DATA SHEET

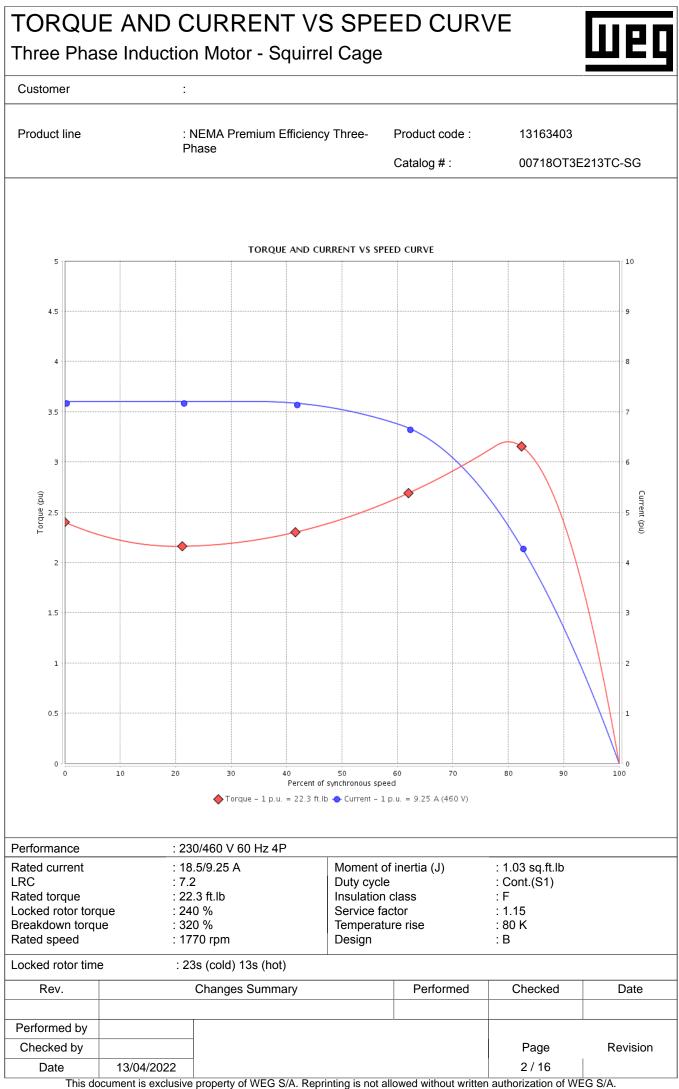
Three Phase Induction Motor - Squirrel Cage

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Customer

Catalog #: 007180T3E213TC-SG Frame ::213/BTC Cooling method ::C01-C0P Duty cycle ::Cont.(\$1) Rotation* ::Both (CW and CCW) Ambient temperature ::20°C to 1+0°C Staffing method ::D00 n a.sl. Duty cycle ::D00 n a.sl. Approx.weight* ::D00 n a.sl. Duty the imperature ::D00 n a.sl. Approx.weight* ::D00 n a.sl. Duty the imperature ::D00 n a.sl. Moment of inertia (J) ::D00 n a.sl. Duty the imperature ::D00 n a.sl. Moment of inertia (J) ::D00 n a.sl. Duty the imperature ::D00 n a.sl. Staffic of the imperature :D00 n a.sl. Staffic of the imperature ::D00 n a.sl. Staffic of the imperature :D00 n a.sl. Staffic of the imperature ::D00 n a.sl. :D00 n a.sl. :D00 n a.sl. :D00 n a.sl. Staffic of the imperature (A) ::D20 n a.sl. :D00 n a.sl. :D00 n a.sl. :D00 n a.sl. Staffic of the imperature (A) ::D20 n a.sl. :D00 n a.sl. :D00 n a.sl. :D00 n a.sl. :D00 n a.sl. <th>Product