DATA SHEET

Three Phase Induction Motor - Squirrel Cage

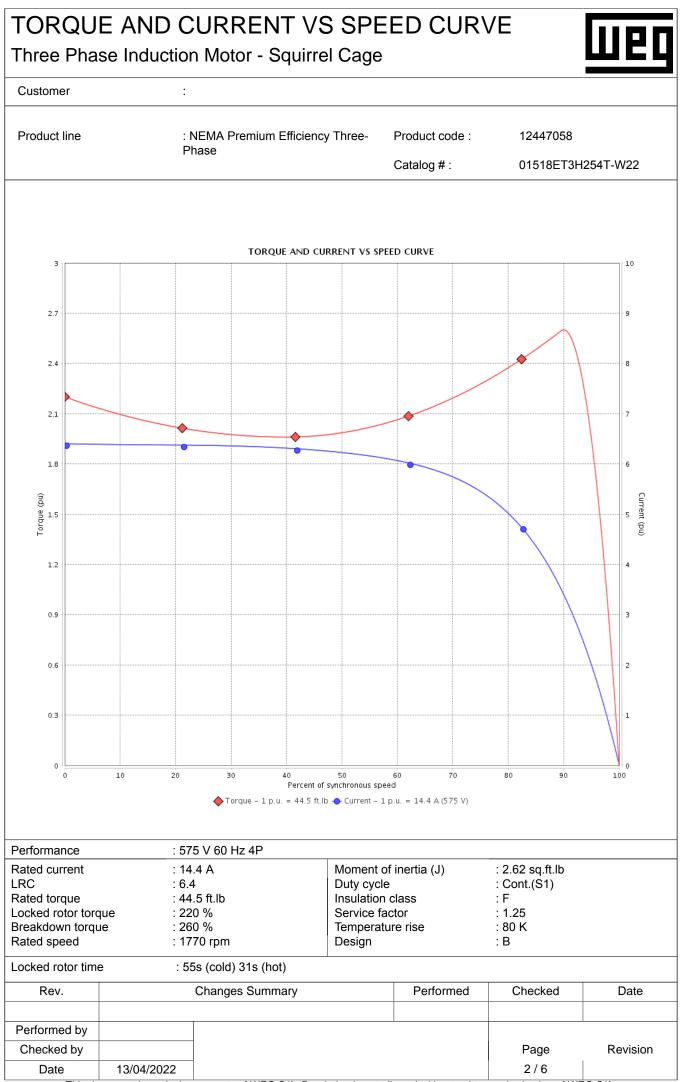
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		: NEMA Premium Efficiency TI Phase			Three- Product code :		12447058	
						Catalog # :	01518ET3H	1254T-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia Design	je	: 4 : 60 H : 575 : 14.4 : 92.2 : 6.4x : 5.76 : 177 : 1.67 : 44.5 : 220 : 260 : F : 1.25	HP (11 kW) Hz V A (Code G) A 0 rpm 7 % 5 ft.lb % %		Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise k Starting	t temperature ion degree method ng n ¹	: 55s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 64.0 dB(A : Direct On : 312 lb	+40°C .s.l. EFC / and CCW)
Dutput	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%) Power Factor	90.2 0.43	91.0 0.68	91.7 0.78	92.4 0.83	Max. trac Max. com		: 399 lb : 711 lb	
Bearing type Sealing Lubrication interv Lubricant amoun		:	V 20	09 C3 'Ring 000 h 13 g		6209 C3 V'Ring 20000 h		
		:			bil Polyrex	9 g EM		
This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro	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	
This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro	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 power su	EM Te average values		
Notes This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v manufacturing pro- 4) At 100% of ful Rev.	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(<i>i</i> inges after	ne, which A).	These ar power su	EM Te average values upply, subject to th	ne tolerances stipu	ulated in NEMA
Lubricant type Notes This revision replanust be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of ful Rev. Performed by Checked by	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(<i>i</i> inges after	ne, which A).	These ar power su	EM Te average values upply, subject to th	ne tolerances stipu	ulated in NEMA

