DATA SHEET

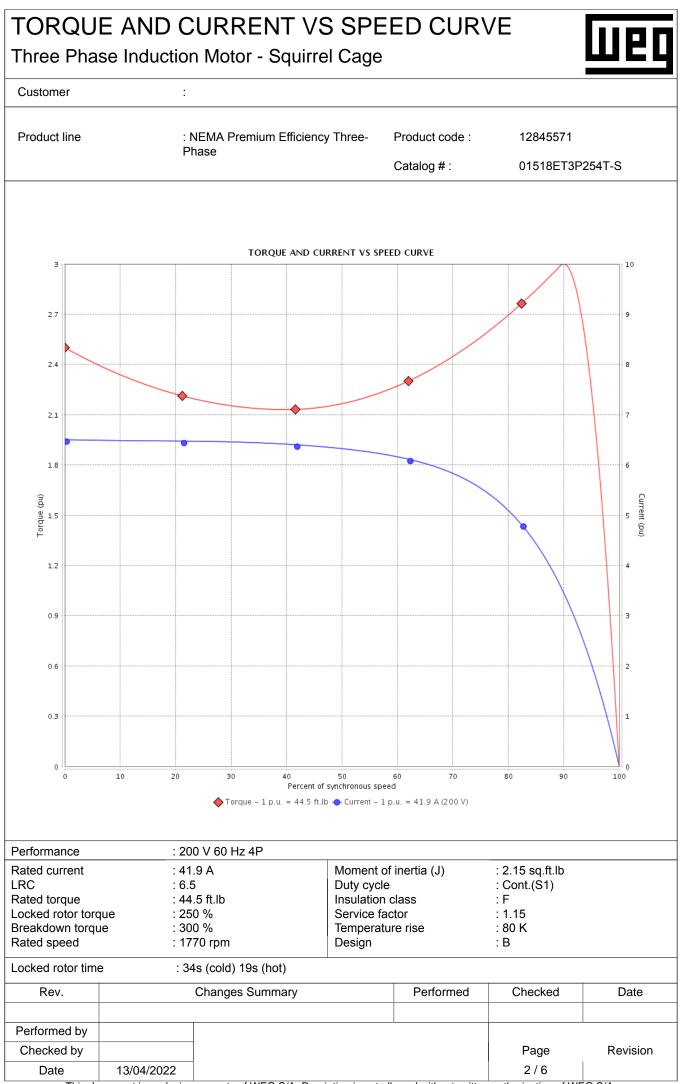
Three Phase Induction Motor - Squirrel Cage

:



Customer

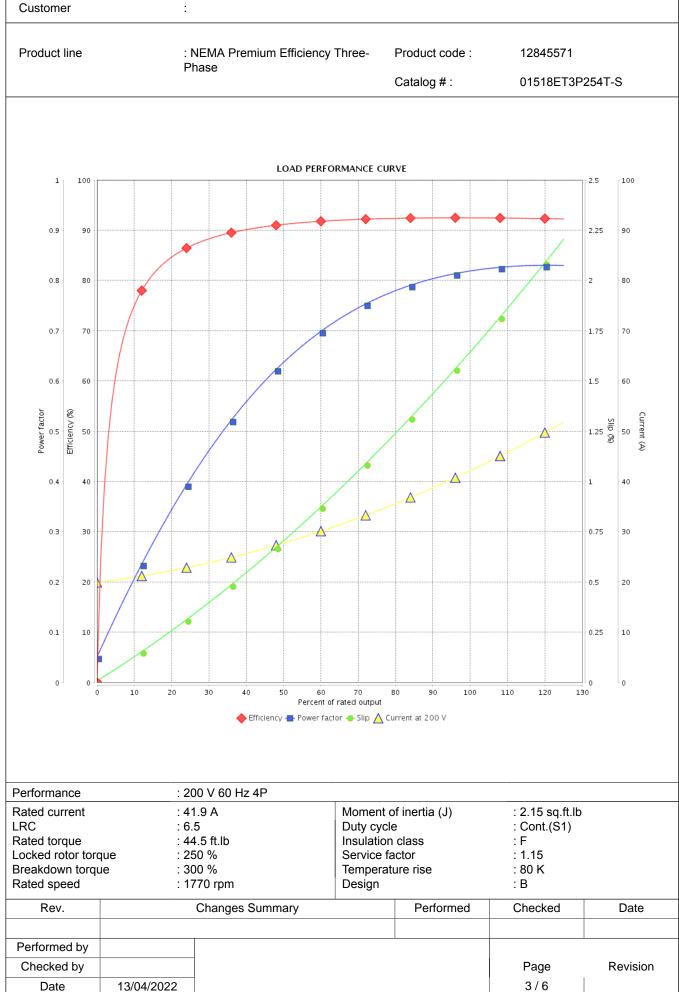
Product line		Phase		n Efficiency 1	Three-		12845571				
		Flido	5			Catalog # :	01518ET3P254T-S				
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia Design	ie	: 4 : 60 F : 200 : 41.9 : 272 : 6.5x : 19.9 : 1770 : 1.67 : 44.5 : 250 : 300 : F : 1.15	HP (11 kW) Hz V A (Code G) A 0 rpm 7 % 5 ft.lb %		Temper Duty cy Ambier Altitude Protect Cooling Mounti Rotatio Noise I Starting	nt temperature e tion degree g method ng n ¹	: 34s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : F-1 : Both (CW : 68.0 dB(A : Direct On : 212 lb	40°C s.l. EFC and CCW)			
Output	25%	50%	75%	100%	Foundati	on loads					
Efficiency (%) Power Factor	90.8 0.39	91.0 0.64	92.4 0.76	92.4 0.82	Max. trac	ction npression	: 534 lb : 746 lb				
Bearing type		:		9 Z C3		Non drive end 6208 Z C3					
Sealing Lubrication interv Lubricant amoun Lubricant type Notes	.t		200		bil Polyrex						
Lubrication interv Lubricant amoun Lubricant type	t aces and o ed. iotor from lm and wit veight sub pocess.	the shaft e h tolerance	200 1: previous on end. e of +3dB(A	000 h 3 g Mo	These a	20000 h 8 g	based on tests wi				
Lubrication interv Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	t aces and o ed. iotor from lm and wit veight sub pocess.	the shaft e h tolerance ject to cha	200 1: previous on end. e of +3dB(A	000 h 3 g Mo	These a power su	20000 h 8 g EM	based on tests wi				
Lubrication interv Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	t aces and o ed. iotor from lm and wit veight sub pocess.	the shaft e h tolerance ject to cha	200 1: previous on and. e of +3dB(A inges after	000 h 3 g Mo	These a power su	20000 h 8 g EM re average values upply, subject to the	based on tests wi e tolerances stipu	lated in NEMA			
Lubrication interv Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	t aces and o ed. iotor from lm and wit veight sub pocess.	the shaft e h tolerance ject to cha	200 1: previous on and. e of +3dB(A inges after	000 h 3 g Mo	These a power su	20000 h 8 g EM re average values upply, subject to the	based on tests wi e tolerances stipu	lated in NEMA			



LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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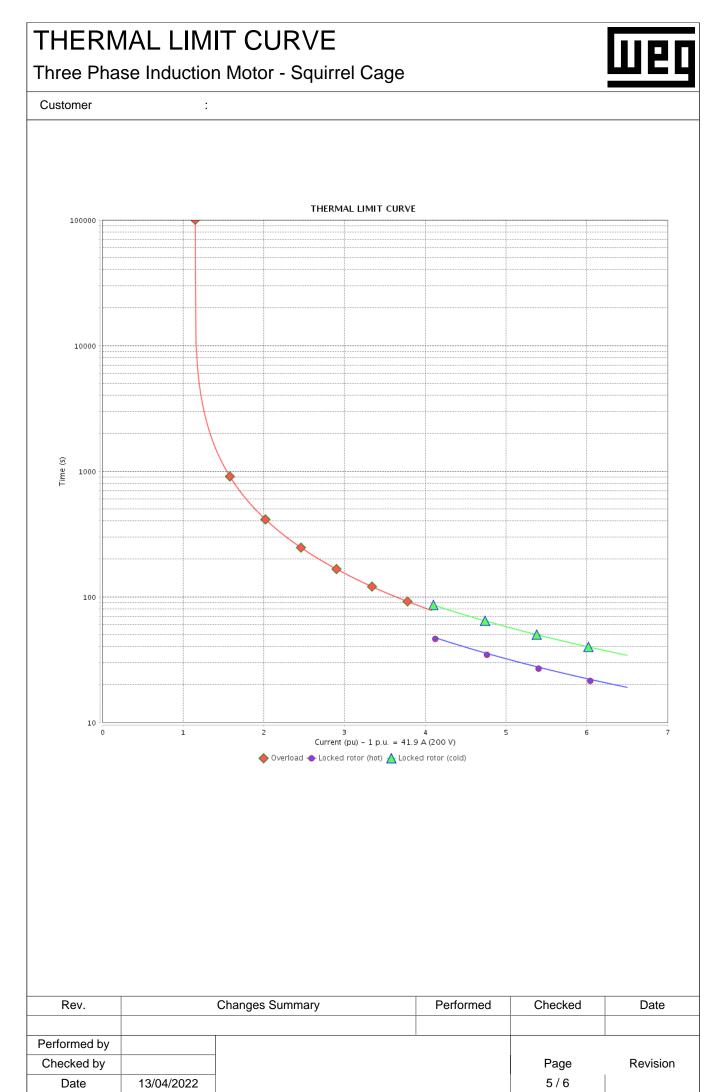
THERMAL LIMIT CURVE Three Phase Induction Motor - Squirrel Cage							
Customer	:						
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12845571				