line</th> <th></th> <th colspan="3">: NEMA Premium Efficiency Three- Product code : Phase</th> <th colspan="2">13163403</th>	Product line		: NEMA Premium Efficiency Three- Product code : Phase			13163403			
Insulation class : F Mounting : F-1 Cont (S1) Ambient temperature : 20° C to 440° C Starting method : Direct On Line Attitude : 1000 m. s.i. Approx. weight : 125 lb Design : B Moment of inertia (J) : 1.03 sq.t.lb Dutput [HP] 7.5 7.5 0 Ordes 4 4 4 4 requency [H2] 66 50 50 30 ated voltage [V] 230/460 190/380 220/415 3068.9 220/415 Ated voltage [V] 135/66.6 1226/64.4 130/68.9 30 30 26/7 RC [A] 7.7 7.7 30.0 2.67 34 316/66 126/64.4 30/68.9 30 32/7.1 220 220 32 <td></td> <td></td> <td>1 11035</td> <td></td> <td></td> <td>Catalog # :</td> <td>00718OT3E</td> <td>213TC-SG</td>			1 11035			Catalog # :	00718OT3E	213TC-SG	
Insulation class : F Mounting : F-1 Cont (S1) Ambient temperature : 20° C to 440° C Starting method : Direct On Line Attitude : 1000 m. s.i. Approx. weight : 125 lb Design : B Moment of inertia (J) : 1.03 sq.t.lb Dutput [HP] 