## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

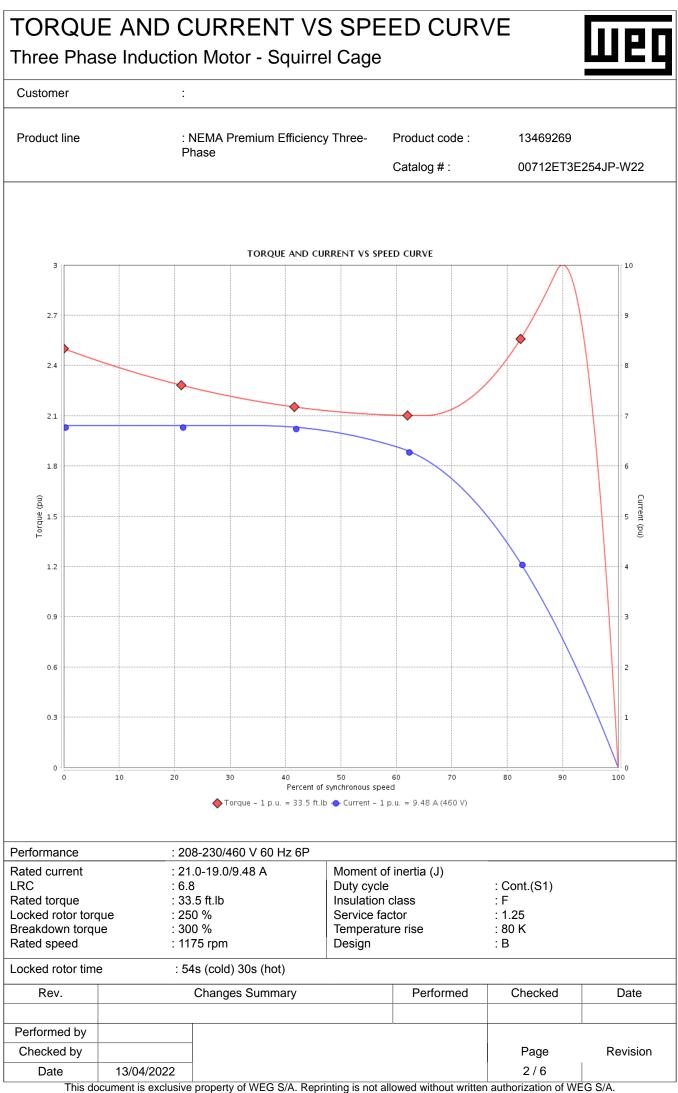
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		: NEM Phas		m Efficiency	Three-	Product code :	13469269	
			-			Catalog # :	00712ET3E	254JP-W22
Frame		: 254				rotor time	: 54s (cold)	) 30s (hot)
Output		: 7.5	HP (5.5 kV	∨)		ature rise	: 80 K	
Poles		: 6			Duty cy		: Cont.(S1)	
Frequency		: 60 H	Ηz		Ambien	t temperature	: -20°C to +	
Rated voltage		: 208	-230/460 \	/	Altitude		: 1000 m.a	.s.l.
Rated current		: 21.0	)-19.0/9.48	3 A		ion degree	: IP55	
L. R. Amperes			-129/64.5	A		method	: IC411 - TI	EFC
LRC			(Code H)		Mountir		: F-1	
No load current			0-9.00/4.5	50 A	Rotatio			and CCW)
Rated speed			5 rpm		Noise le		: 59.0 dB(A	
Slip		: 2.08				method	: Direct On	Line
Rated torque		: 33.5			Approx	. weight <sup>3</sup>	: 278 lb	
Locked rotor torq		: 250						
Breakdown torqu	e	: 300 : E	70					
Insulation class		: F	-					
