DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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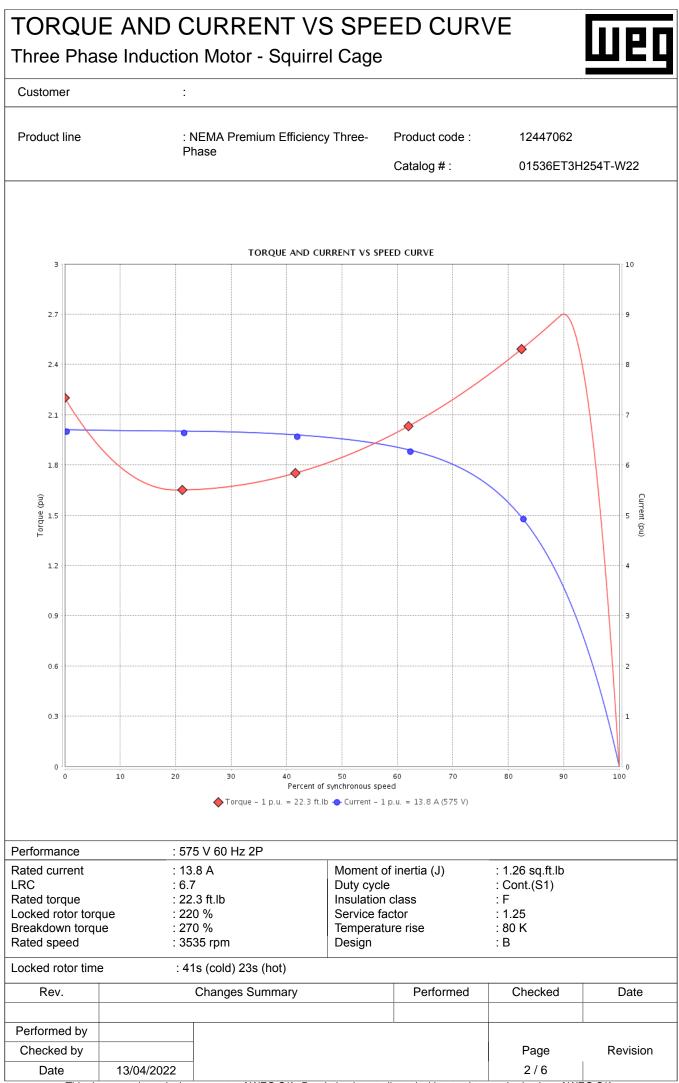


Product line		: NEMA Premium Efficiency Tl Phase				Product code :		12447062	
						Catalog # :	01536ET3H	1254T-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inertia Design	ue	: 2 : 60 F : 575 : 13.8 : 92.2 : 6.7 : 3.68 : 353 : 1.81 : 22.3 : 220 : 270 : F : 1.25	HP (11 kW) Hz A A (Code G) A 5 rpm 5 rpm W 3 ft.lb % %		Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise k Starting	t temperature ion degree method ng n ¹	: 41s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 72.0 dB(A : Direct On : 276 lb	+40°C .s.l. EFC and CCW)	