7.5 7.5 0 Ordes 4 4 4 4 requency [H2] 66 50 50 30 ated voltage [V] 230/460 190/380 220/415 3068.9 220/415 Ated voltage [V] 135/66.6 1226/64.4 130/68.9 30 30 26/7 RC [A] 7.7 7.7 30.0 2.67 34 316/66 126/64.4 30/68.9 30 32/7.1 220 220 32 <td>Frame</td> <td></td> <td>: 213/5TC</td> <td></td> <td>Coolina</td> <td>method</td> <td>: IC01 - OD</td> <td>Р</td>	Frame		: 213/5TC		Coolina	method	: IC01 - OD	Р	
Duty cycle : Cont.(S1) Rotation ¹ : Both (CW and CCW) Attitude : 1000 m.a.s.l. Approx.weight ¹ : 125 lb Duty I (HP) 7.5 7.5 7.5 Trequency (H2) 00 50 50 Trequency (H2) 00 50 50 Tated ournerit (A) 18 8''' 130/380 220/415 Tated ournerit (A) 18 8''' 130/380 220/415 Tated ournerit (A) 18 8''' 130/380 220/415 Tated ournerit (A) 18 79/4.39 8.64/4.32 8.84/4.71 Stated speed (FPM) 1.70 1455 1460 Stated speed (FPM) 1.70 1455 1460 Stated speed (FPM) 1.70 1455 1460 Stated speed (FPM) 320 229 250 Service factor 1.15 1.15 1.15 Emperature rise 80 K 80 K 80 K Service factor 1.90''' 50.0 dfA/' 50.0 dfA/' Service factor 1.	Insulation class		: F						
