DATA SHEET

Three Phase Induction Motor - Squirrel Cage

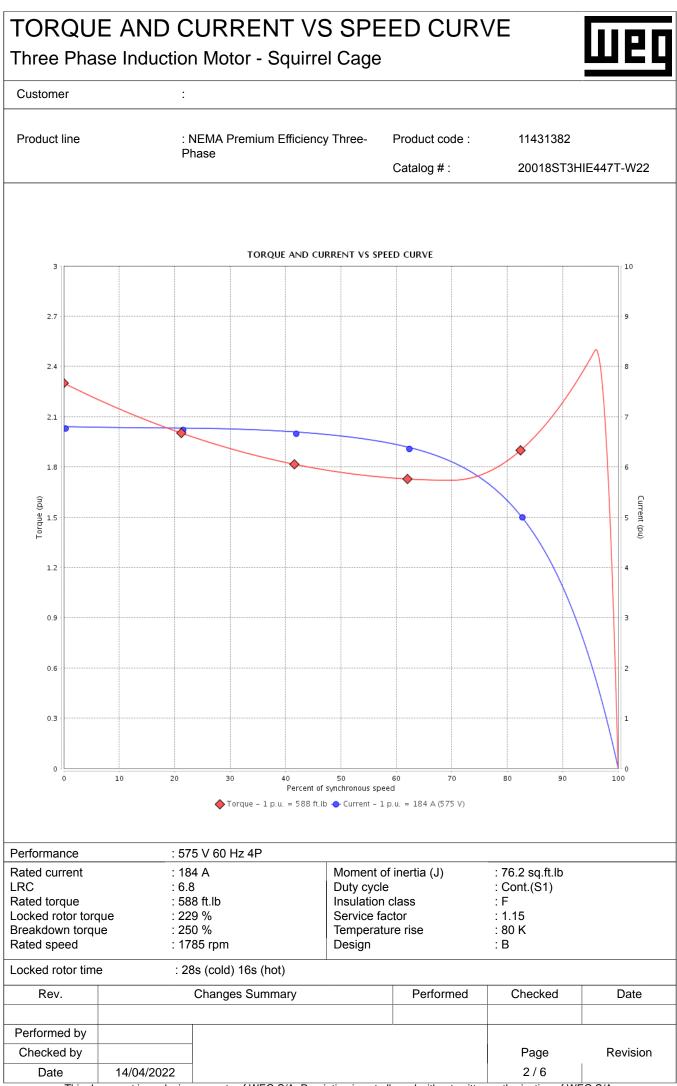
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Customer