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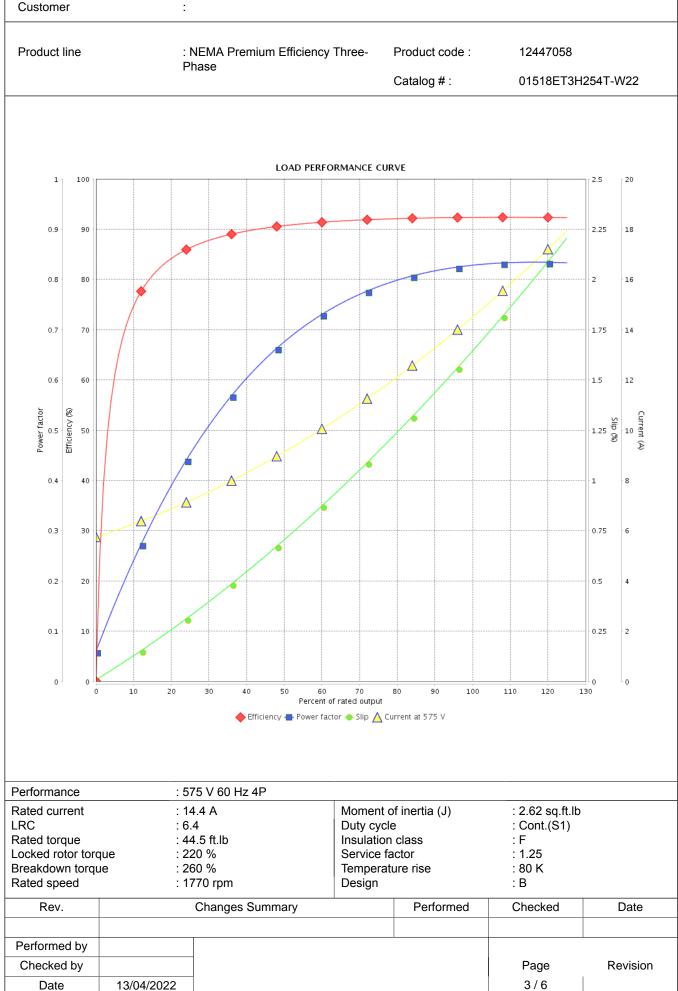


