DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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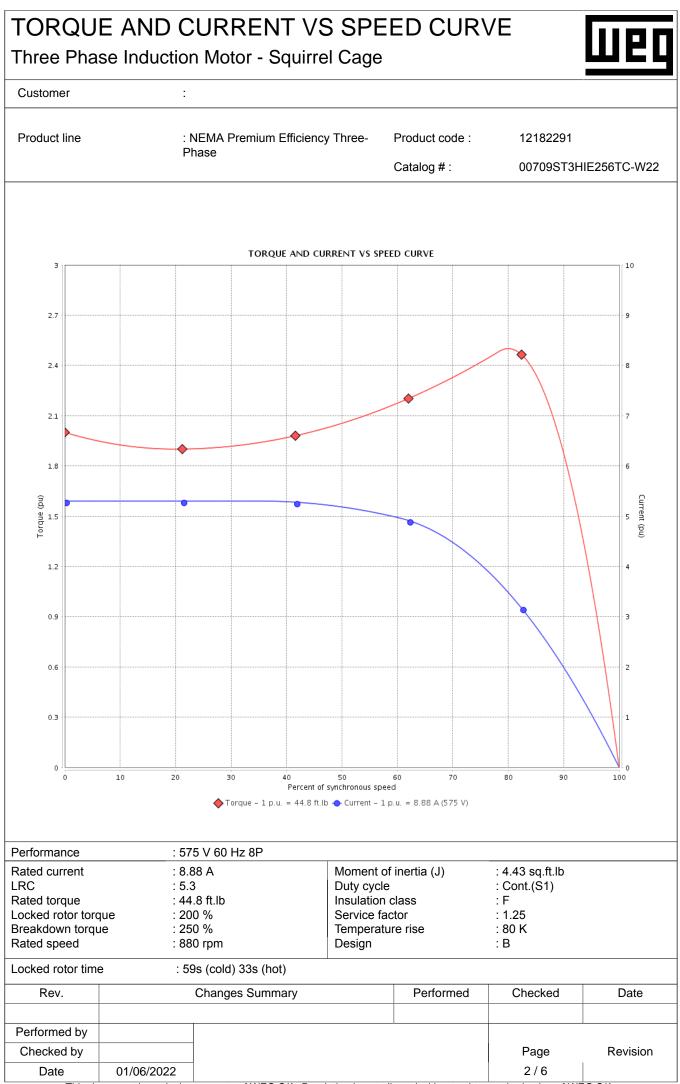
Customer

		Phase	e	: NEMA Premium Efficiency T Phase			12182291	
					C	atalog # :	00709ST3H	IIE256TC-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 inerti Design	ue	: 8 : 60 F : 575 : 8.88 : 47.1 : 5.3x : 5.20 : 880 : 2.22 : 44.8 : 200 : 250 : F : 1.25	HP (5.5 kV Iz V A (Code G) A rpm : % : ft.lb % %	V)	Altitude	ture rise le temperature n degree method y vel ² method	: 59s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 54.0 dB(A : Direct On : 286 lb	+40°C .s.l. EFC and CCW)
