## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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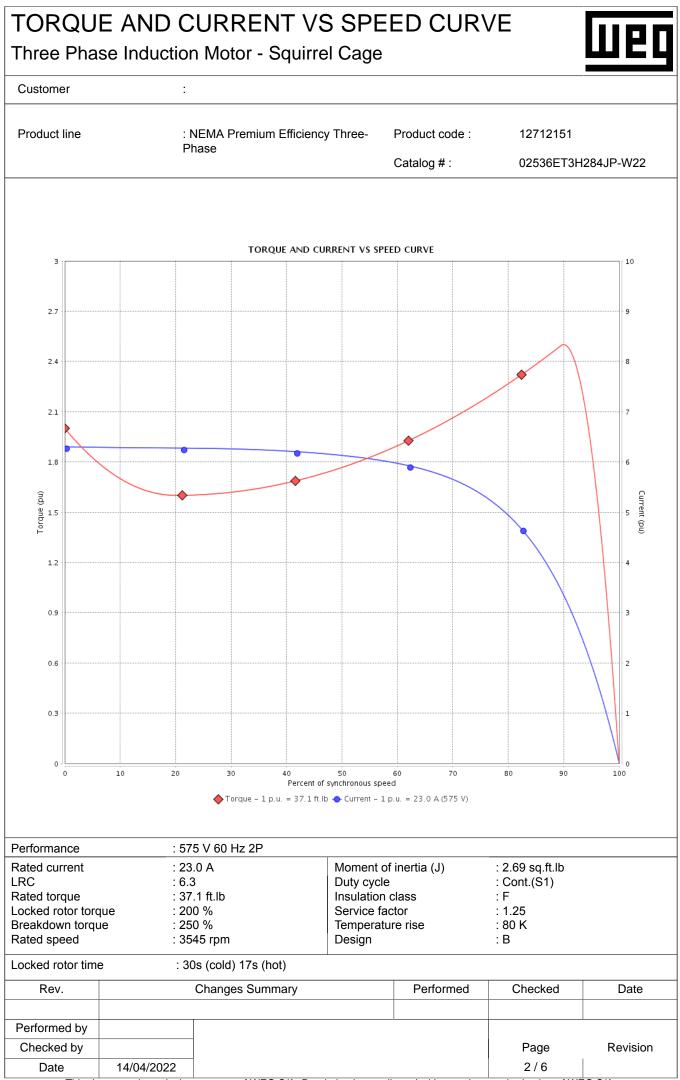
## Customer

		: NEM Phas		m Efficiency T	hree- I	Product code :	12712151		
		Phas	e		(	Catalog # :	02536ET3H284JP-W22		
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) Design		: 2 : 60 H : 575 : 23.0 : 145 : 6.3» : 6.40 : 354 : 1.53 : 37.1 : 200 : 250 : F : 1.25	HP (18.5 k <sup>+</sup> Hz V A ((Code G) ) A 5 rpm 3 % I ft.lb % %	W)	Tempera Duty cy Ambien Altitude Protecti Cooling Mountin Rotation Noise le Starting	t temperature on degree method <sup>19</sup>	: 30s (cold) 17s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 72.0 dB(A) : Direct On Line : 414 lb		
Output	25%	50%	75%	100%	Foundatic	on loads			
Efficiency (%)	90.8	91.0	91.7	91.7	Max. tract		: 197 lb		
Power Factor	0.55	0.79	0.86	0.88	Max. com		: 610 lb		
Sealing Lubrication inter Lubricant amour		:	14	"Ring 1000 h		V'Ring 17000 h			