Service factor Design		: 1.25 : B	)					
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%)	0.000	89.5	90.2	91.0	Max. trac		: 343 lb	
Power Factor	0.00	0.63	0.74	0.80	Max. com		: 621 lb	
			Driv	ve end		Non drive end	d	
Bearing type		:		809 C3		6209 C3	<u>u</u>	
Sealing		:		"Ring		V'Ring		
Lubrication interv	al	:		0000 h		20000 h		
Lubricant amount	t	:		13 g		9 g		
Lubricant type		:						
Notes				MC	bil Polyrex	EM		
Notes This revision repla		ancel the	previous c		These ar	e average values	s based on tests w	
	d. otor from t m and witl veight subj ocess.	he shaft e h toleranc	end. e of +3dB(	one, which (A).	These ar	e average values	s based on tests w he tolerances stipu	
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate w manufacturing pro	d. otor from t m and witl veight subj ocess.	he shaft e h toleranc ject to cha	end. e of +3dB(	one, which A).	These ar power su	e average values		
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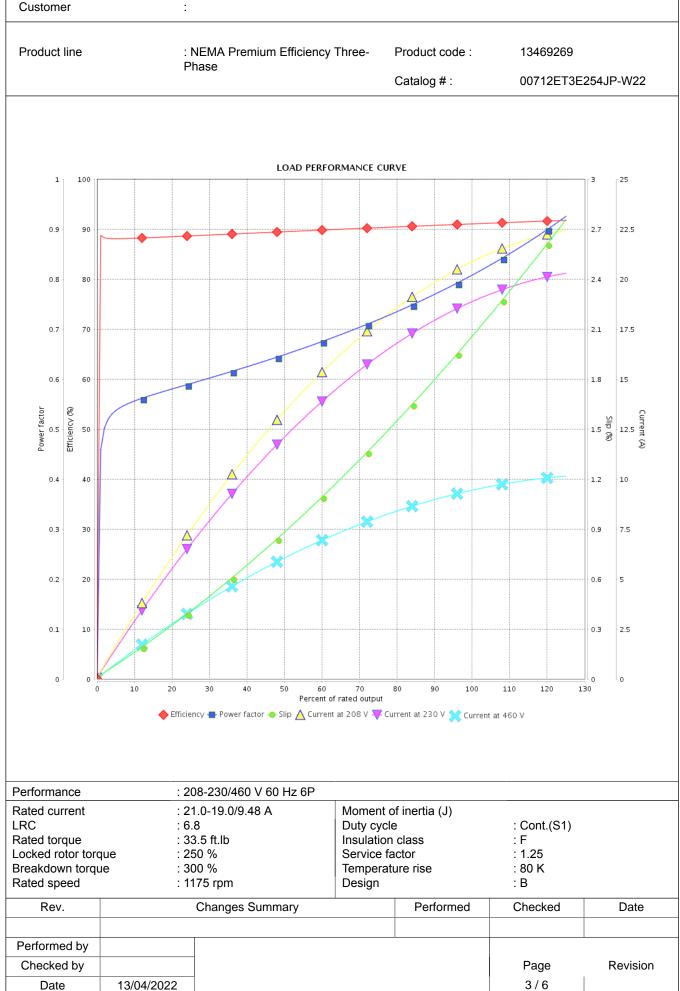
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



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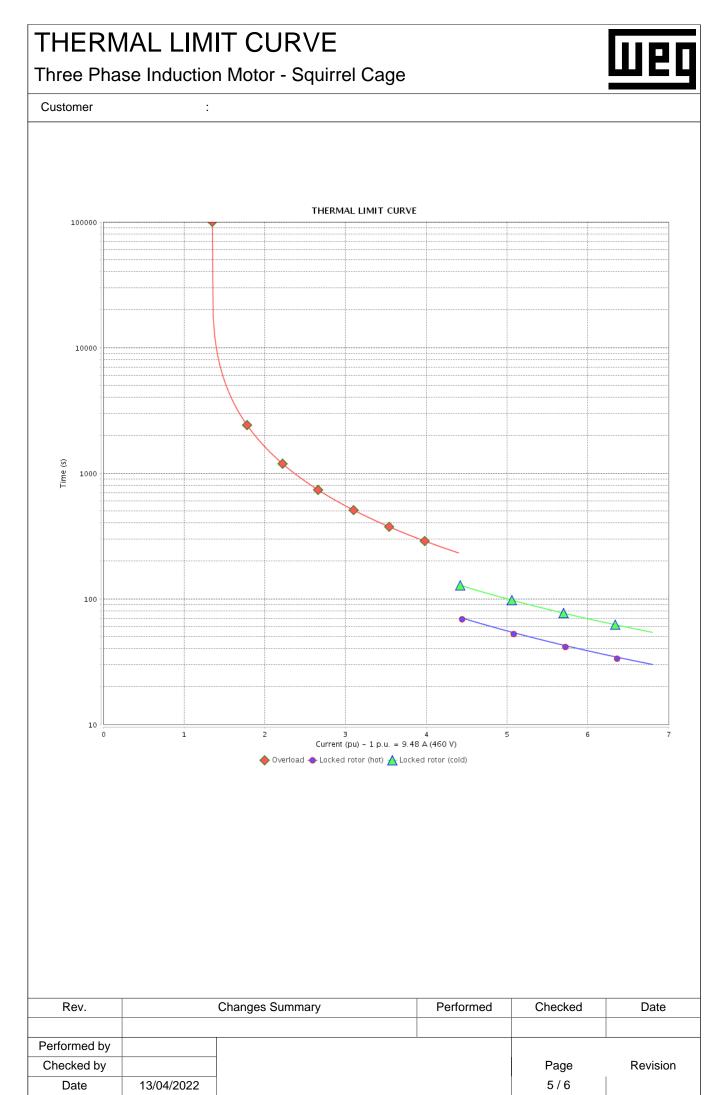
THERMAL LIMIT CURVE						
Three Pha	se Inductio	n Motor - Squirrel	Cage			шсч
Customer	:					
Product line		: NEMA Premium Efficiency Phase		Product code :	13469269	
				Catalog # :	00712ET3E2	254JP-W22
Performance	: 2	08-230/460 V 60 Hz 6P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		1.0-19.0/9.48 A .8 3.5 ft.lb 50 % 00 % 175 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant						
Cooling constant	t	Changes Ourse		Derferme	Oh list l	Data
Rev.		Changes Summary		Performed	Checked	Date
Performed by		_				
Checked by					Page	Revision

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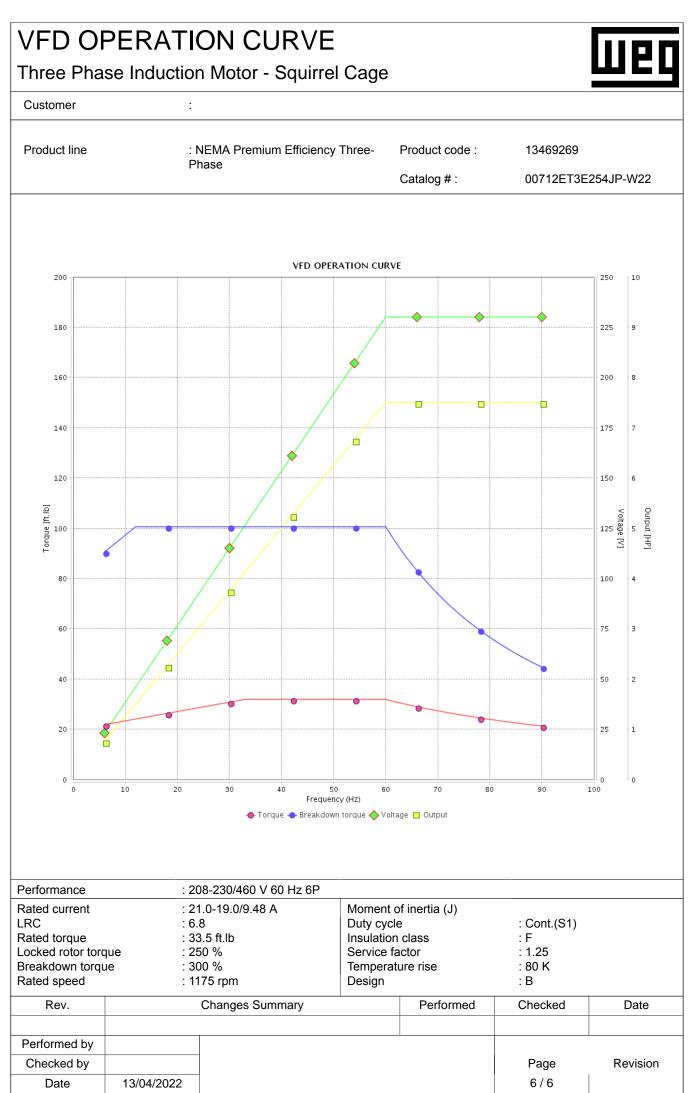
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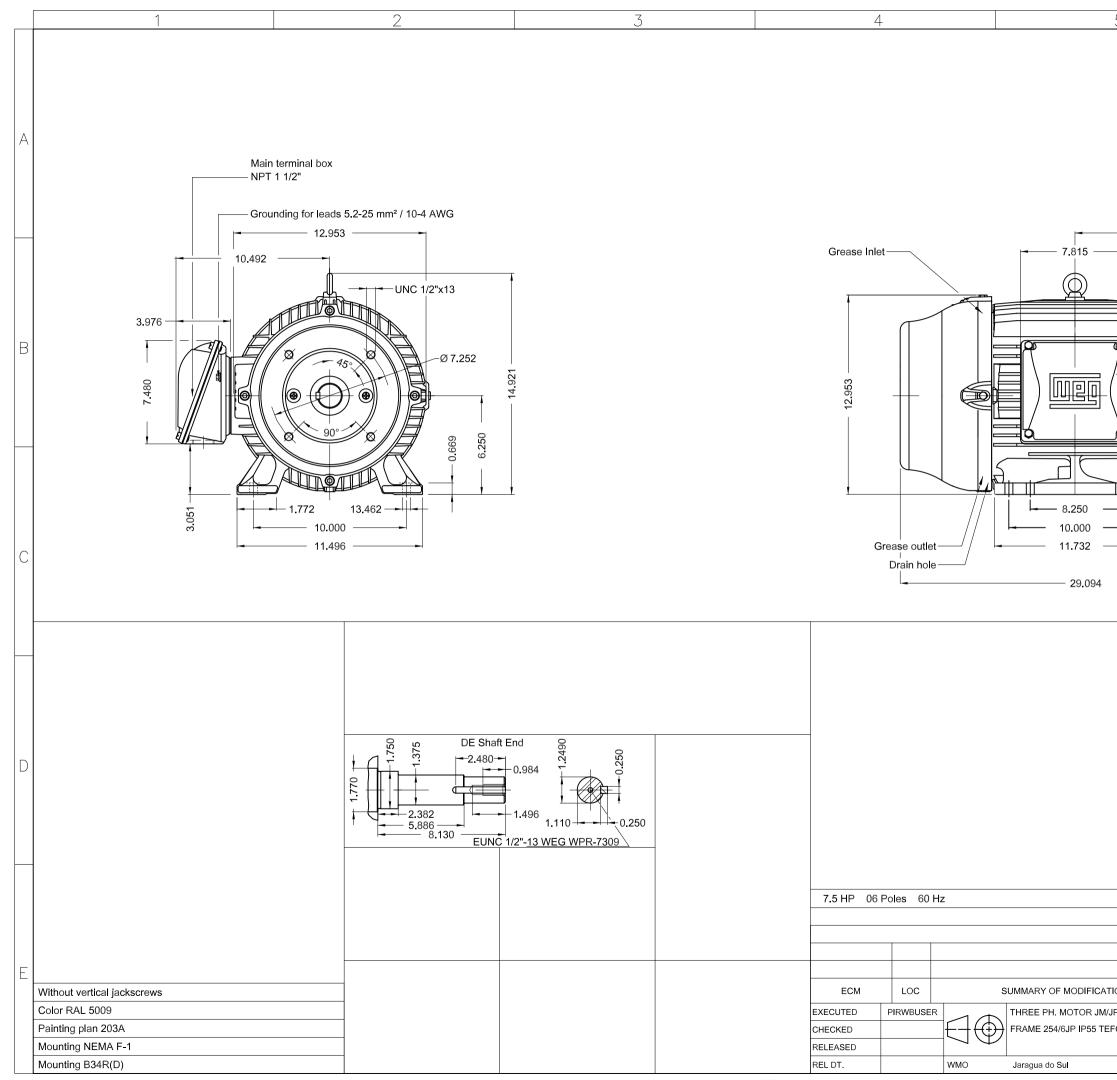
