## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Product line		: NEM Phas		m Efficiency T	Three-	Product code :	12682577	
					(	Catalog # :	00236OT3H	1145T-S
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti Design	que ue	: 2 : 60 H : 575 : 1.94 : 17.2 : 8.9» : 0.73 : 351 : 2.50 : 2.99 : 220 : 330 : F : 1.15	P (1.5 kW) Hz V 4 A 2 A ((Code K) 34 A 0 rpm ) % 9 ft.lb % %		Tempera Duty cyu Ambien Altitude Cooling Mountin Rotatior Noise le Starting	t temperature method lg l <sup>1</sup>	: 25s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IC01 - OE : F-1 : Both (CW : 62.0 dB(A : Direct On : 37.1 lb	-40°C .s.l. )P and CCW)
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%)	83.7	84.0	85.5	85.5	Max. tract		: 67 lb	
Power Factor	0.49	0.77	0.86	0.91	Max. com		: 104 lb	
	nt					-		
Lubricant amoun Lubricant type Notes	nt	:		- Mol	bil Polyrex	EM		
Lubricant type Notes This revision rep must be eliminat (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc	end. e of +3dB(	one, which A).	These and	e average values	s based on tests w ne tolerances stipu	
	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB( inges after	one, which A).	These are power su	e average values		
Lubricant type Notes This revision rep must be eliminati (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(	one, which A).	These are power su	e average values pply, subject to th	ne tolerances stipu	Iated in NEMA