Dutput	25%	50%	75%	100%	Foundation	loads		
Efficiency (%)	85.2	85.5	87.5	87.5	Max. tracti		: 394 lb	
Power Factor	0.29	0.50	0.63	0.71	Max. comp		: 679 lb	
Sealing Lubrication inter Lubricant amour Lubricant type Notes		:	20	ro/Seal 000 h I3 g Mol	bil Polyrex E	Inpro/Seal 20000 h 9 g		
This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate manufacturing pr 4) At 100% of fu	ed. notor from f 1m and wit weight sub rocess.	the shaft e	nd. e of +3dB(/				based on tests w e tolerances stipu	
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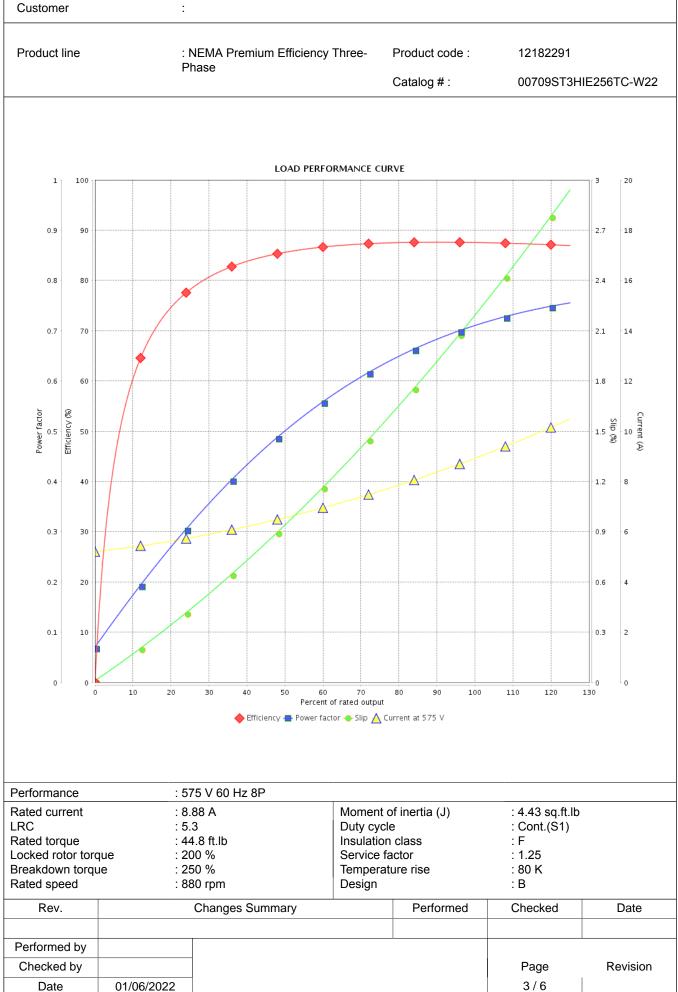


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



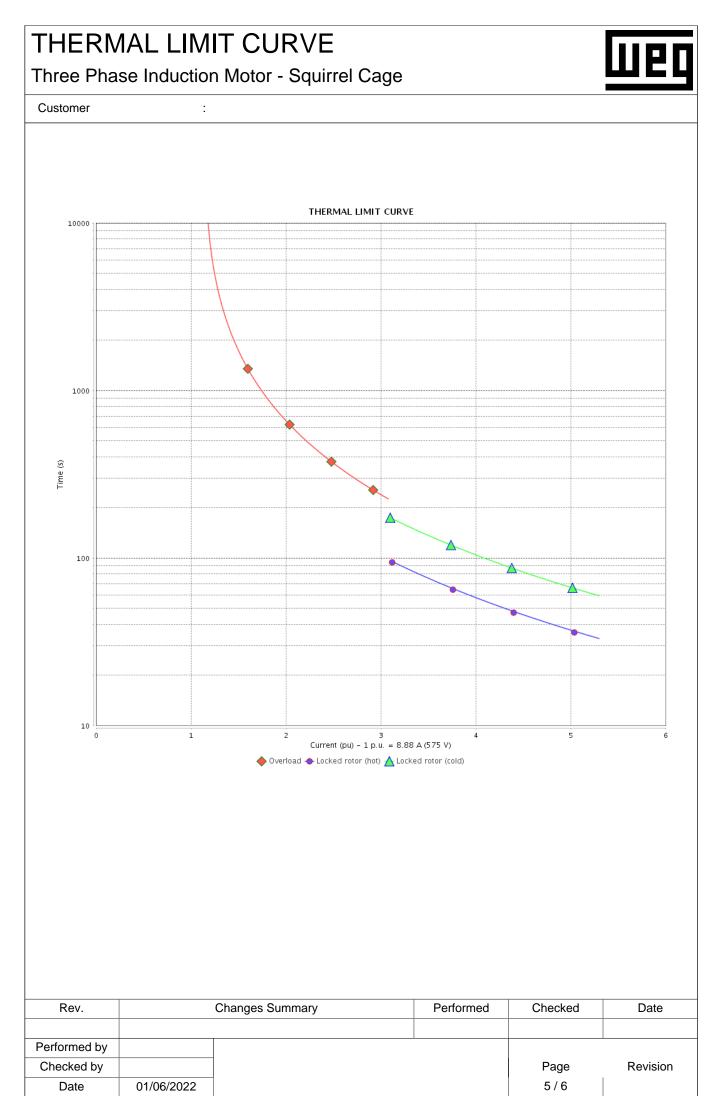
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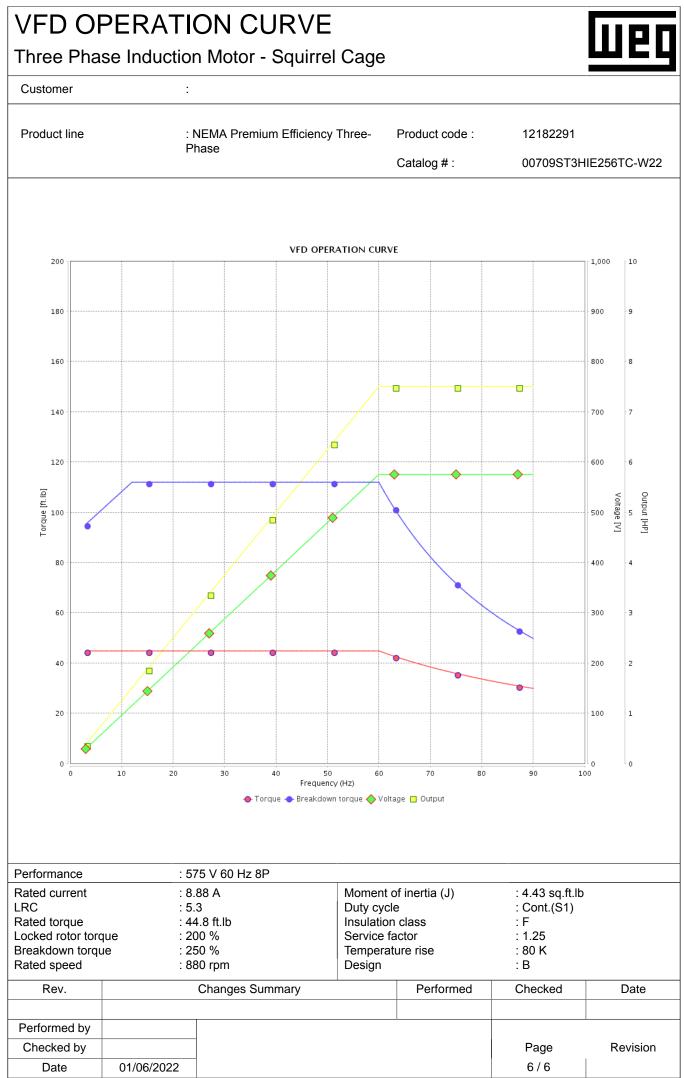
THERMAL L	IMIT CURVE		шео
Three Phase Indu	ction Motor - Squirrel Cage)	шсц
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12182291
		Catalog # :	00709ST3HIE256TC-W22

Performance	:	575 V 60 Hz 8P				