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IONS	EXECUTED	CHECKED	RELEASED	DATE	VER
IP/JET PUMP W22 PF				l	
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Product	t Engineering	BHEET	1 / 1		XME

	CCO29A	Class I, Div 2, Gr. A, B, C and D - T3 Class I, Zone 2, IIC - T3 Class II, Div 2, Gr. F and G - T4 Class II, Div 2, Gr. F, and G - T4 For use on PWM, Gr. A, B, C, D and F, VT 1000:1, CT 20:1, 1.0SF, T3A
DEL 00712ET3E254JP-W22 MADE IN BRAZIL 13469269	PH 3 FR 254/6JP HP(kW) 7.5(5.5) Hz 60   V 230/460 A 19.0/9.48 RPM 1175 DES B	0711 0712 0710 0711 0712 0710   015 016 014 015 016 014 017   018 019 017 012 013 017   012 013 011 012 013 011
12ET3 IN 469.	NEMA NOM EFF 91.0 % INS. CL. F ∆т 80 к IP55	∆ L2 L3 L1 ∆ L2 L3 L1 208-230V 460V
MODEL 007 MADE 13.	ENCL TEFC DUTY CONT. AMB. 40°C   CODE H PF 0.80 SF 1.25 SFA 23.8/11.9   USABLE @208V 21.0 A SF 1.15 SFA 24.1	→ 6309-C3 MOBIL POLYREX EM → 6209-C3 13 g 20000 h
		ALT 1000 m.a.s.l. 300 Lbs