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

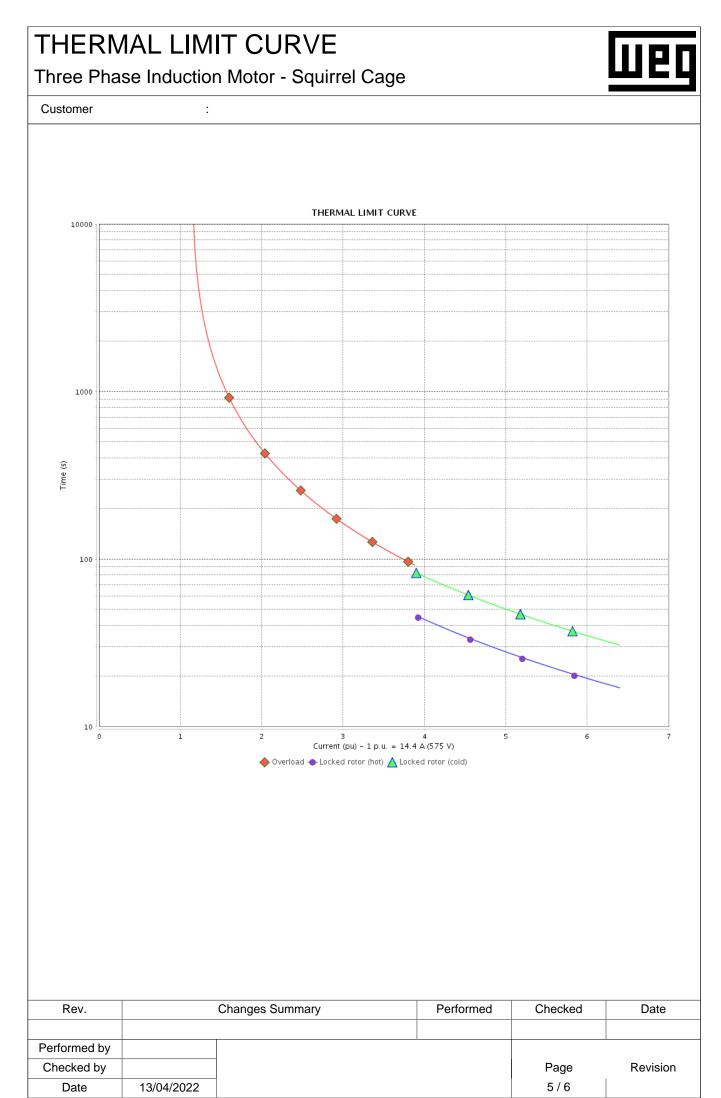
Customer



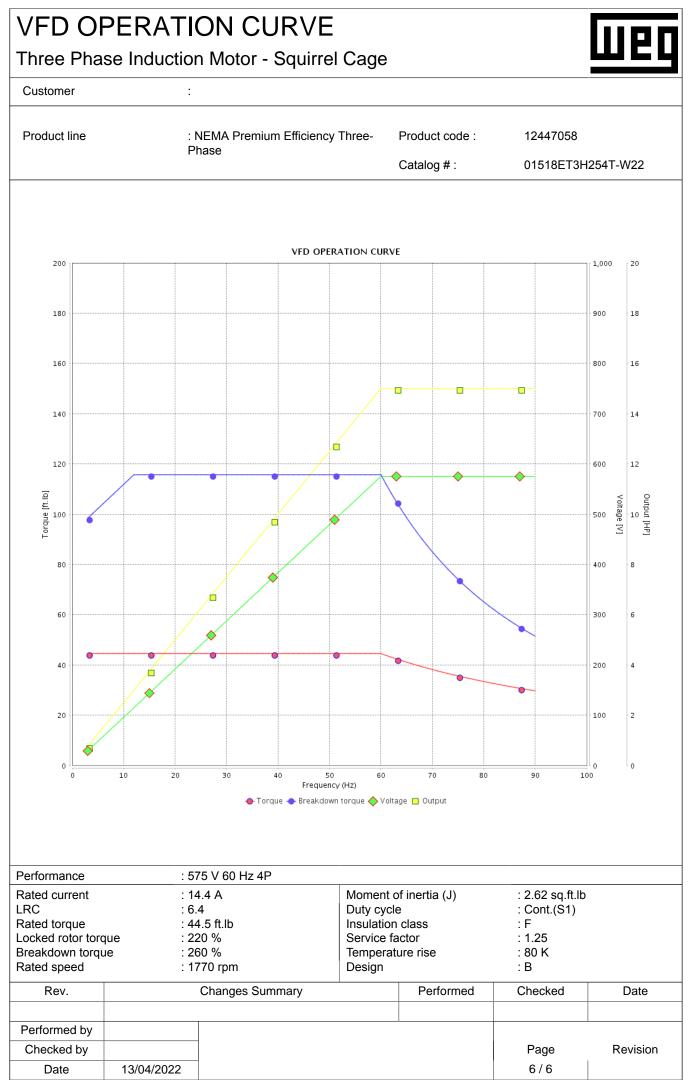
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THERMAL LIMIT CURVE					
tion Motor - Squirrel Cage	9	шсч			
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: NEMA Premium Efficiency Three-	Product code :	12447058			
T Hubb	Catalog # :	01518ET3H254T-W22			
	ion Motor - Squirrel Cage	: : : NEMA Premium Efficiency Three- Product code : Phase			