		: NEMA Premium Efficiency T Phase			Three- Product code :		11431362	11431382	
						Catalog # :	20018ST3F	1IE447T-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torqu Breakdown torqu Insulation class Service factor Moment of inertia	ie	: 4 : 60 F : 575 : 184 : 125 : 6.8 : 56.0 : 178 : 0.83 : 588 : 229 : 250 : F : 1.15	HP (150 k Hz A 1 A ((Code G)) A 5 rpm 3 % ft.lb % %	:W)	Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature on degree method ng n ¹	: 28s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 73.0 dB(A : Direct On : 2313 lb) +40°C .s.l. EFC / and CCW) \)	
Design	a (J)	: 70.2 : B	2 sq.ft.lb						
Dutput	25%	50%	75%	100%	Foundatio	on loads	· · · · · · · · · · · · · · · · · · ·		
fficiency (%)	95.7	95.8	96.2	96.2	Max. trac	tion	: 2765 lb		
ower Factor	0.50	0.73	0.82	0.85	Max. com	pression	: 5078 lb		
Sealing _ubrication inter\ _ubricant amoun _ubricant type			8	ro/Seal 000 h 45 g Mo	bil Polyrex	Inpro/Seal 10000 h 34 g EM			
Notes									
This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful	ed. otor from Im and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(inges after	A).		pply, subject to th	e based on tests w ne tolerances stipu	ulated in NEMA	
This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v	ed. otor from Im and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(A).	power su	•			
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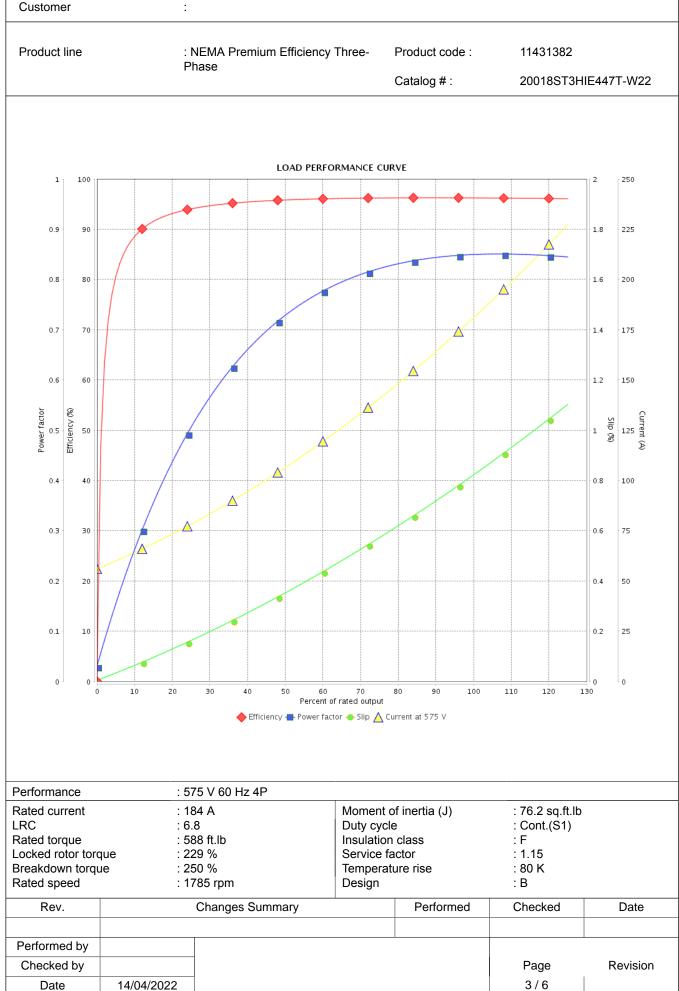


