## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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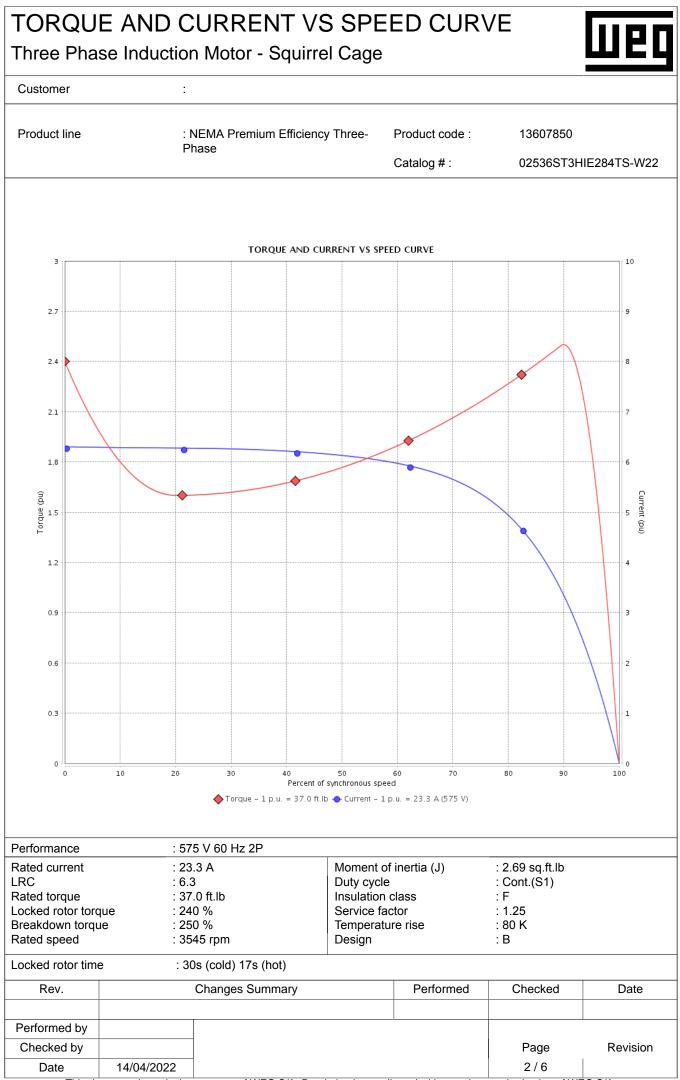


Product line				m Efficiency 1	Three-	Product code :	13607850	
		Phase	е			Catalog # :	02536ST3F	IIE284TS-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 2 : 60 F : 575 : 23.3 : 147 : 6.3× : 6.56 : 354 : 1.53 : 37.0 : 240 : 250 : F : 1.25	HP (18.5 k) Hz V A ((Code G) A 5 rpm 3 % 0 ft.lb % %	<b>(/</b> )	Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature ion degree method ng n <sup>1</sup>	: 30s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 72.0 dB(A : Direct On : 383 lb	) +40°C .s.l. EFC / and CCW)
Dutput	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%)	90.8	91.0	91.7	91.7	Max. trac	tion	: 212 lb	
	nt	:		18 g		17000 h 11 g		