Output	25%	50%	75%	100%	Foundatio	on loads			
Efficiency (%) Power Factor	89.2 0.55	89.5 0.77	91.0 0.85	91.0 0.88	Max. trac Max. corr		: 150 lb : 426 lb		
Bearing type Sealing Lubrication inter- Lubricant amour		:	V 19	09 C3 'Ring 000 h		6209 C3 V'Ring 20000 h			
Lubricant type		· · · · · · · · · · · · · · · · · · ·		13 g Mo	bil Polyrex	9 g EM			
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	laces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc	previous o end. e of +3dB(/	ne, which	These ar	EM Te average values	based on tests w		
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate v manufacturing pro-	laces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(/	ne, which A).	These ar	EM Te average values			
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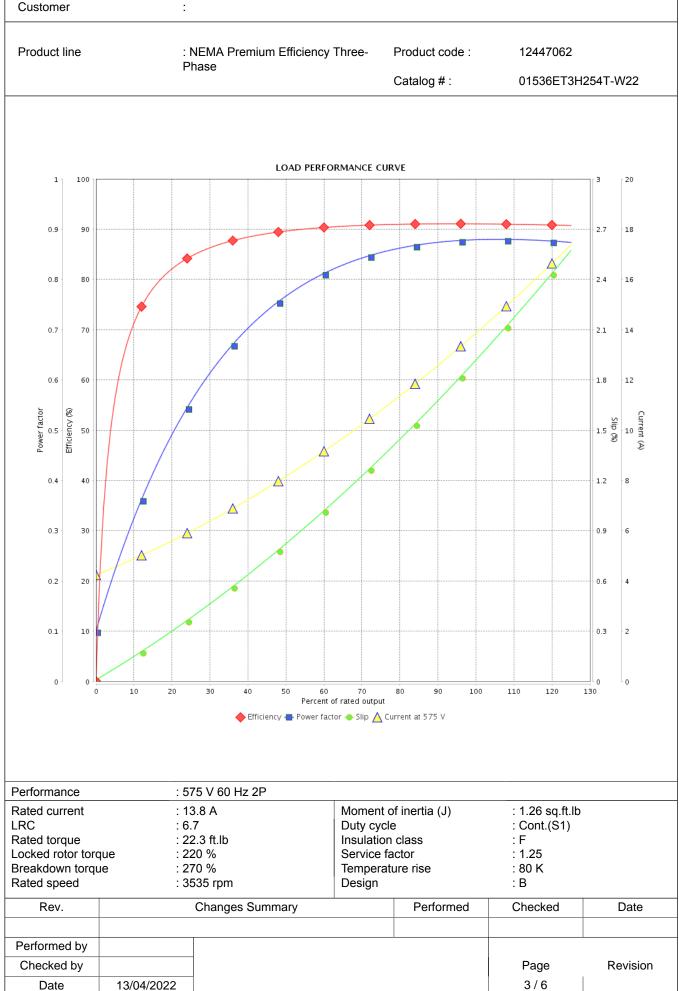


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



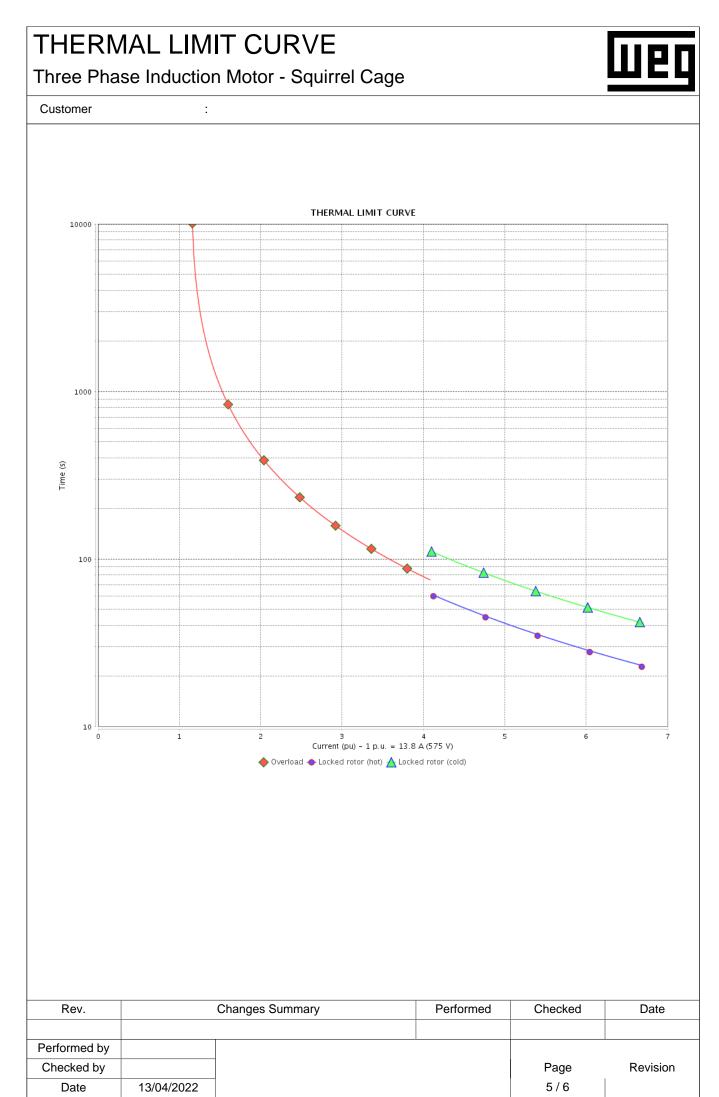
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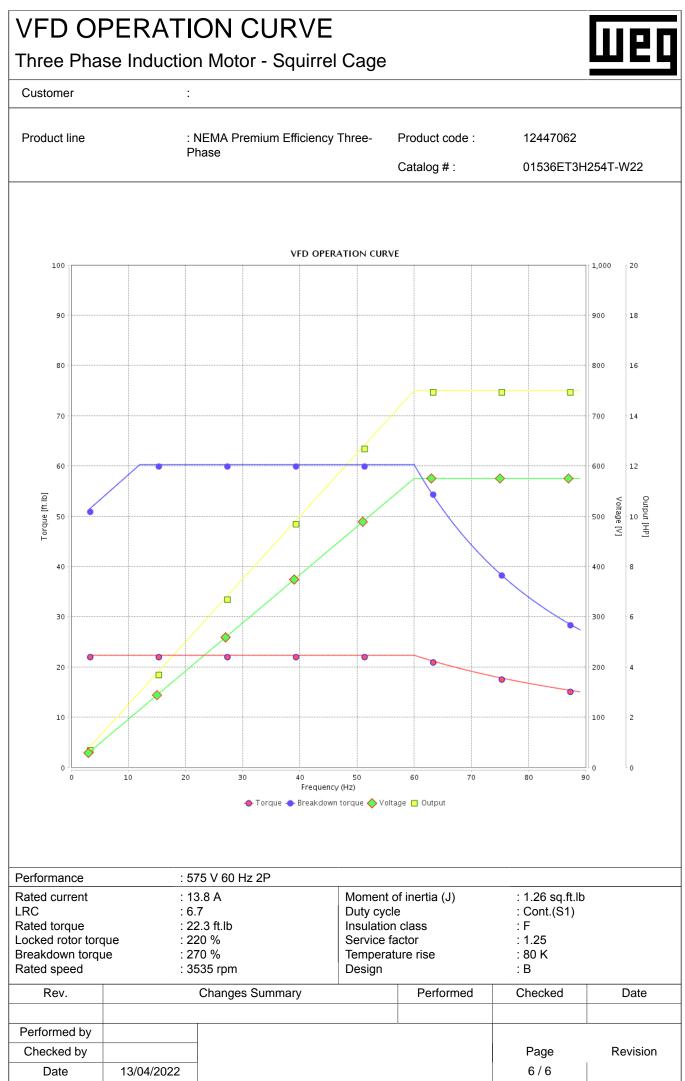
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Three Phase Indu	uction Motor - Squirrel Cage	•	
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12447062