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer

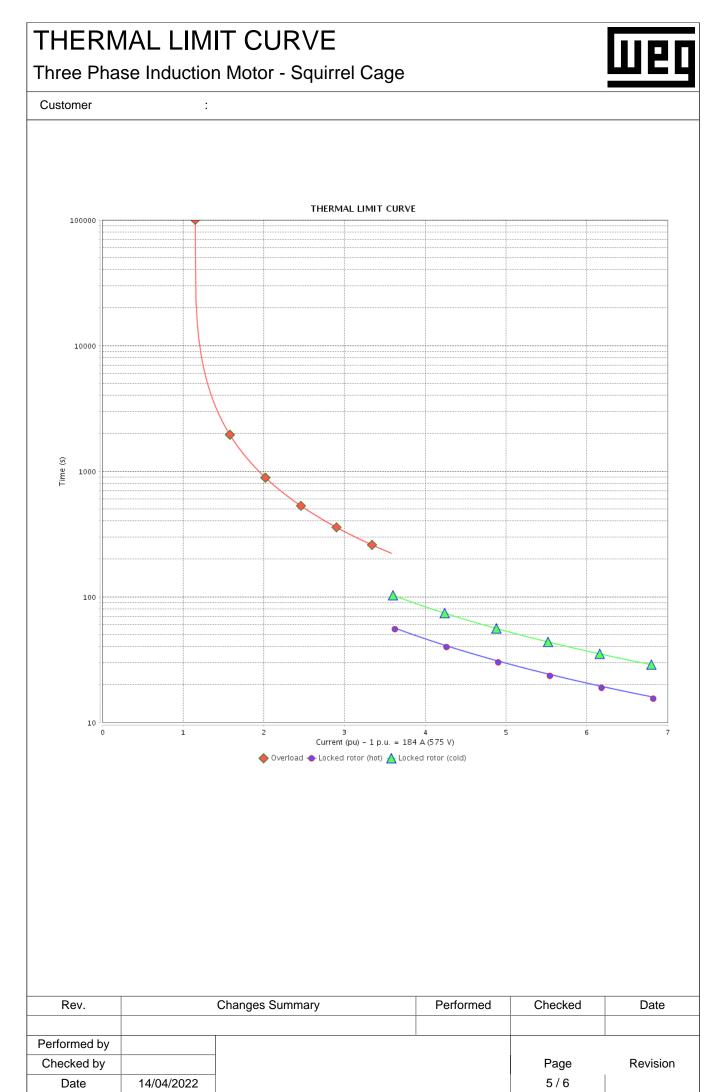


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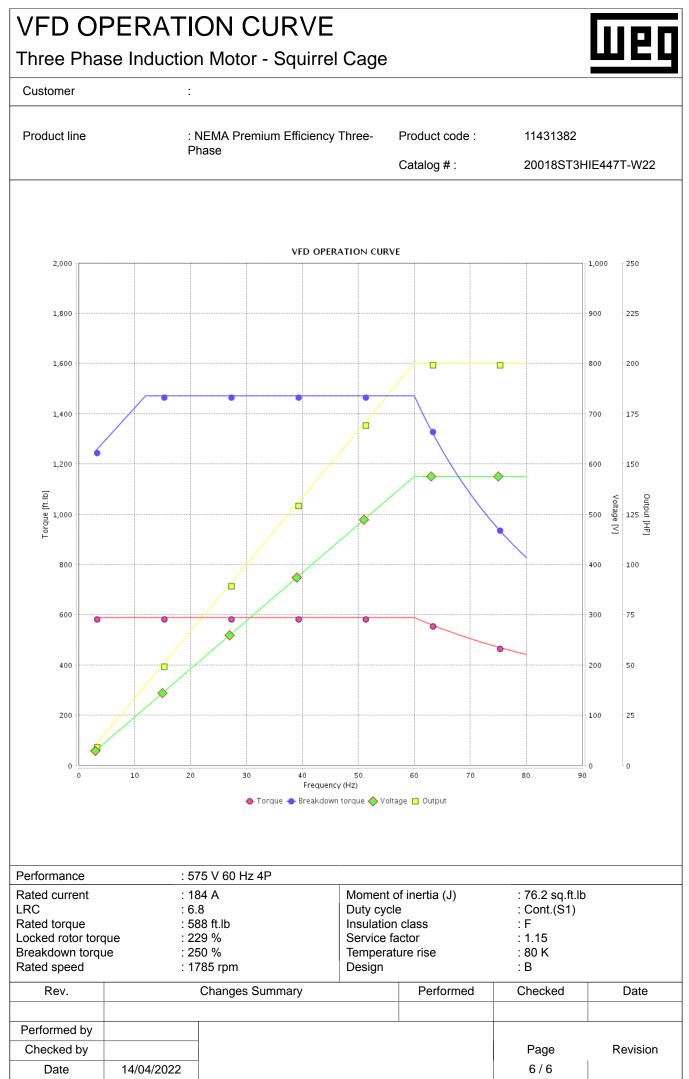
THERMAL LIMIT CURVE Three Phase Induction Motor - Squirrel Cage						
Customer	:					
Product line	: NEMA Premium Efficiency Three- Phase	Product code : Catalog # :	11431382 20018ST3HIE447T-W22			

: 76.2 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Date	
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Revision	