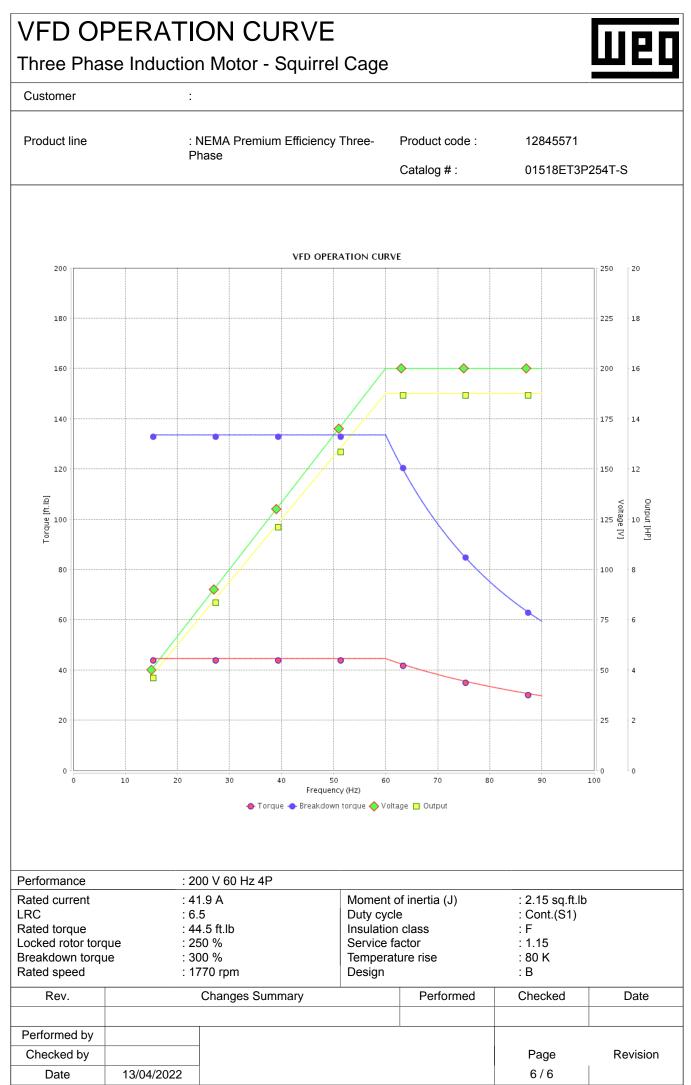
Catalog # :