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Drive end Bearing type Drive end 6208 ZZ Foundation loads Max. traction Sale in Sa									
Bearing type : 6208 ZZ 6206 ZZ Max. traction : 318 lb Sealing : Without Without Max. compression : 443 lb Lubrication interval : - - - - - Lubrication interval : - - - - - Lubricant amount : - - - - - Lubricant type : Mobil Polyrex EM Max. compression : : : Notes USABLE @208V 20.5A SF 1.00 SFA 20.5A SFA 20.5A Face are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. : <t< td=""><td></td><td>10070</td><td></td><td></td><td>Foundati</td><td></td><td></td><td>0.00</td></t<>		10070			Foundati			0.00	
Sealing : Without Without Without Hank accompression : 443 lb Lubrication interval : - - - - Lubricant amount : - - - - Lubricant type : Mobil Polyrex EM Max. compression : 443 lb Notes	Rearing type						. 040 lb		
Bearing Seal Bearing Seal Lubrication interval - Lubricant amount - Lubricant type Mobil Polyrex EM Notes USABLE @208V 20.5A SF 1.00 SFA 20.5A This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. Rev. Changes Summary Performed Checked Date Performed by					Max. compression				
Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM Notes USABLE @208V 20.5A SF 1.00 SFA 20.5A This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Moster Lease Summary Performed Checked Date Performed by	Sealing								
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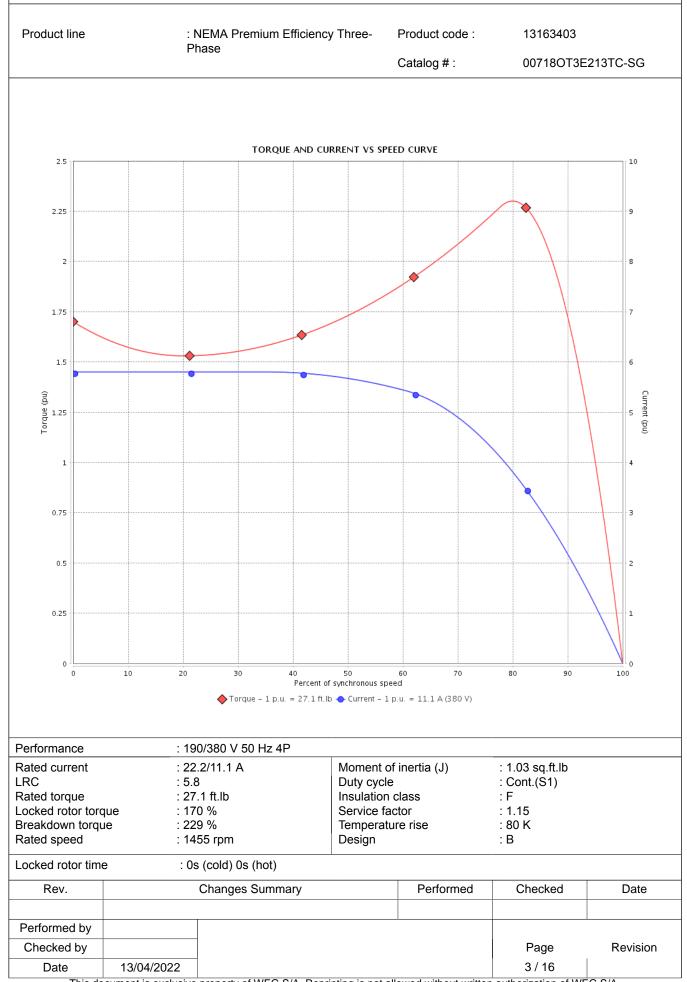
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

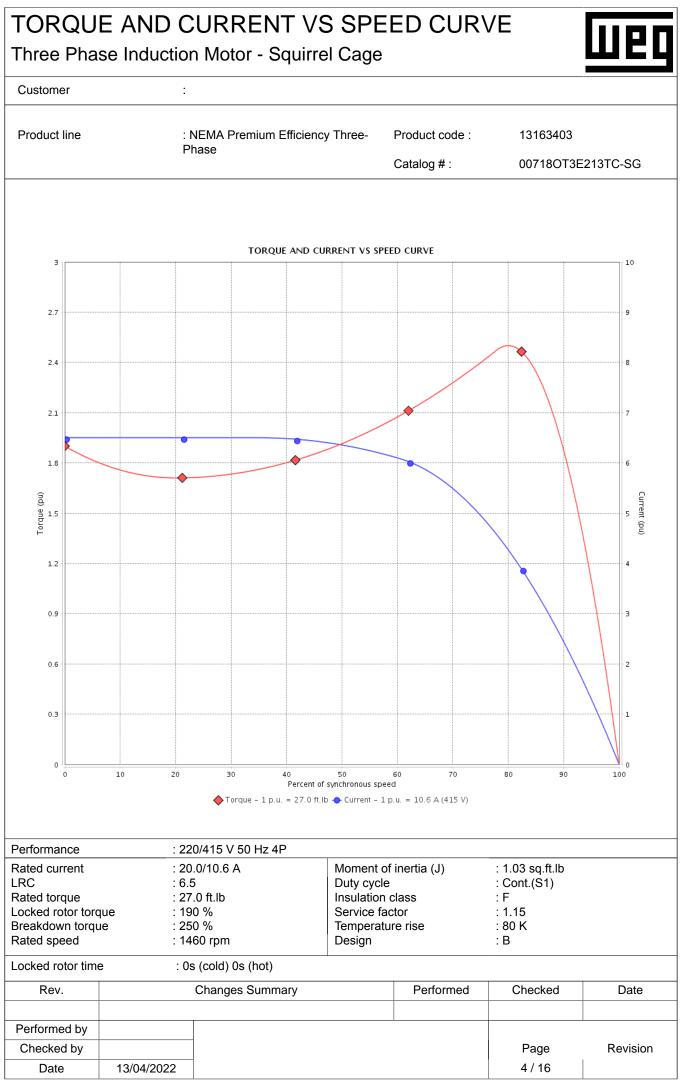
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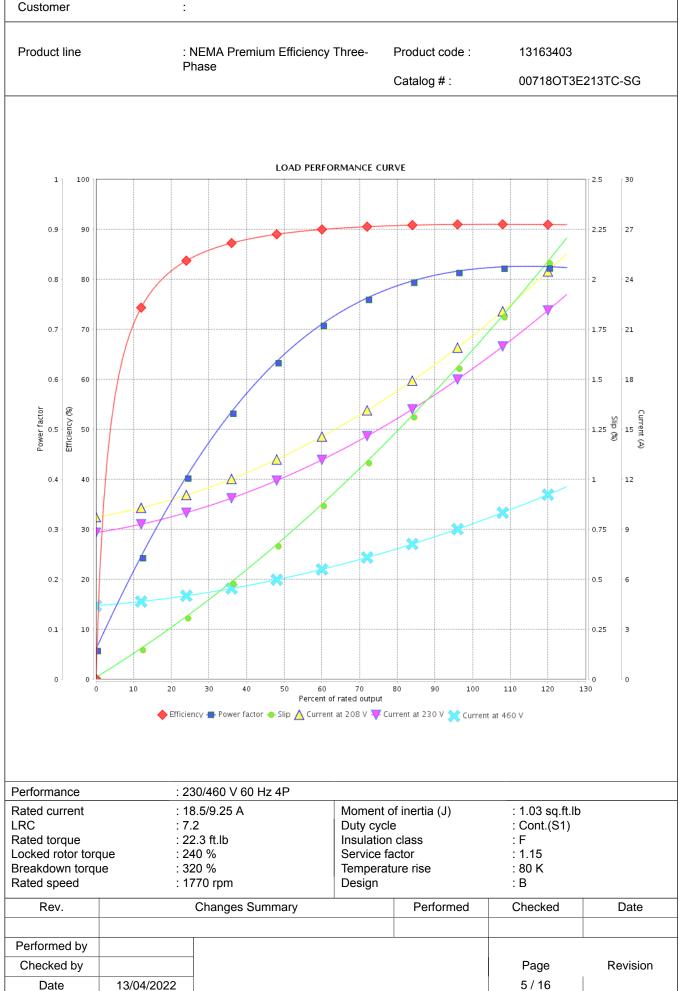


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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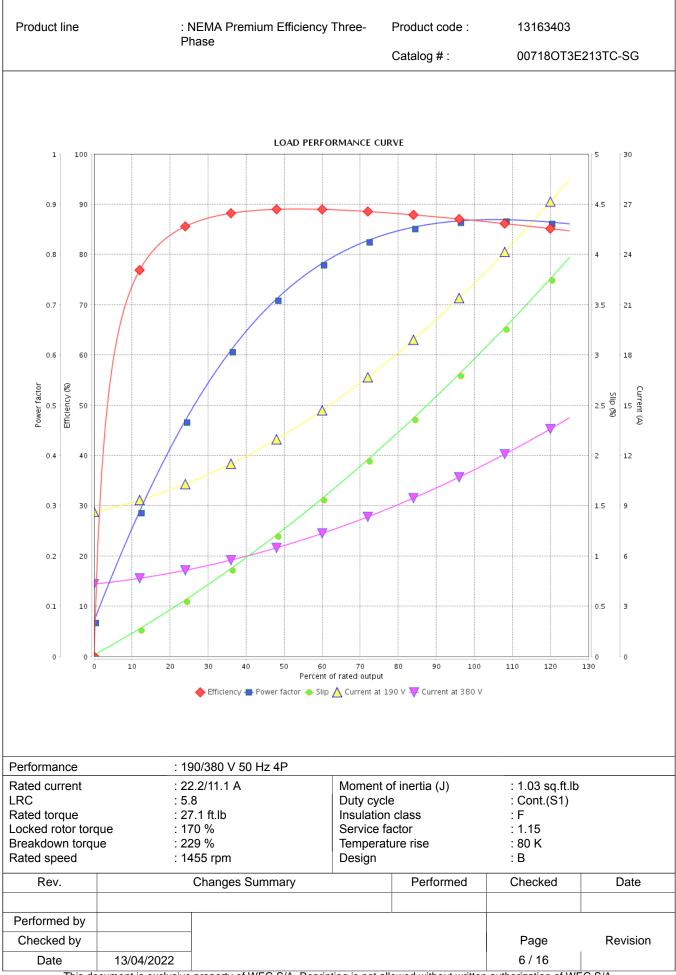
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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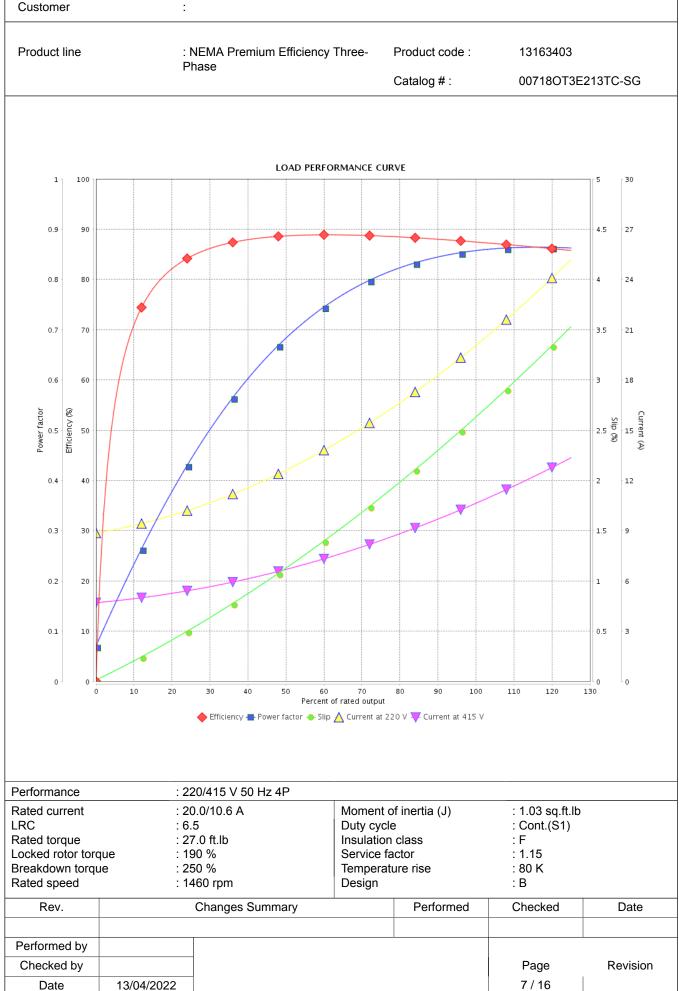
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

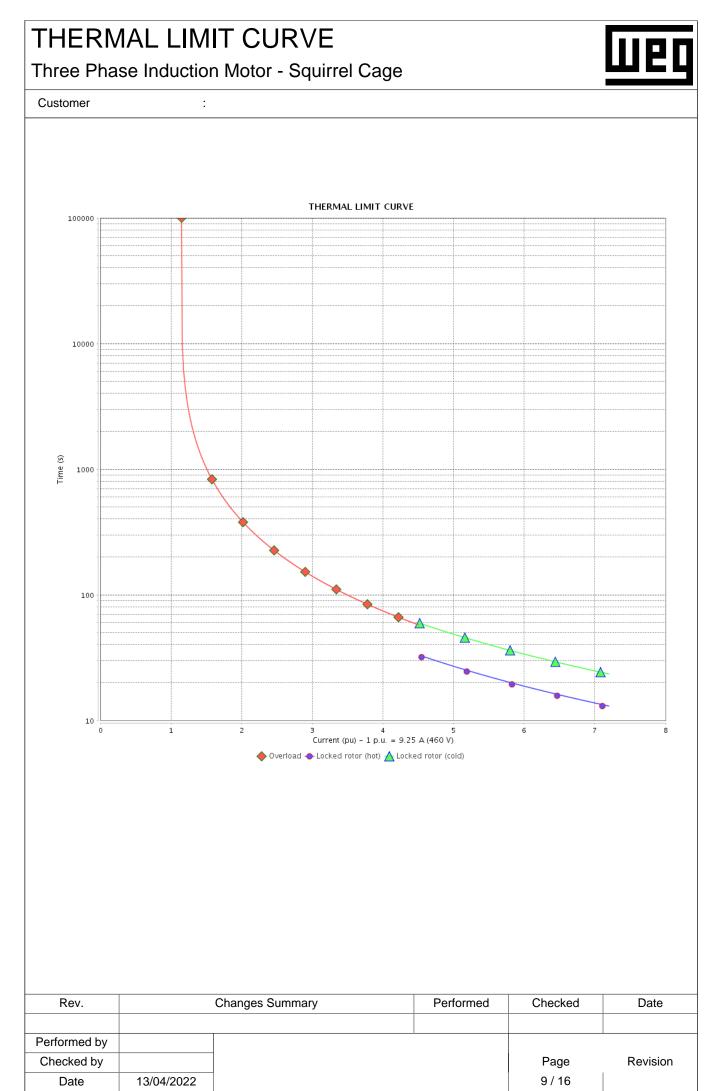
