DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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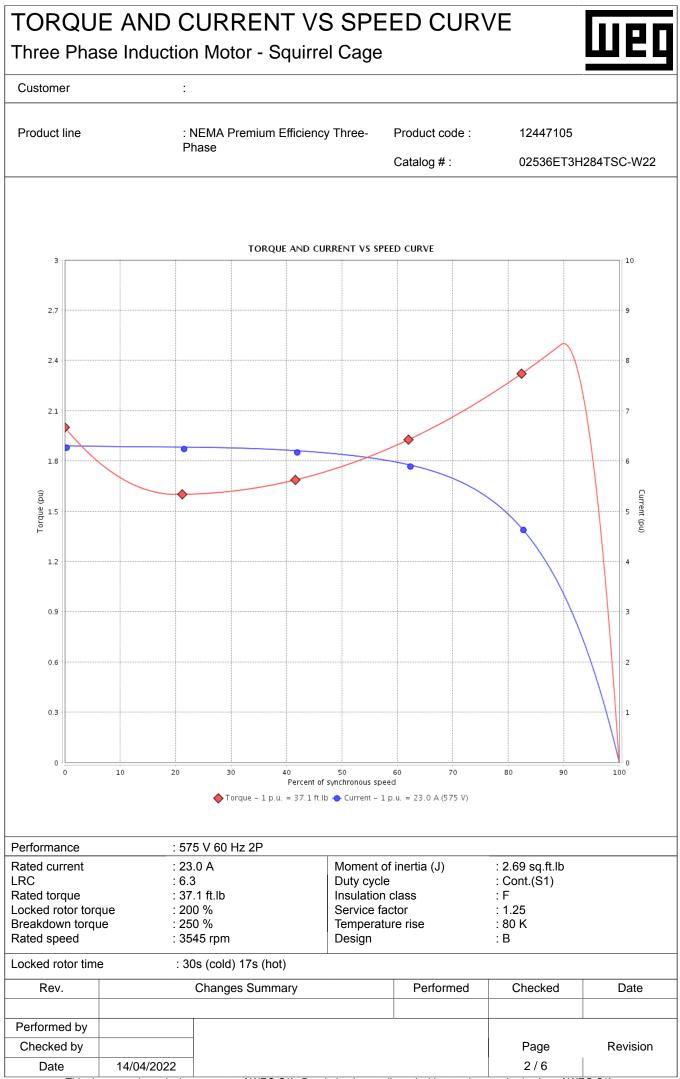
Product line		: NEMA Premium Efficiency Three- Phase			Three- Produ	uct code :	12447105	12447105	
		1 11050			Catal	og # :	02536ET3H	284TSC-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inertia	je	: 25 F : 2 : 60 F : 575 : 23.0 : 145 : 6.3x : 6.40 : 354 : 1.53 : 37.1 : 200 : 250 : F : 1.25	V A A (Code G) A 5 rpm 3 % ft.lb % %	₩)	Locked rotor Temperature Duty cycle Ambient tem Altitude Protection de Cooling meth Mounting Rotation ¹ Noise level ² Starting meth Approx. weig	e rise perature egree hod	: 30s (cold) : 80 K : Cont.