Rated current: 8.88 ALRC: 5.3Rated torque: 44.8 ft.lbLocked rotor torque: 200 %Breakdown torque: 250 %Rated speed: 880 rpm		5.3 44.8 ft.lb 200 % 250 %	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 4.43 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	01/06/2022				4 / 6	
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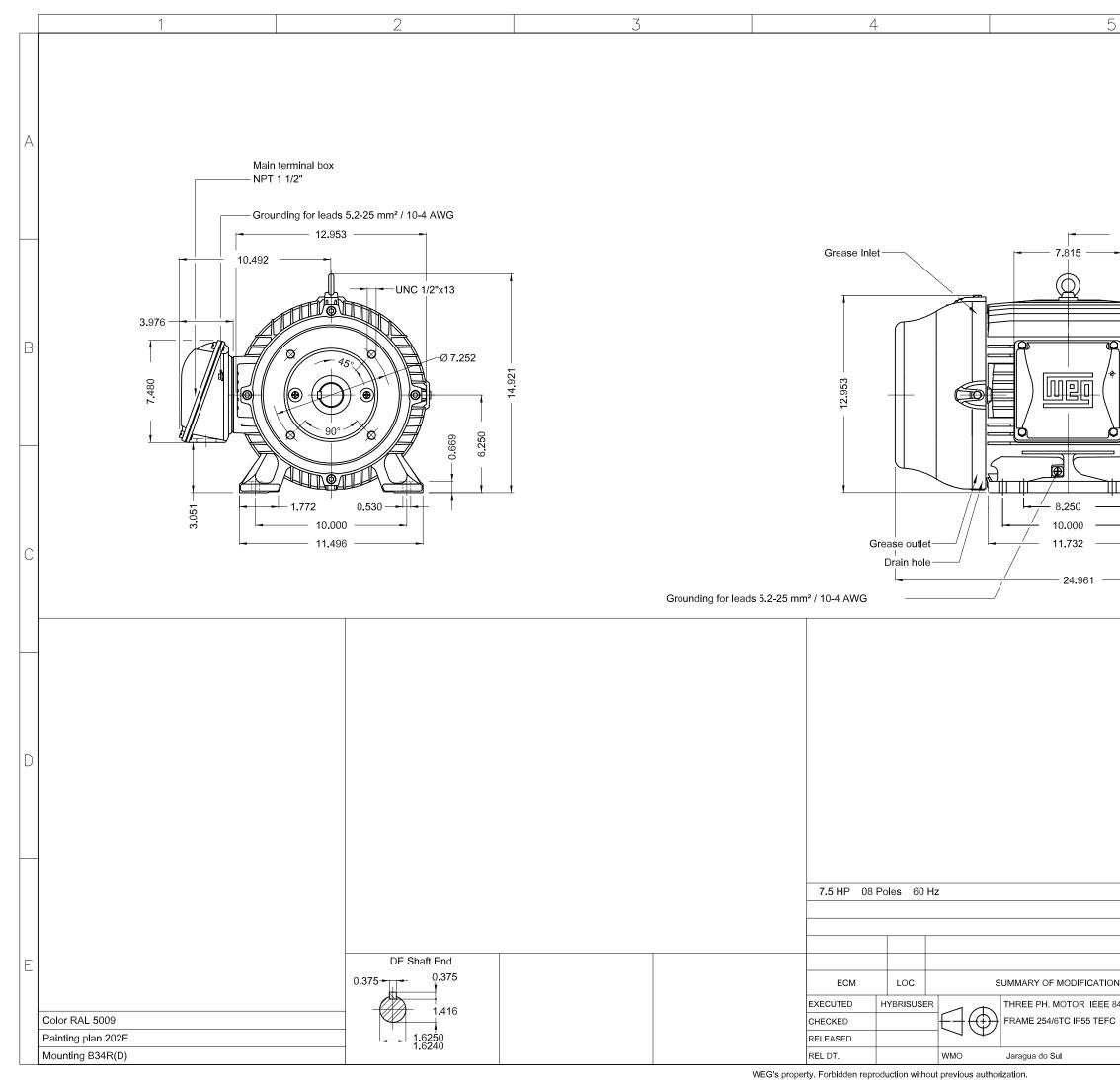
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A NS EXECUTED CHECKED RELEASED DATE VER S41 W22 PREM. EFF. PREVIEW WDD		250 Grease outlet
A41 W22 PREM. EFF. PREVIEW		
	NS EXECU	TED CHECKED RELEASED DATE VER
Product Engineering SHEET 1 / 1		
	Product Engineer	