Lubricant type Notes This revision rep must be eliminati (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB( inges after	one, which A).	These are power su	e average values pply, subject to th	ne tolerances stipu	Iated in NEMA
Lubricant type Notes This revision rep must be eliminati (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB( inges after	one, which A).	These are power su	e average values pply, subject to th	ne tolerances stipu	Iated in NEMA

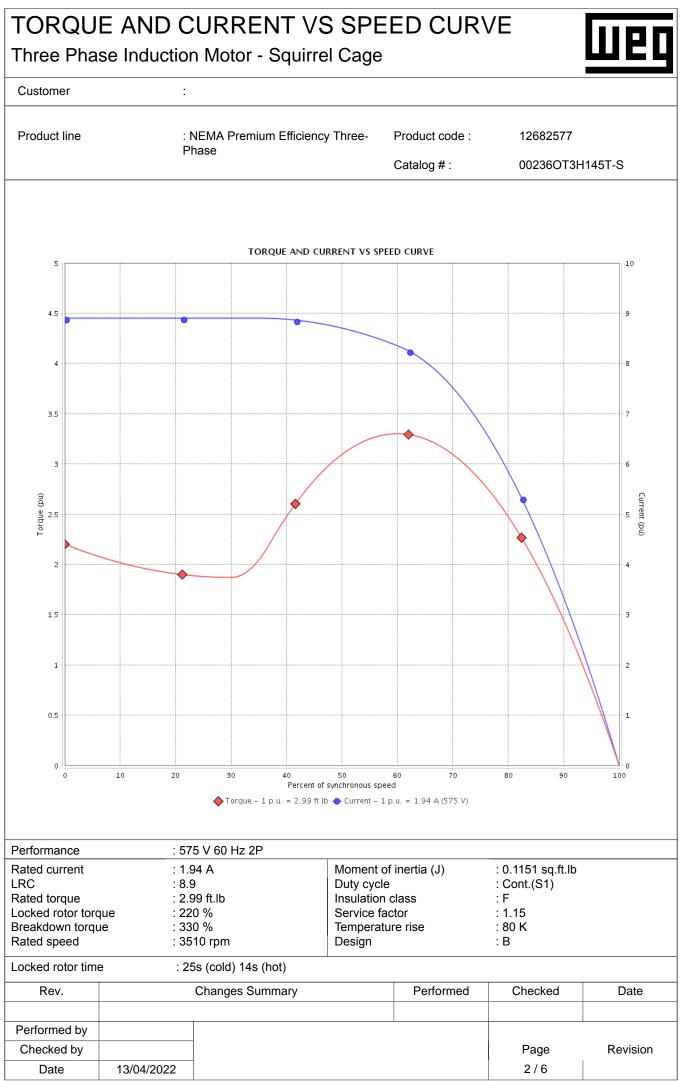
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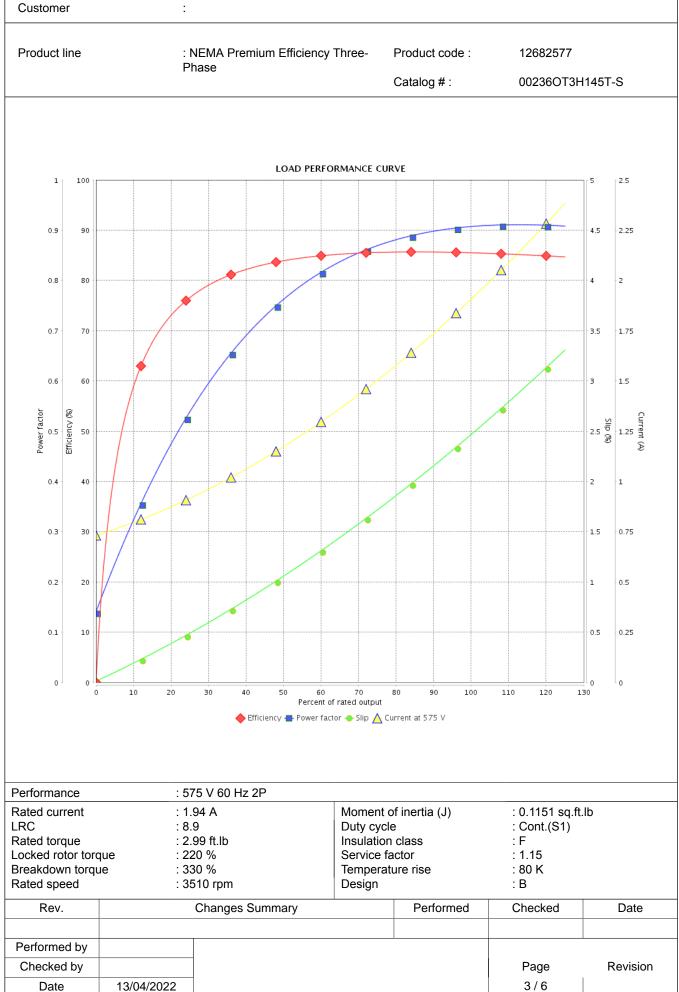
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



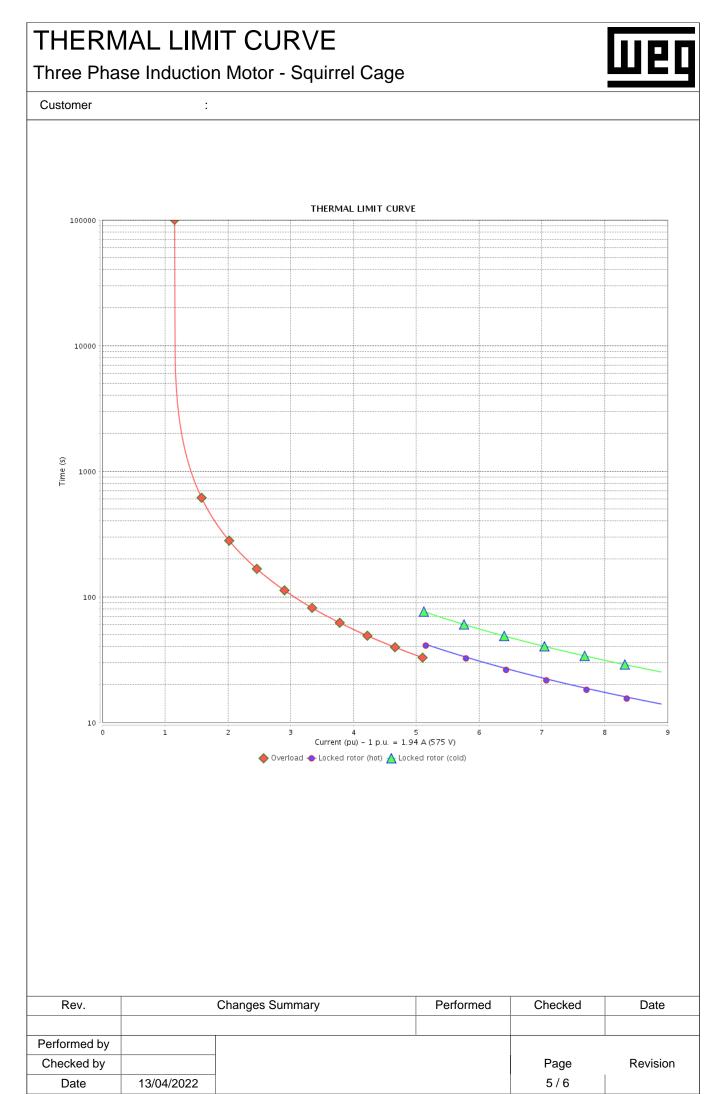