Lubricant type	nt				bil Polyrex	11 g		
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate m	aces and c ed. notor from t 1m and wit weight sub rocess.	the shaft e h tolerance	previous o nd. e of +3dB(	Mo ne, which	These ar	11 g EM	based on tests w tolerances stipu	
Lubricant amour Lubricant type Notes This revision repl nust be eliminate 1) Looking the n 2) Measured at 3) Approximate manufacturing pr 4) At 100% of fu Rev.	aces and c ed. notor from t 1m and wit weight sub rocess.	the shaft e h toleranc ject to cha	previous o end. e of +3dB( nges after	ne, which A).	These ar power su	11 g EM	ne tolerances stipu	ulated in NEMA
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate m	aces and c ed. notor from t 1m and wit weight sub rocess.	the shaft e h toleranc ject to cha	previous o nd. e of +3dB(	ne, which A).	These ar power su	11 g EM		
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate manufacturing pr 4) At 100% of fu	aces and c ed. notor from t 1m and wit weight sub rocess.	the shaft e h toleranc ject to cha	previous o end. e of +3dB( nges after	ne, which A).	These ar power su	11 g EM	ne tolerances stipu	ulated in NEMA
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate of nanufacturing pr 4) At 100% of fu Rev.	aces and c ed. notor from t 1m and wit weight sub rocess.	the shaft e h toleranc ject to cha	previous o end. e of +3dB( nges after	ne, which A).	These ar power su	11 g EM	ne tolerances stipu	ulated in NEMA

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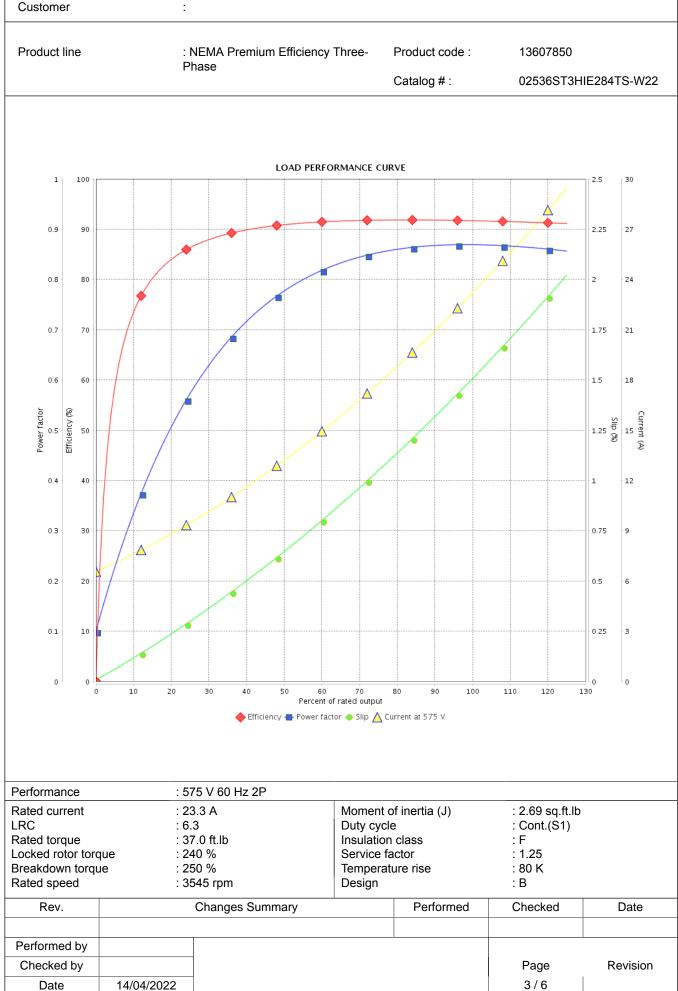


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