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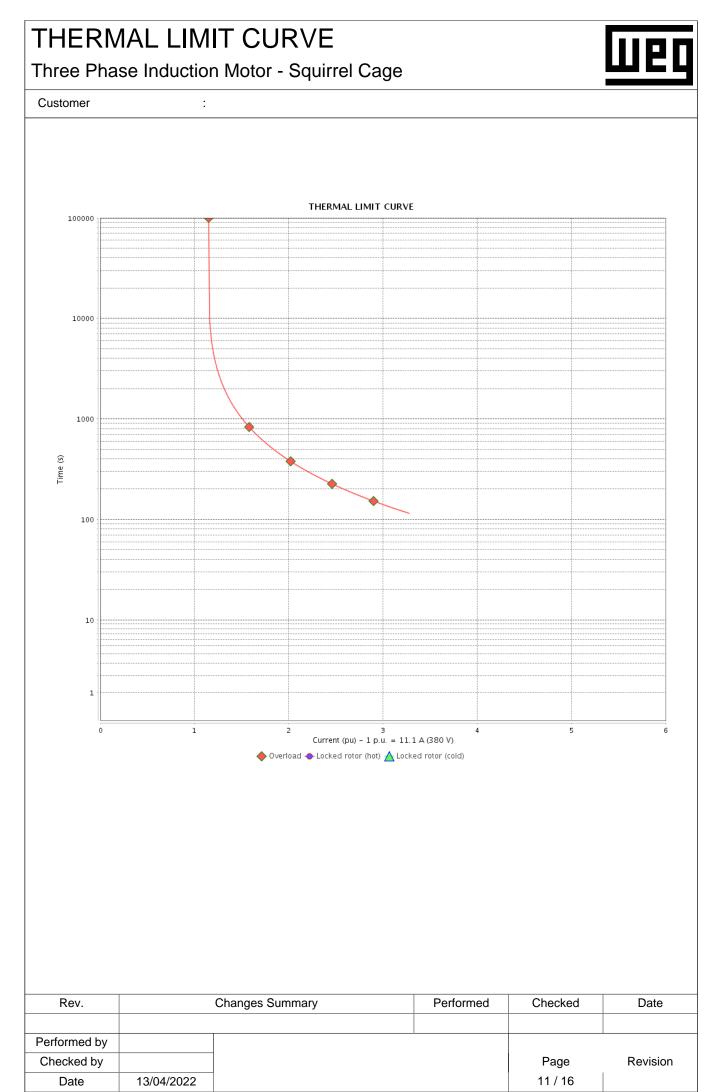
THERMAL	LIMIT CURVE		
	nduction Motor - Squirrel Cage	Э	ШЕІ
Customer	:		
Product line	: NEMA Premium Efficiency Three-	Product code :	13163403
	Phase	Catalog # :	00718OT3E213TC-SG
Performance	: 230/460 V 60 Hz 4P		
Rated current	· 18 5/9 25 A Mome	nt of inertia (1)	· 1 03 sa ft lb

Performance	. Z	30/460 V 60 HZ 4P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		8.5/9.25 A .2 2.3 ft.lb 40 % 20 % 770 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 1.03 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant	I					
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
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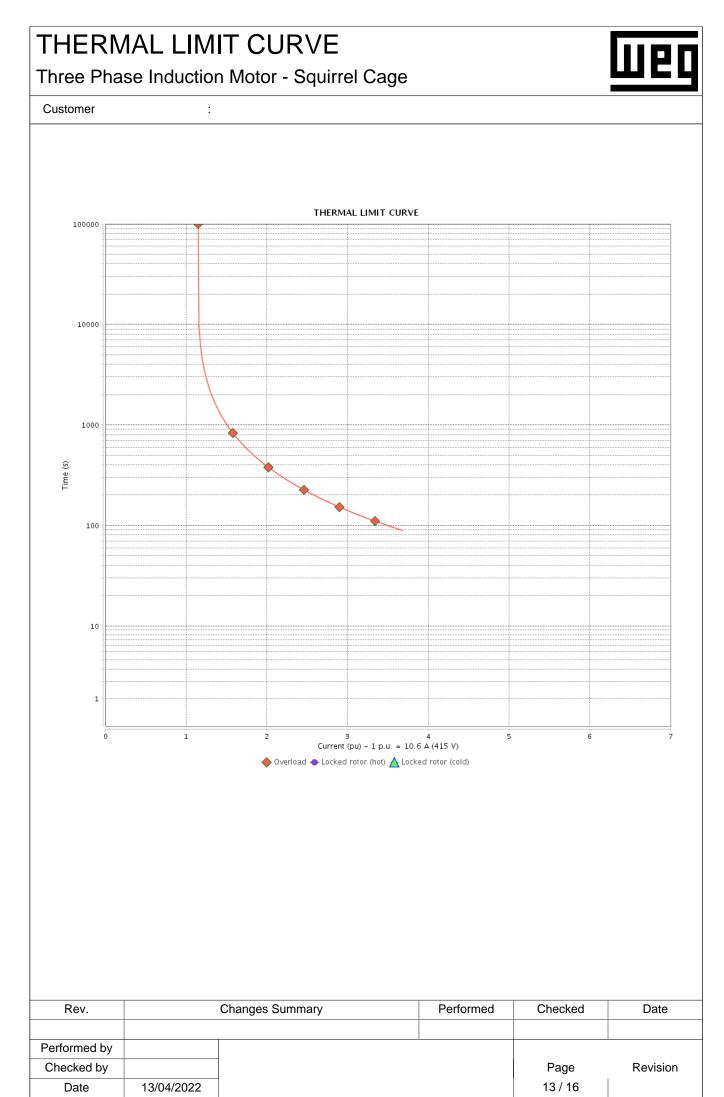
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	THERMAL LIMIT CURVE						
Three Phase Induc	ction Motor - Squirrel Cage	•					
Customer	:						
Product line	: NEMA Premium Efficiency Three-	Product code :	13163403				
	Phase	Catalog # :	00718OT3E213TC-SG				
Derformer	. 400/200 \/ 50 \- 40						