(S1) : -20°C to 4 : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 72.0 dB(A : Direct On : 402 lb	-40°C s.l. EFC and CCW)	
Output	25%	50%	75%	100%	Foundation loa	ads			
Efficiency (%) Power Factor	90.8 0.55	91.0 0.79	91.7 0.86	91.7 0.88	Max. traction Max. compress		: 202 lb : 604 lb		
Lubrication interv	vai		14	000 h		17000 h			
Lubricant amour Lubricant type Notes				18 g	bil Polyrex EM	17000 h 11 g			
Lubricant amour Lubricant type	aces and o ed. iotor from Im and wit weight sub ocess.	the shaft e h tolerance	previous c nd. e of +3dB(18 g Mo	These are ave	11 g	based on tests wi		
Lubricant amour Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate v nanufacturing pro	aces and o ed. iotor from Im and wit weight sub ocess.	the shaft e h tolerance ject to cha	previous c nd. e of +3dB(18 g Mo one, which A).	These are ave power supply, MG-1.	11 g			

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 Date
 14/04/2022
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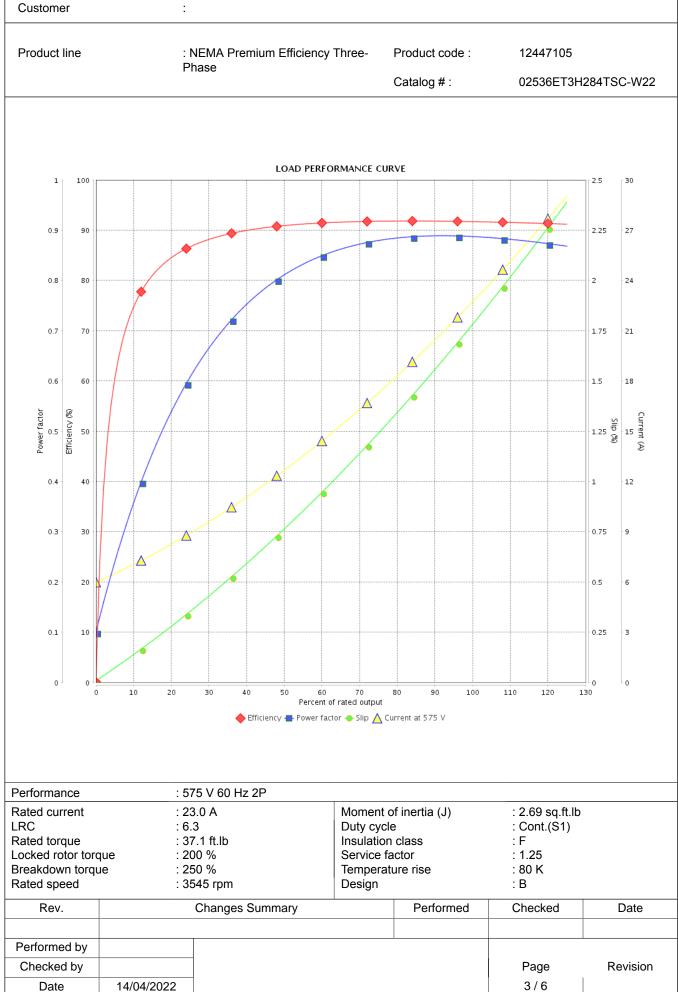
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



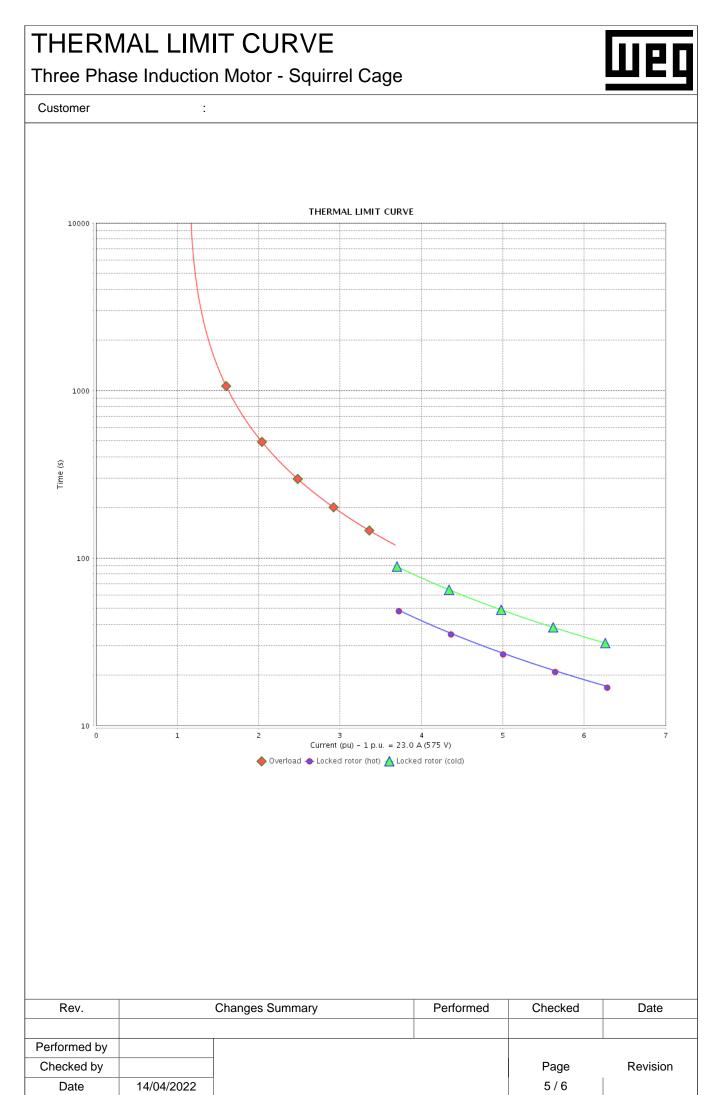
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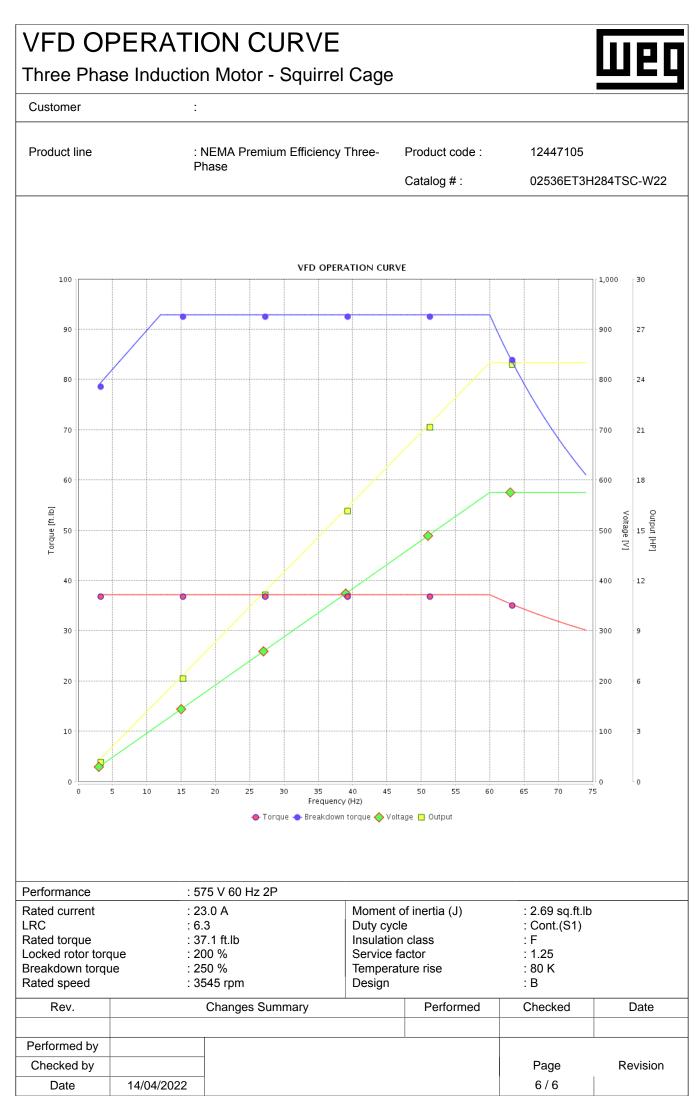
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12447105
	Flidse	Catalog # :	02536ET3H284TSC-W2