Lubricant type Notes		:		18 g Mol	bil Polyrex	11 g EM			
Lubricant type	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e	previous c end. e of +3dB(	one, which A).	These an	EM e average values	based on tests w		
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at ( (3) Approximate of manufacturing pr	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c end. e of +3dB(	one, which	These arr power su	EM e average values			
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate of manufacturing pr 4) At 100% of fu Rev.	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c end. e of +3dB( inges after	one, which	These arr power su	EM e average values pply, subject to th	ne tolerances stipu	lated in NEMA	
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c end. e of +3dB( inges after	one, which	These arr power su	EM e average values pply, subject to th	ne tolerances stipu	lated in NEMA	

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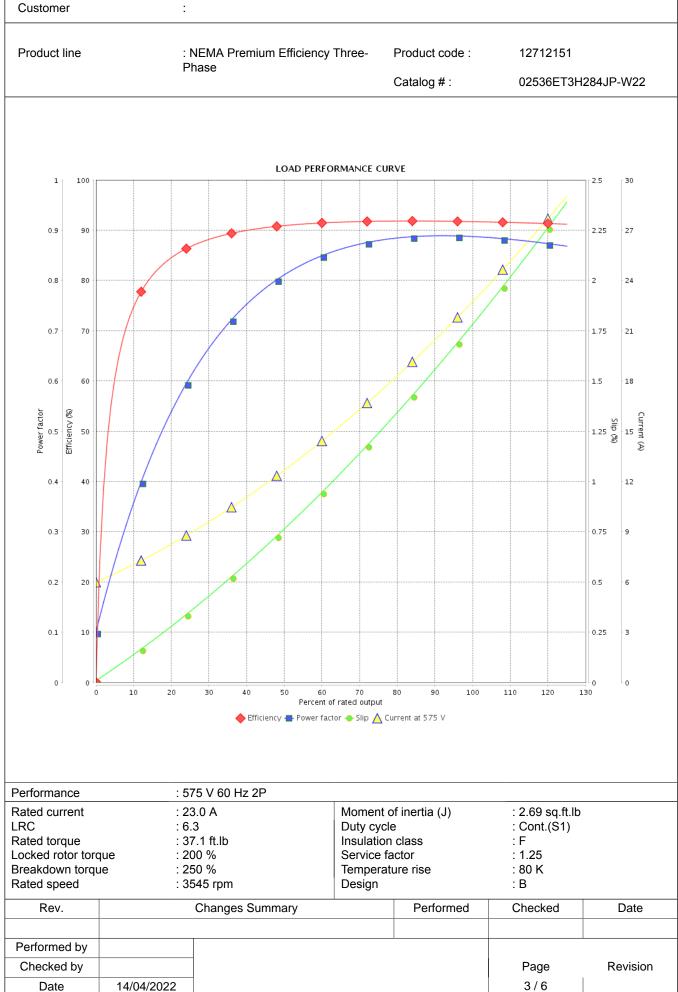
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



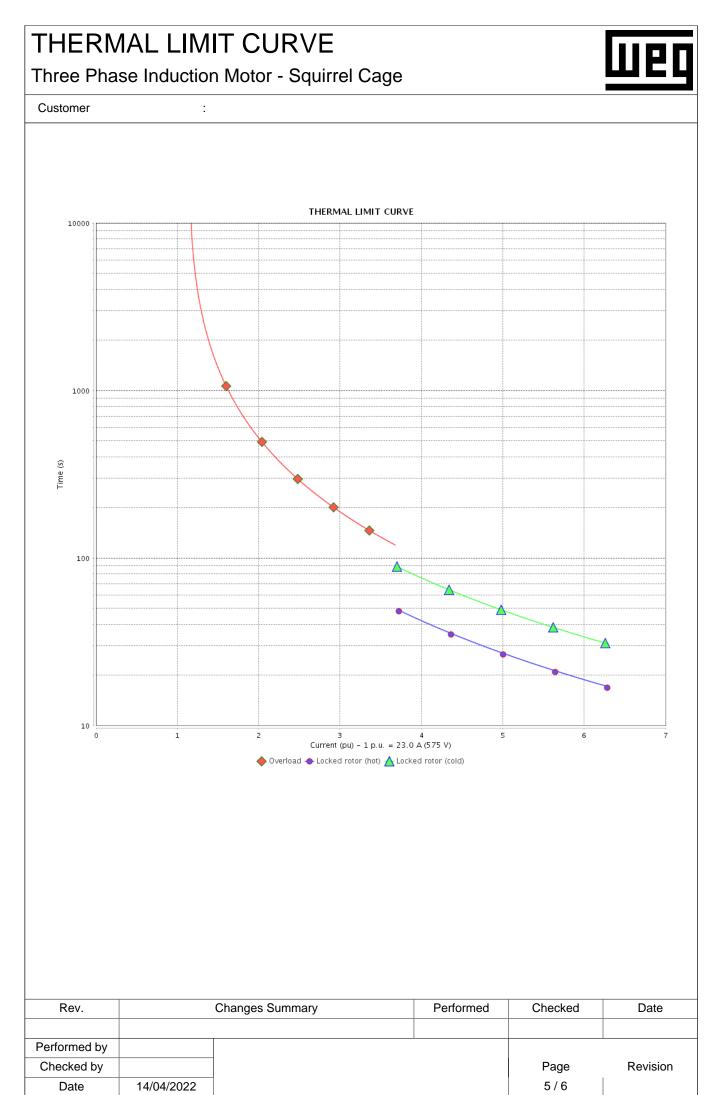
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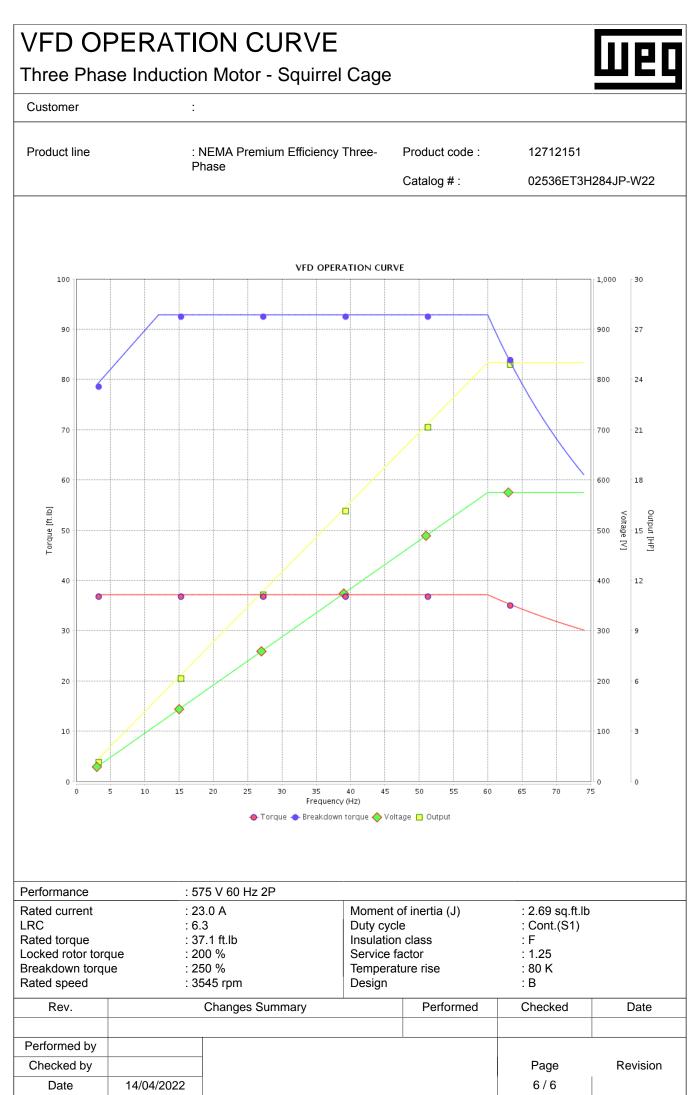
THERMAL L	1100									
Three Phase Induction Motor - Squirrel Cage										
Customer	:									
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12712151							
		Catalog # :	02536ET3H284JP-W22							

Performance	: 5	: 575 V 60 Hz 2P									
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6 : 3 jue : 2 ie : 2	3.0 A .3 7.1 ft.lb 00 % 50 % 545 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 2.69 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B						
Heating constant Cooling constant	Heating constant										
Rev.	Changes Summary			Performed	Checked	Date					
Performed by											
Checked by					Page	Revision					
Date	14/04/2022				4 / 6						