2

01518ET3P254T-S

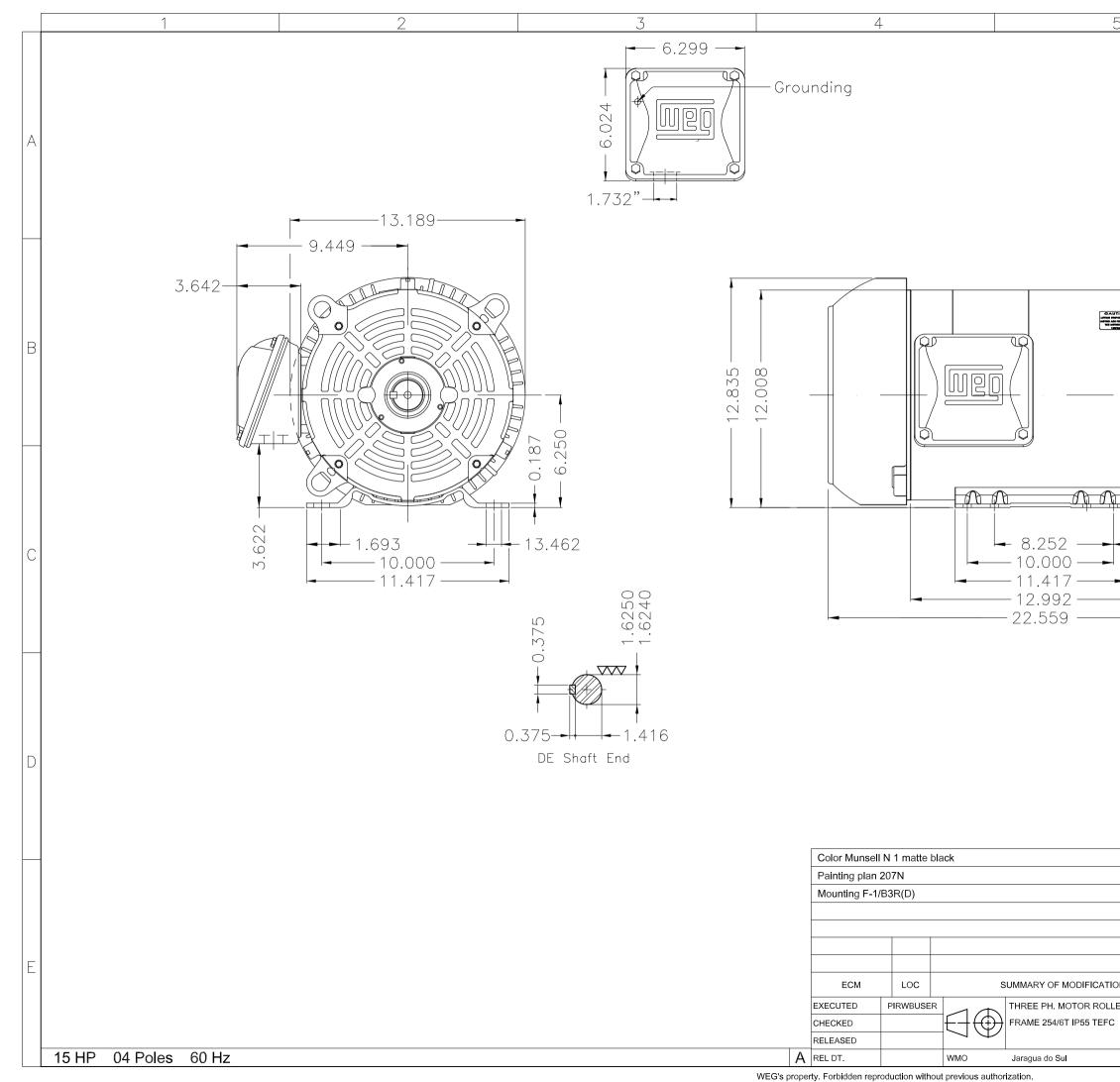
Performance	: 2	00 V 60 Hz 4P			·	
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6 : 4 que : 2 ue : 3	1.9 A .5 4.5 ft.lb 50 % 00 % 770 rpm	Moment o Duty cycle Insulation Service fa Temperate Design	class ctor	: 2.15 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constan	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022	1			4 / 6	





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2.756 4.250 4.250 4.000 1	5		6		
LED STEEL PREM. EFF. C WDD					Dimensions in inches
LED STEEL PREM. EFF. C WDD				1	
LED STEEL PREM. EFF. C WDD					
				DATE	VER
Product Engineering SHEET 1 / 1				ШР	
	Product	Engineering	1 / 1		XME

C C C C C C C C C C C C C C C C C C C	For 60Hz: Class I, Zone 2, IIC Class I, Div2, Gr. A,B,C,D - T3 Div 2 Inverter Duty (5F1.00) CT 2:1/VT 1000:1							VT, 4:1 CT	2000h	T1-BLU	T2-WHT	T3-ORG	T4-YEL	T5-BLK	T6-GRY	が出たる		
COUSTED 3PT9 COUSTED FOR SAFE AREA	For 60Hz: Cla Class I, DIV.2, DIV 2 Invert		0	41.9 48.2	1.15	1.82	92.4%	use on VPWM 1000:1	MOBIL POLYREX EM	_T5	•	●T3	-	13		RSE THE ROTATION	tore servicing unit.	t être mis à la terre
	I CC029A N S/N: S/N:	Hz 60 HP 15 KW 11		SFA	5	CODE G PP U.2	- 1 15	For safe area-inverter duty motor For use on VPWM 1000:1 VT, 4:1 CT	ODE 6208-Z-C3 MOBI	T6 T4	_	. 4Т1 . Т2		L1 L2 I	⊲	INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION WADNING: MANY MILLS for momented in successions with Joury	and hatlonal electrical codes to prevent serious electrical shocks. Disconnect power source before servicing unit.	AVERTISSEMENT: Le moteur doit être mis à la terre
B	MADE IN MEXICO MAT: 12845571 CC029A W01.TE0IC0X0N MODEL 01518ET3P254T-S 23FEB2022 S/N:	PH 3 F FR 254/6T	DUTY CONT.	ALT 1000 m.a.s.	AMB 40°C	ENCL TEFC		For safe area	DE 6309-Z-C3								and nai	1

choc électrique grave. Déconnectez l'alimentation avant l'entretien de la machine. conformement aux codes electriques locaux et nationaux ann d'éviter tout