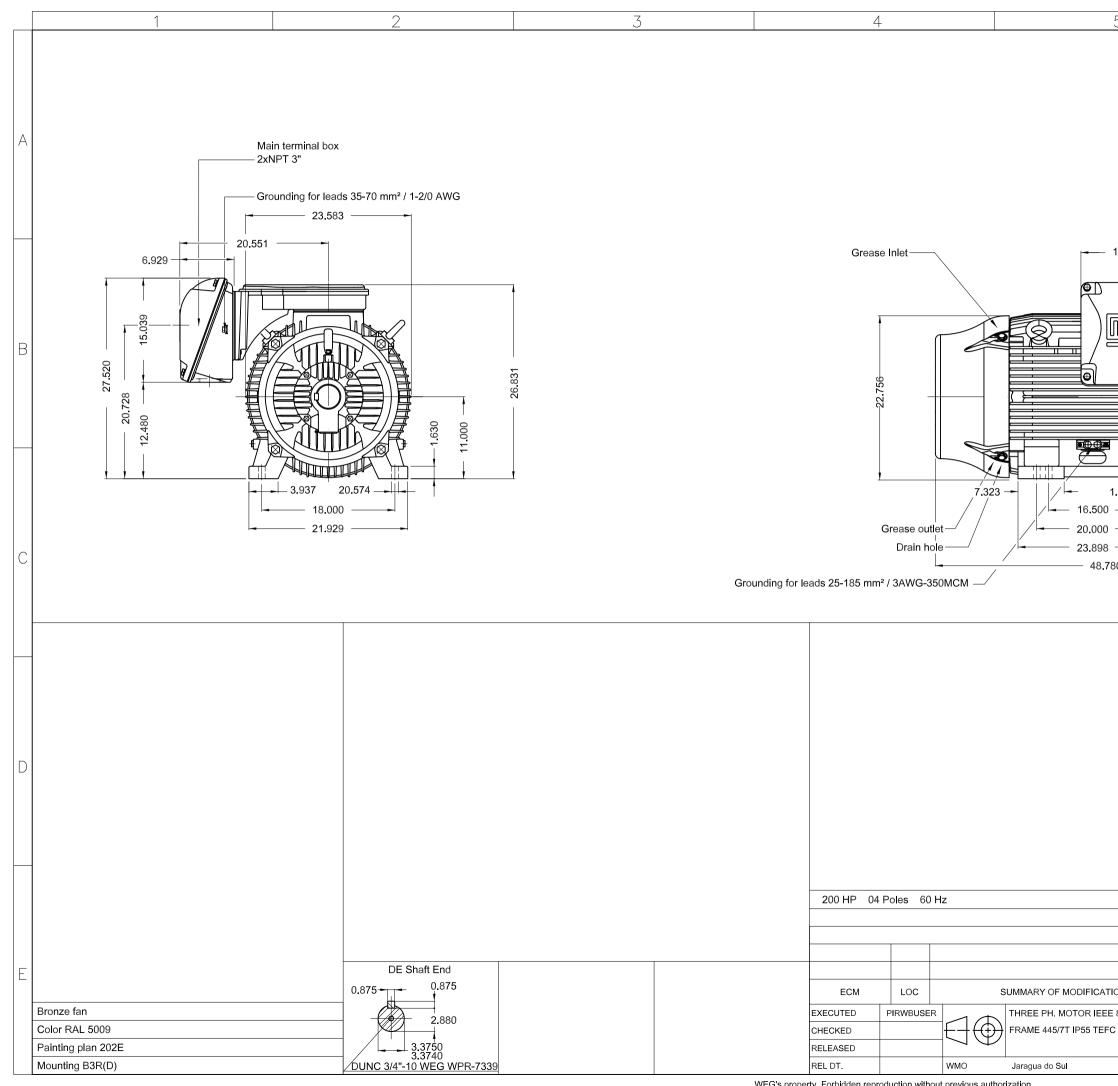
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Product I	Engineering	SHEET	1 / 1			XME