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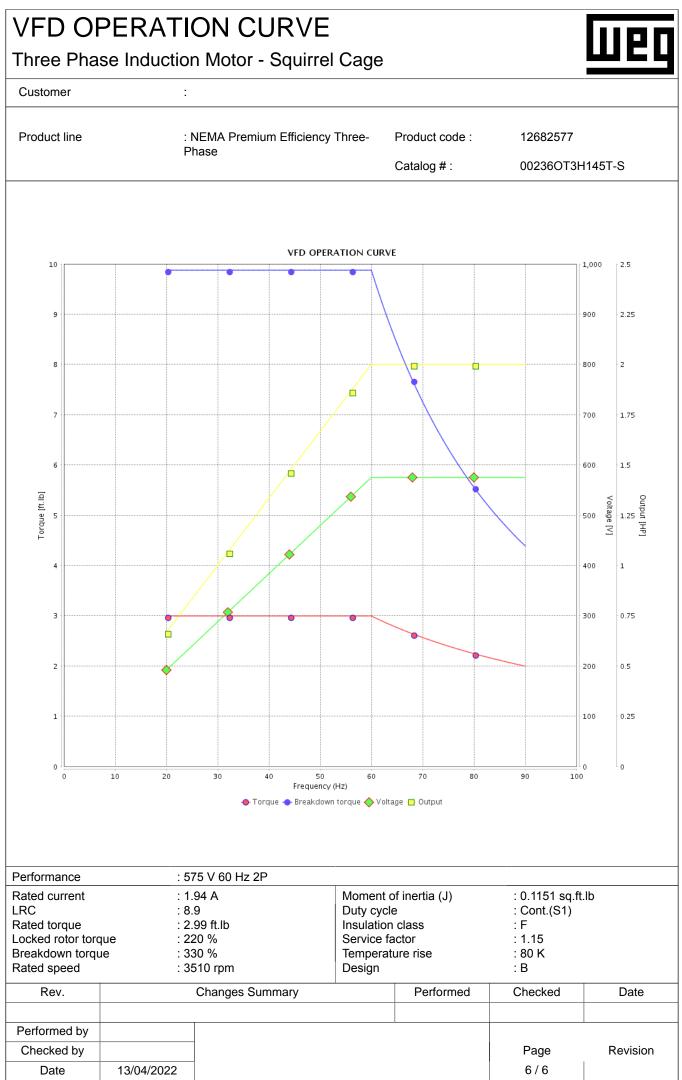
THERMAL LII	Шео		
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12682577
		Catalog # :	00236OT3H145T-S

Performance		: 575 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		1.94 AMoment of3.9Duty cycle2.99 ft.lbInsulation220 %Service fa330 %Temperat3510 rpmDesign		class ctor	: 0.1151 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				4/6	

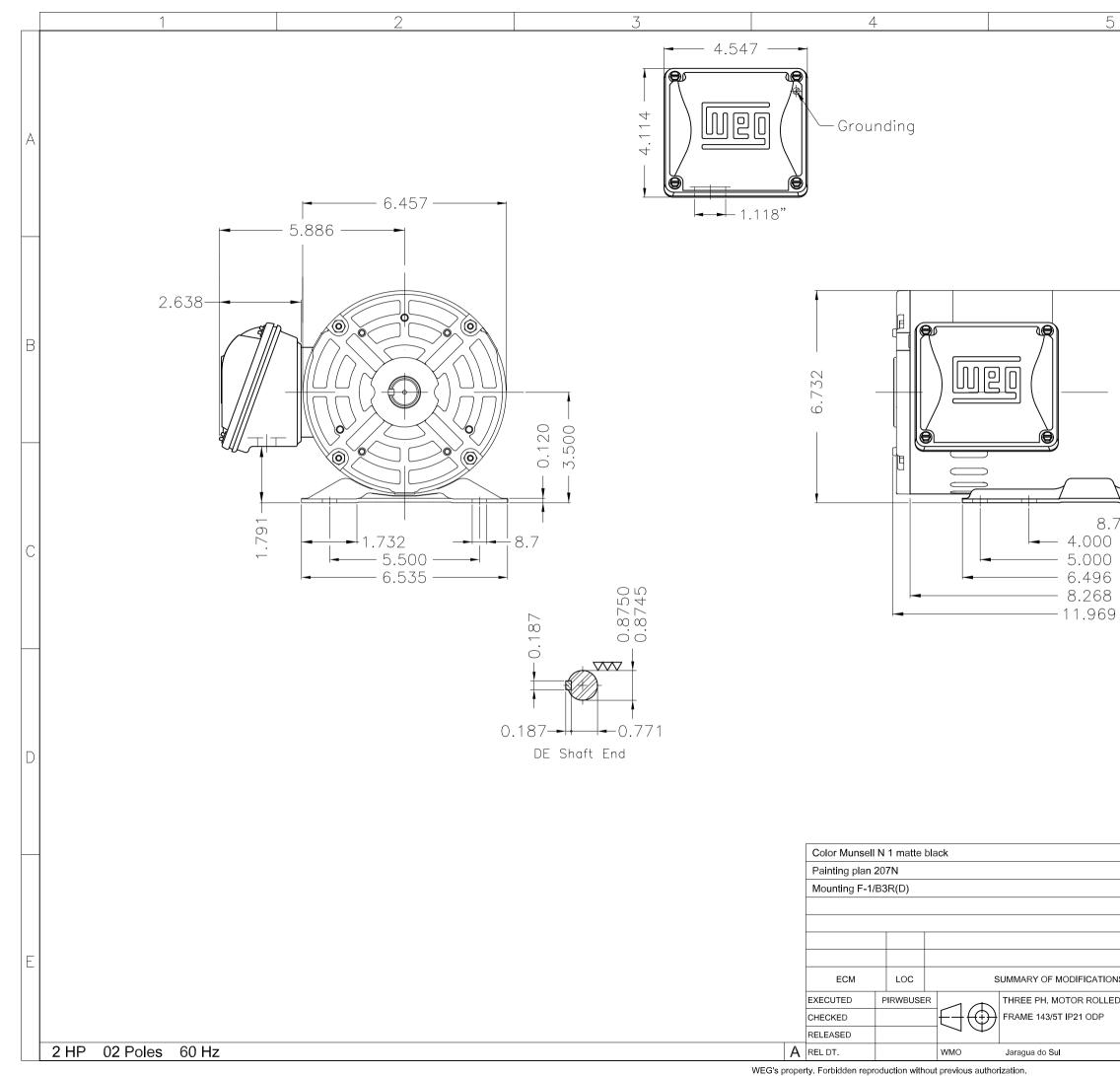
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		• • • 1.41 • • 2.2				Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
LED STEEL PREM. E	FF.	PREV	EW			A3
		WDD		ШВ	L	
Produc	t Engineering	SHEET	1 / 1			XME