Performance	: 5	575 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6 : 3 que : 2 Je : 2	23.0 AMoment of6.3Duty cycle37.1 ft.lbInsulation200 %Service fa250 %Temperat3545 rpmDesign		class ctor	: 2.69 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constan	t					
Cooling constant	t					
Rev.	Changes Summary			Performed	Checked	Date
Performed by						•
Checked by					Page	Revision
Date	14/04/2022				4 / 6	

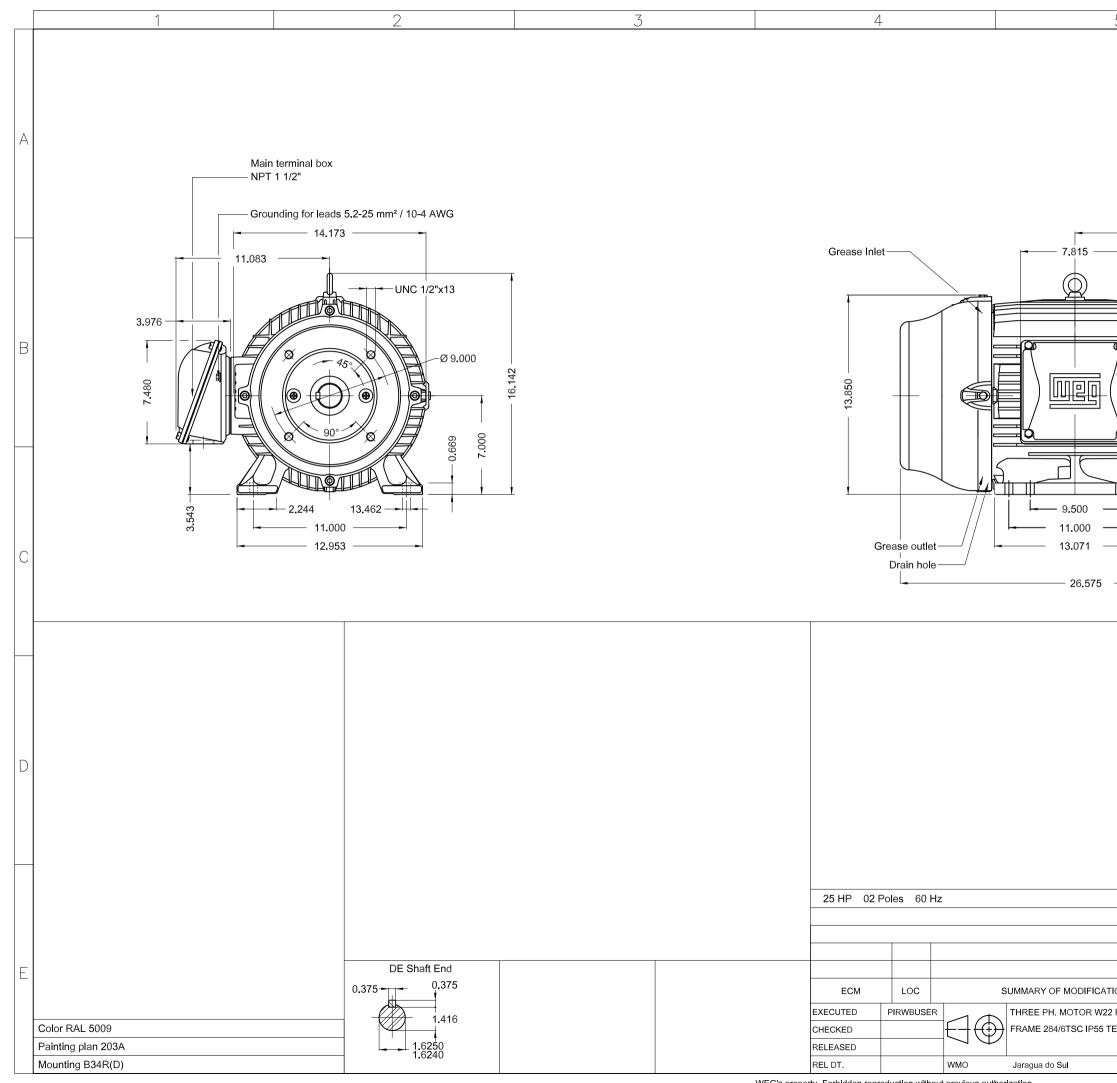
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					A	Dimensions in inches
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PREM. EFF.		PREVI	EW			
EFC		WDD		ШР		A3
Produc	t Engineering	SHEET	1 / 1			XME
	1		1			