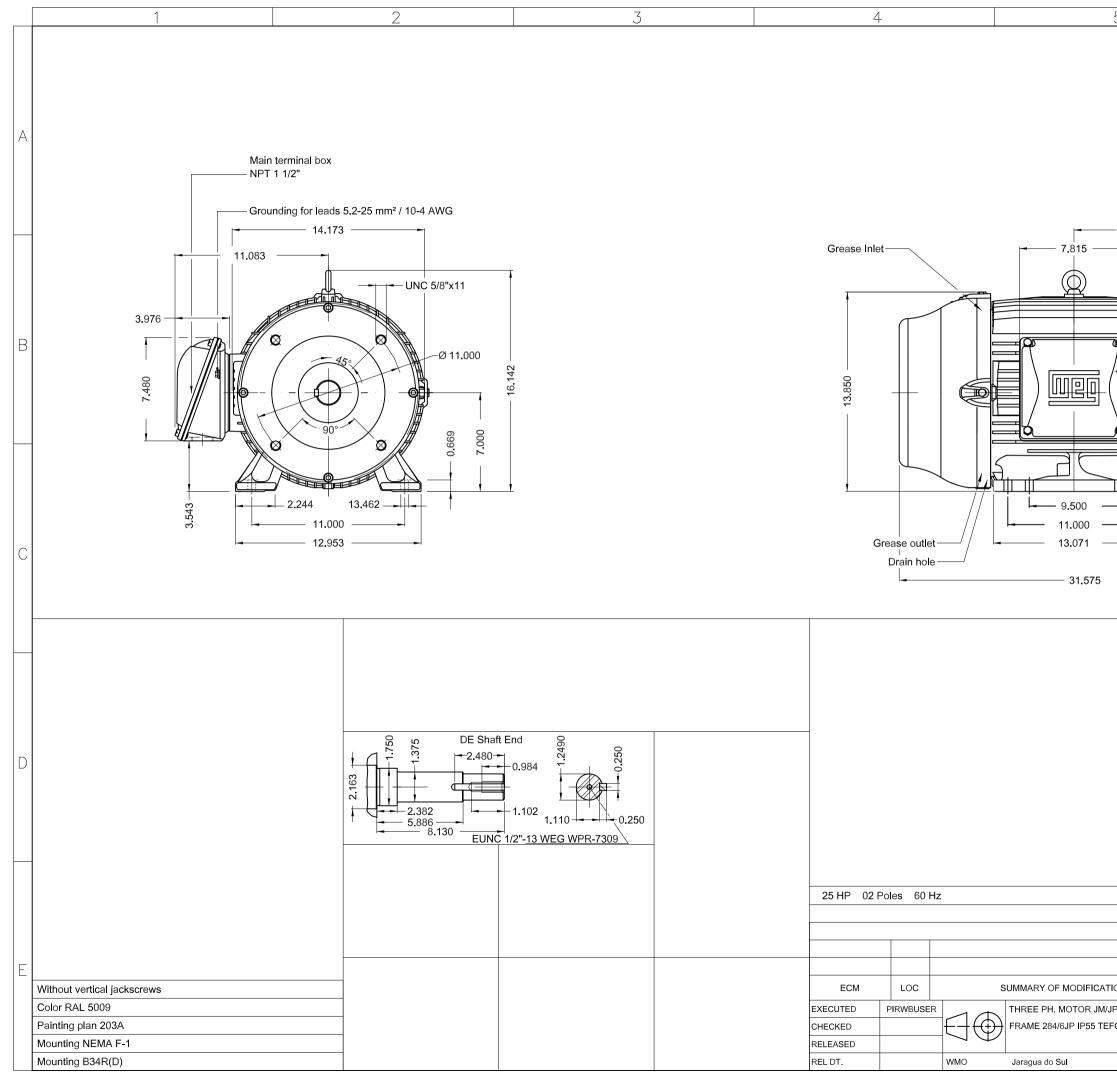
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	- 0.248		Ø			
						Dimensions in inches
					A	
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
IP/JET PUMP W22 PREN FC		PREVI	EW	Ше		A3
Product Er			1 / 1			XME
			,			~

-W22	CCO29A LISUITUU Inverter Duty Motor Severe Duty							C US 1879 FOR SAFE AREA MOD.TE1BF0X0N			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 For use on PWM, Gr. A, B, C, D and F, VT 1000:1, CT 20:1, 1.0SF, T3A					
tJP-V ZIL	PH 3 FR 284/6JP HP(kW) 25(*					25(18	18.5)			0			o <sup>T4</sup>	⊖ <sup>T5</sup>		
3H284 BRA 151	v 575	5			A	23.0				IF	°55		JT1		JT3 L3	
MODEL 02536ET3H284JP-V MADE IN BRAZIL 12712151	NEMA N	NOM EF	F		9	1.7	%	RPM	354	5			Δ	575V	L3	
025 12 12	ENCL T	EFC	DUTY	(	(	CONT.		INS.	CL.	F∆T	80 K		-03	M	OBIL POLYREX EM	
IODEL	PF 0.	88				DES	В	CODE	G	AMB.	40°C	· - 6211-			18 g 14000 h	
2	SF 1.2	25		SFA 2	28.8				ALT	1000	m.a.s.l.			414	Lbs	