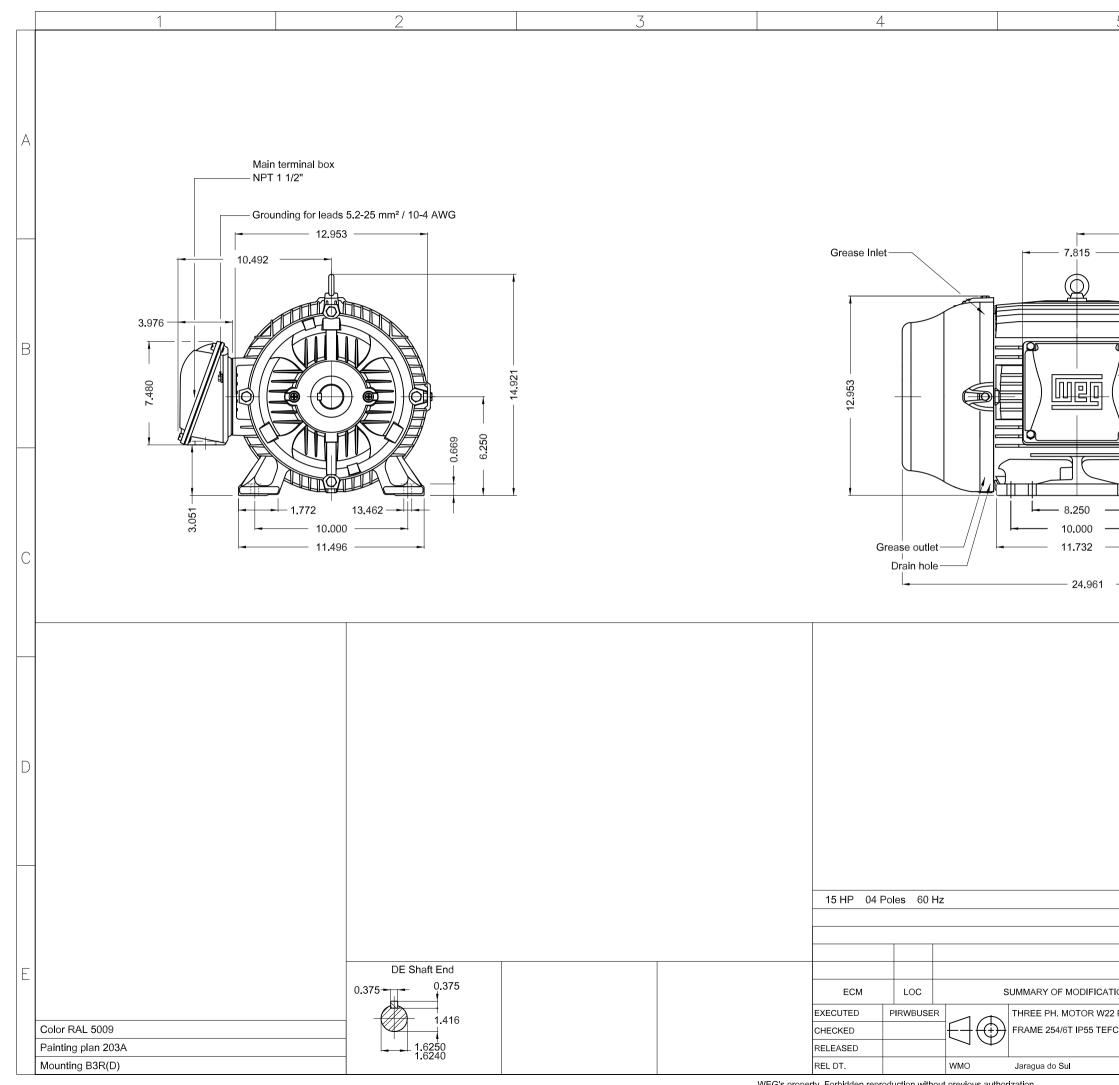
Performance		: 575 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 14.4 A : 6.4 : 44.5 ft.lb : 220 % : 260 % : 1770 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 2.62 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant	t					
Cooling constant	t					
Rev.	Changes Summary			Performed	Checked	Date
Performed by				·		·
Checked by					Page	Revision
Date	13/04/2022				4 / 6	
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