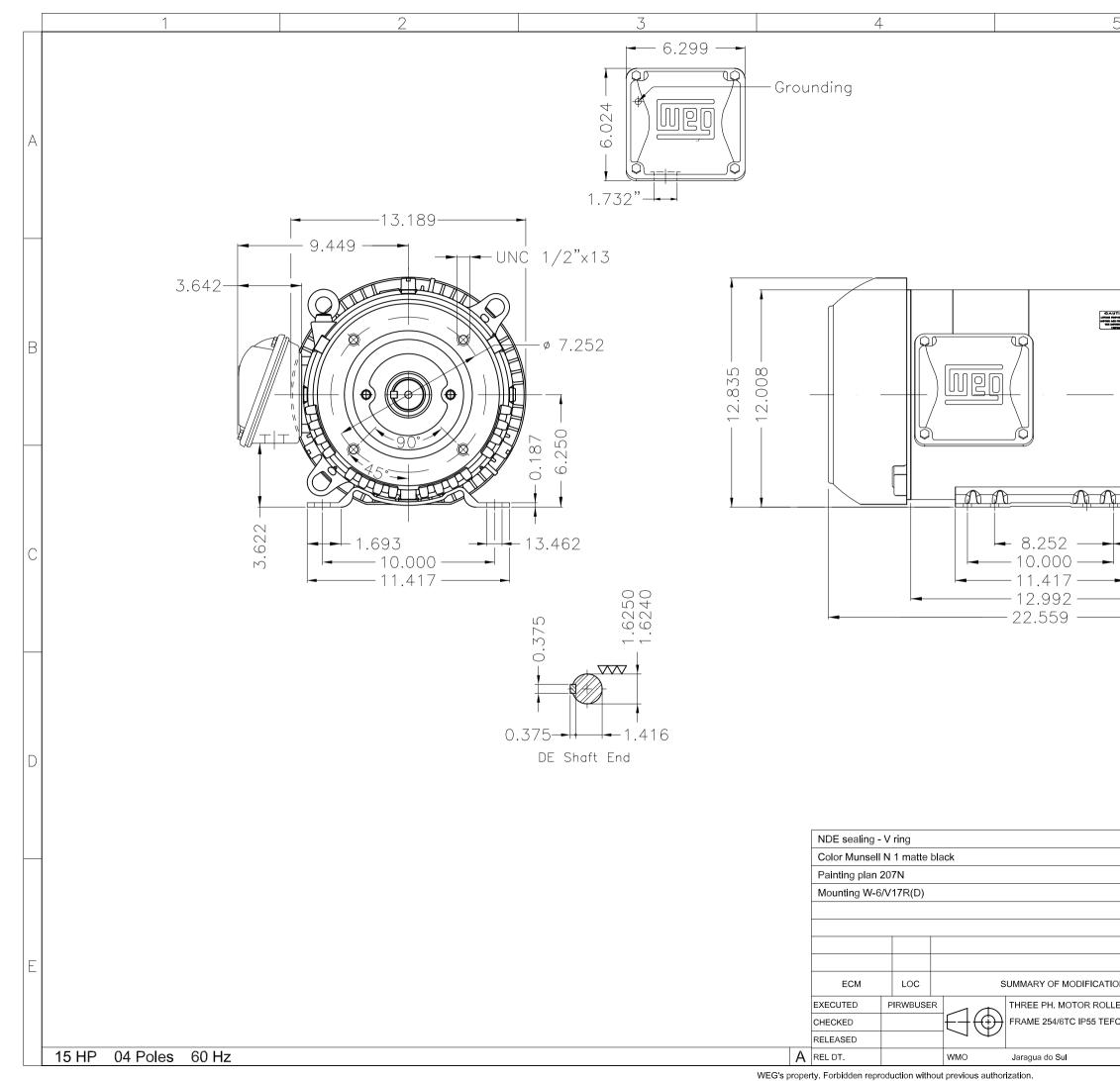
Subject to change without notice

THERMAL	lien		
Three Phase Inc	duction Motor - Squirrel Cage	<del>)</del>	
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	14122319
	T Hubb	Catalog # :	01518ET3H254TC-S

Performance	: 5	75 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6 : 4 que : 2 ue : 3	.6 A Moment of inertia (J)		class ctor	: 2.15 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constan	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				4 / 6	







S S S S S S S S S S S S S S	<b>F</b>						
2.756 0.250 4.750 4.000 4.750 4.000 0.250 4.000 0.250 4.000 0.250 0.	5			6			
ONS EXECUTED CHECKED RELEASED DATE VER LED STEEL PREM. EFF. =C PREVIEW WDD			- 2.756	© !			
LED STEEL PREM. EFF. FC WDD WDD 8							Dimensions in inches
LED STEEL PREM. EFF. FC WDD WDD 8							
LED STEEL PREM. EFF. FC WDD WDD 8							
	ONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
		FF.		EW			A3
	Produc	t Engineering		1 / 1			

C C C C C C C C C C C C C C C C C C C	For 60H2: Class I, Zone 2, IIC Class I, Div2, Gr. A,B,C,D - T3 Class II, Div2, Gr. F,G - T4 Div 2 Inverter Duty (SF1.00) CT 2:1/VT 1000:1				VT, 4:1 CT 14395h	T1-BLU T2-WHT T3-ORG T4-YEL T5-BLK T6-GRY	
COUST SPT9	For 60H2: Class I, DIv.2, Class I, DIv.2, Class II, D DIv 2 Invert			82 70 92.4%	For safe area-inverter duty motor For use on VPWM 1000:1 VT. 309-2-C3 DDE 6208-2-C3 MOBIL POLYREX EM	T6 13 3	INTERCIAINCE ANY THO LIVE WIRES TO REVERSE THE ROTATION MARNING, MORT must be provided in accordance with local and national electrical codes to prever services with code shocks. Disconnect power source before servicing unit. ADDISERMENT, and and a statistical according to the statistical conforminent aux codes electriques locaux et miser and the write to those electriques prave. Deconnecter 1 alimentation acant l'entrefore de la machine
۲	, vi	HP 15 KW 11 V 575	A 14.6 SFA 16.8 SF 1.15	- PF 0.82 - RPM 1770 Nema 92.	y motor For u	T6 ● T4 ● T1 ● T2 ● 1   2	WIRES TO REVER: grounded in acco podes to prevent ower source befo ower source befo is Le moteur doit. locaux et nationa illmentation avan
	9 CC029A 0N ET3H254TC- S/N:	Hz 60	.s.l IP55 DES B	اسا	ea-Inverter duty m ODE 6208-Z-C3	<b>₩</b>	INTERCHANGE ANY THO LIVE WRES TO REVERSE THE ROTATION WARNEW. MAGIN THOP LIVE Pognaladia In accordance with local and national electrical costs to prevent service ecording shocks. Disconnest power source before servicing unit. APETRISENENT: La modeu of the anni a 18 terrs and article accordes electriques locates in the d'Arvier of confique grave. Deconnector l'alimentation areant l'entrefen de la
B	MADE IN MEXICO MAT: 14122319 CC029A W01:TE0IC0X0N MODEL 01518ET3H254TC-S 10JAN2022 SIN:	PH 3 FR 254/6TC DUTY CONT		1.1	For safe ar DE 6309-Z-C3		INTERCHAN WARNIN WARNIN and and and and and and and and and and