Performance	: 190/380 V 50 Hz 4P						

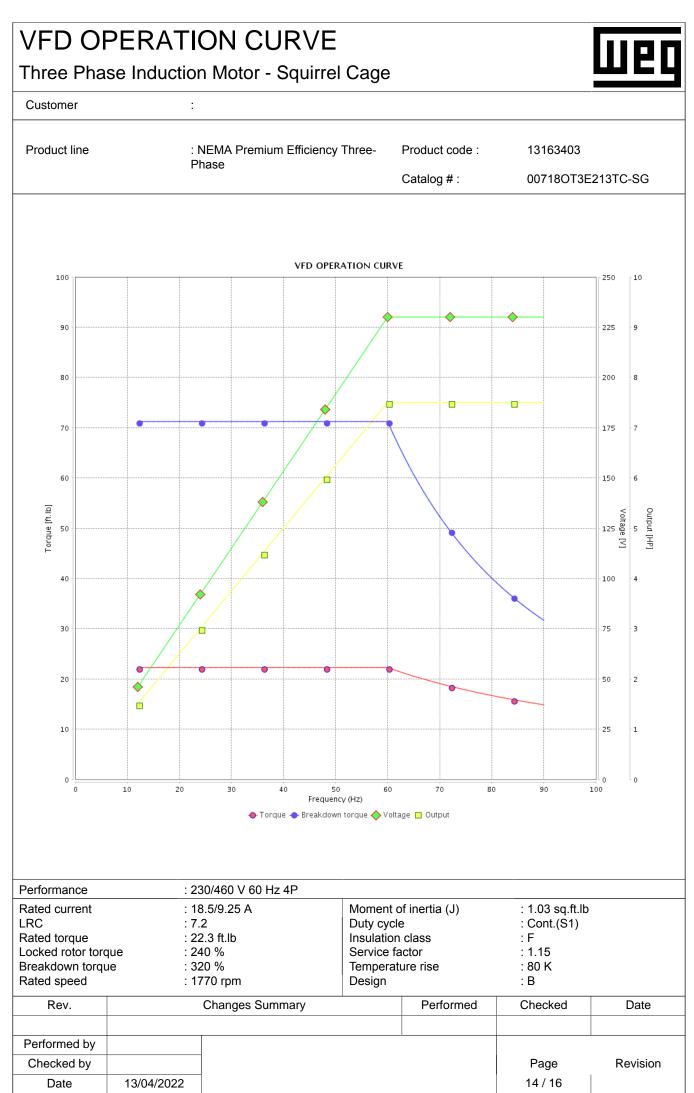
Performance	: 1	90/380 V 50 HZ 4P				
Rated current: 22.2/11.1 ALRC: 5.8Rated torque: 27.1 ft.lbLocked rotor torque: 170 %Breakdown torque: 229 %Rated speed: 1455 rpm		.8 7.1 ft.lb 70 % 29 %	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 1.03 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constan	t					
Cooling constant	t					
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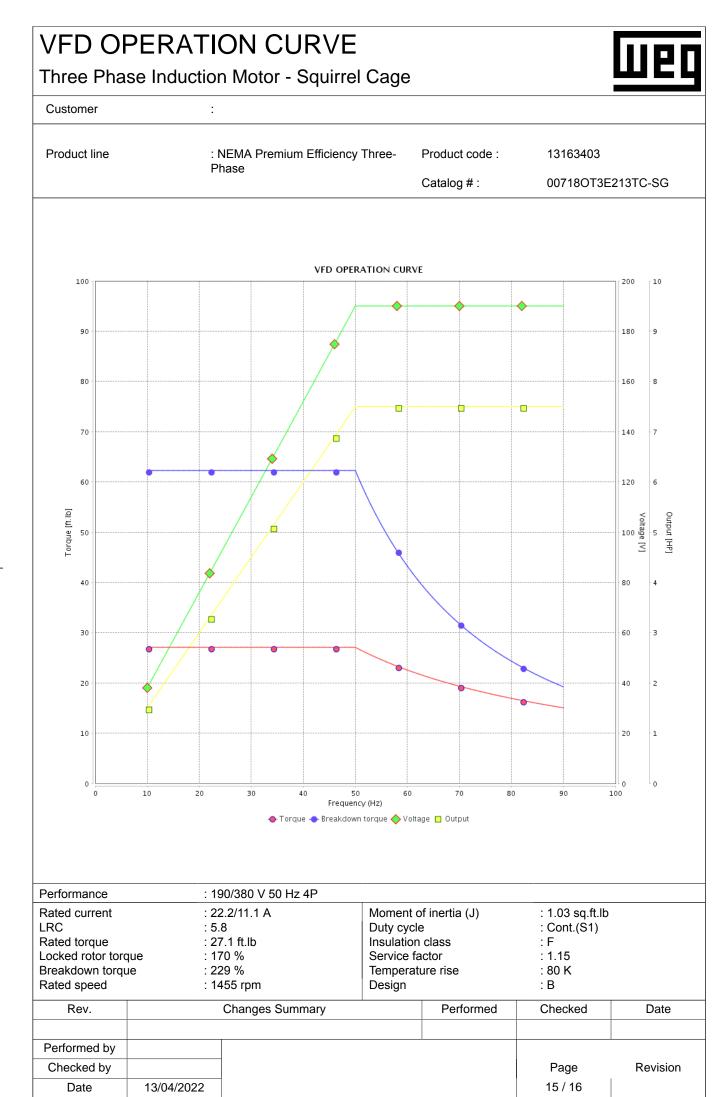


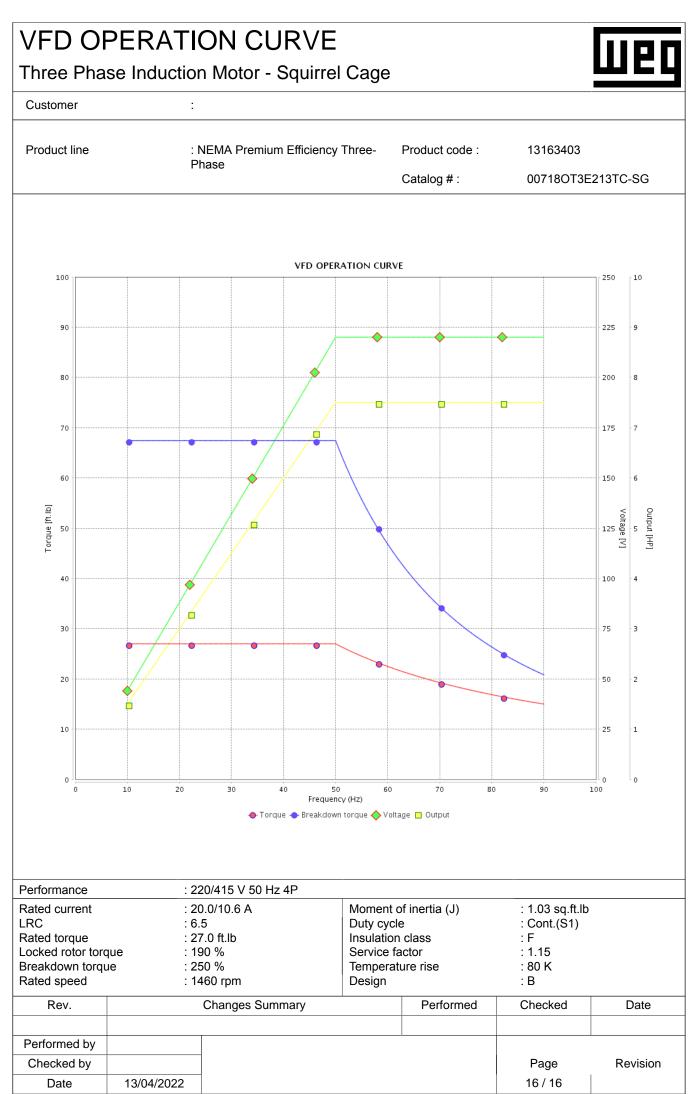
THERMAL	THERMAL LIMIT CURVE							
Three Phase Inc	luction Motor - Squirrel (Cage	шсч					
Customer	:							
Product line	: NEMA Premium Efficiency T	hree- Product code :	13163403					
	Phase	Catalog # :	00718OT3E213TC-SG					
Performance	: 220/415 V 50 Hz 4P							
Rated current LRC	: 6.5	Moment of inertia (J) Duty cycle	: 1.03 sq.ft.lb : Cont.(S1)					
Rated torque Locked rotor torque		Insulation class Service factor	: F : 1.15					

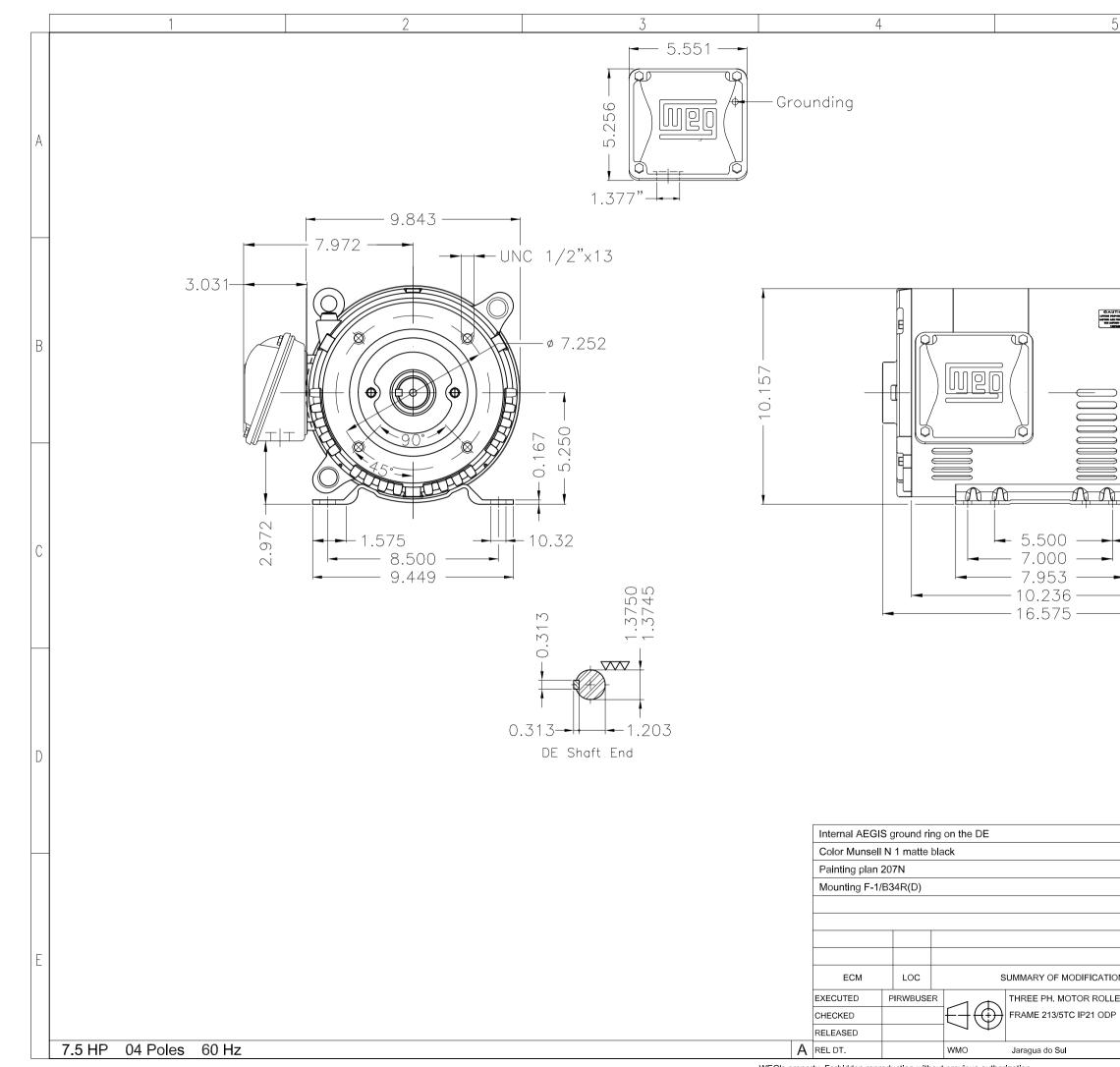
Rated torque: 27.0 ft.llLocked rotor torque: 190 %Breakdown torque: 250 %Rated speed: 1460 rp		27.0 ft.lb 90 % 250 %	Service	Insulation class Service factor Temperature rise		
Heating constant	t					
Cooling constant	t					
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Performed by						
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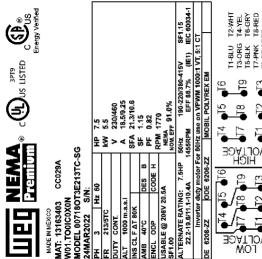






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	0.25	- 3.129 - 2.480 - 3.380	÷	Ø 8.795	
					Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER
LED STEEL PREM. E P	FF.		EW	We	A3
Produc	t Engineering	SHEET	1 / 1		XME



T8-RED RED T7-PNK T9-BRK AVERTISSEMENT: Le moteur doit être mis à la terre chocks. Disconnect power source before servicing unit. NTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION WARNING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical

choc électrique grave. Déconnectez l'alimentation avant l'entrefien de la machine conformément aux codes électriques locaux et nationaux afin d'éviter tout