	Thuse	Catalog # :	01536ET3H254T-W22

Performance	: 5	75 V 60 Hz 2P				
Rated current: 13.8 ALRC: 6.7Rated torque: 22.3 ft.lbLocked rotor torque: 220 %Breakdown torque: 270 %Rated speed: 3535 rpmHeating constant		5.7 2.3 ft.lb 20 % 70 %	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 1.26 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Cooling constant						
Rev. Changes Summary		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				4 / 6	

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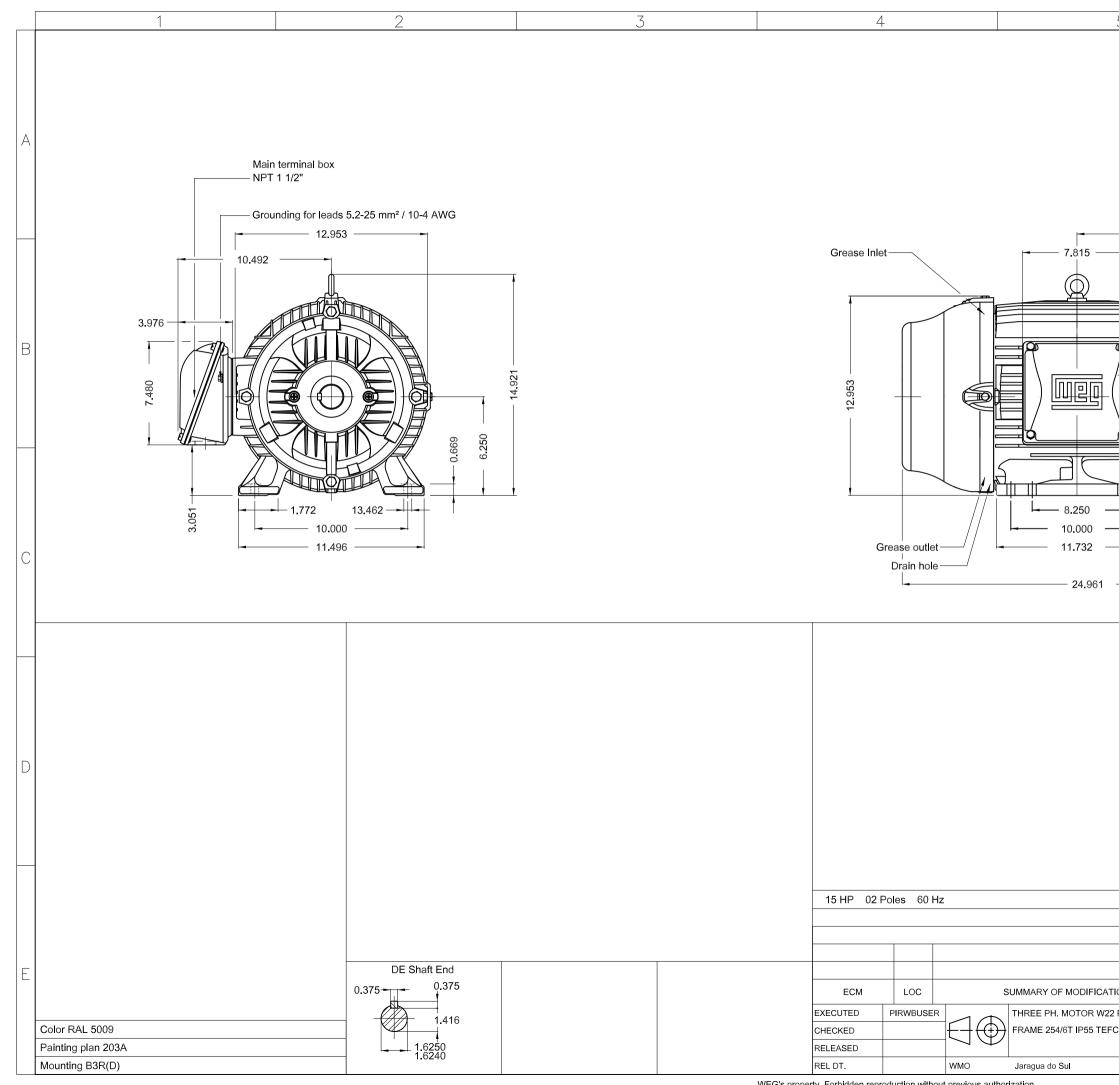


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