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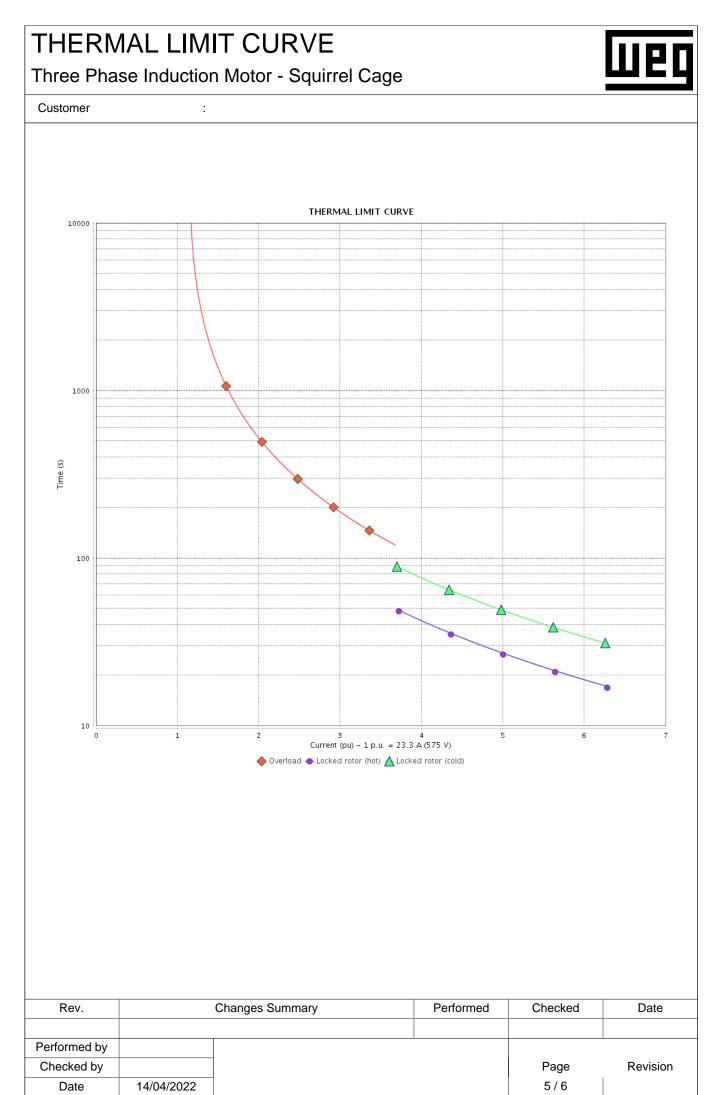
THERMAL LIMIT CURVE						
Three Pha	se Inductio	n Motor - Squirrel	Cage		ļ	
Customer	:					
Product line		NEMA Premium Efficiency <sup>-</sup> Phase	Three-	Product code :	13607850	
	1	hase		Catalog # :	02536ST3HI	E284TS-W22
Performance		75 V 60 Hz 2P 3.3 A	Momont o	finartia (I)	: 2 60 cg ft lb	
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6 : 3 jue : 2 ie : 2		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 Rev.	[ 	Changes Summary		Performed	Checked	Date
Performed by Checked by		_			Page	Revision

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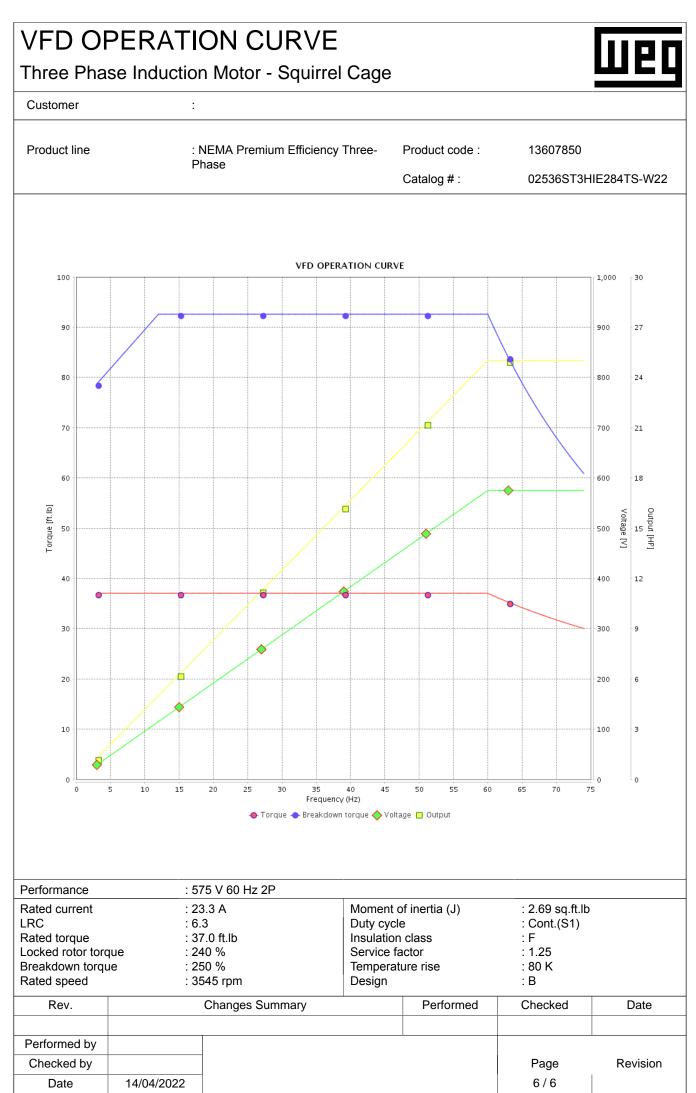
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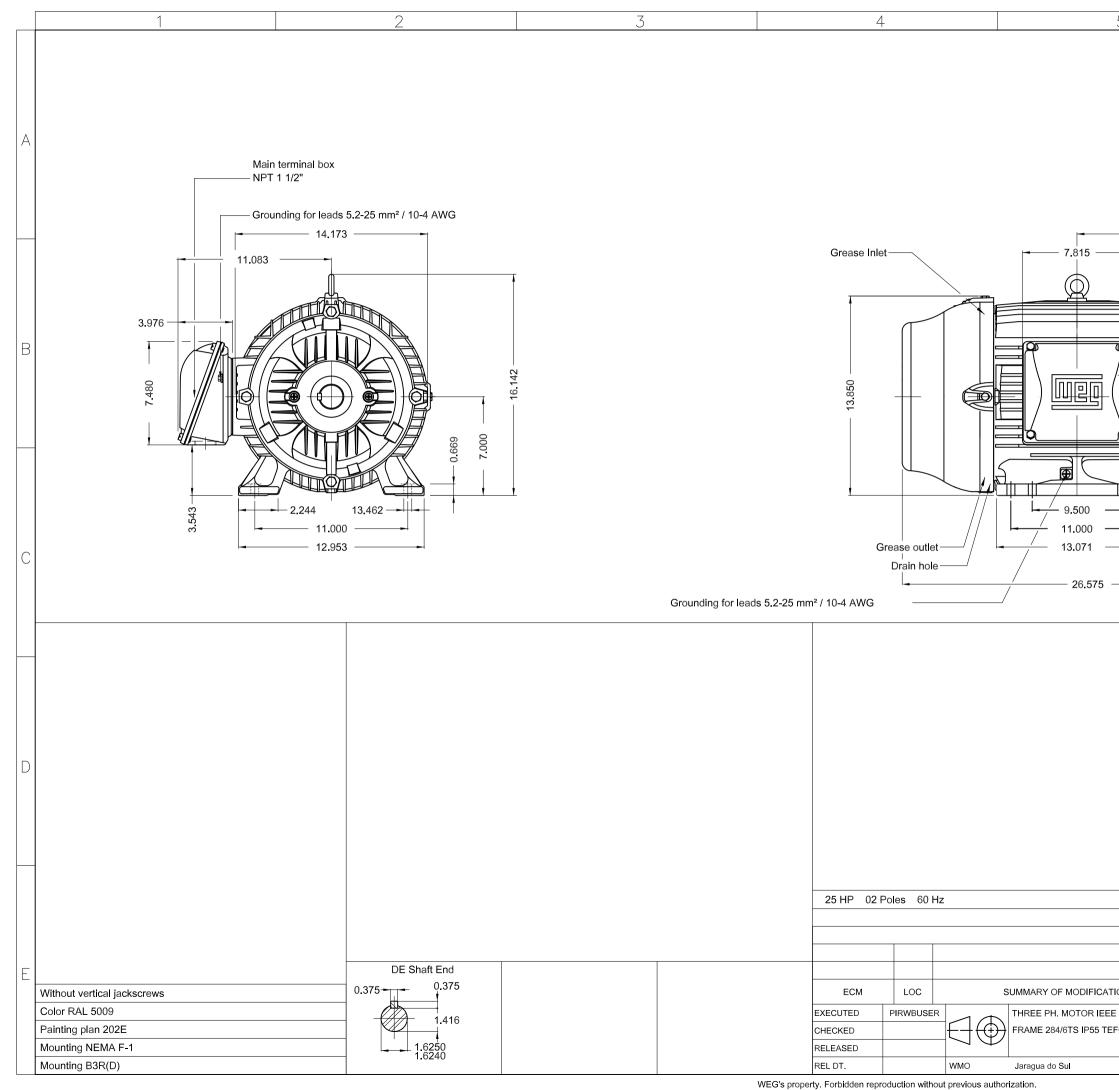
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