DATA SHEET

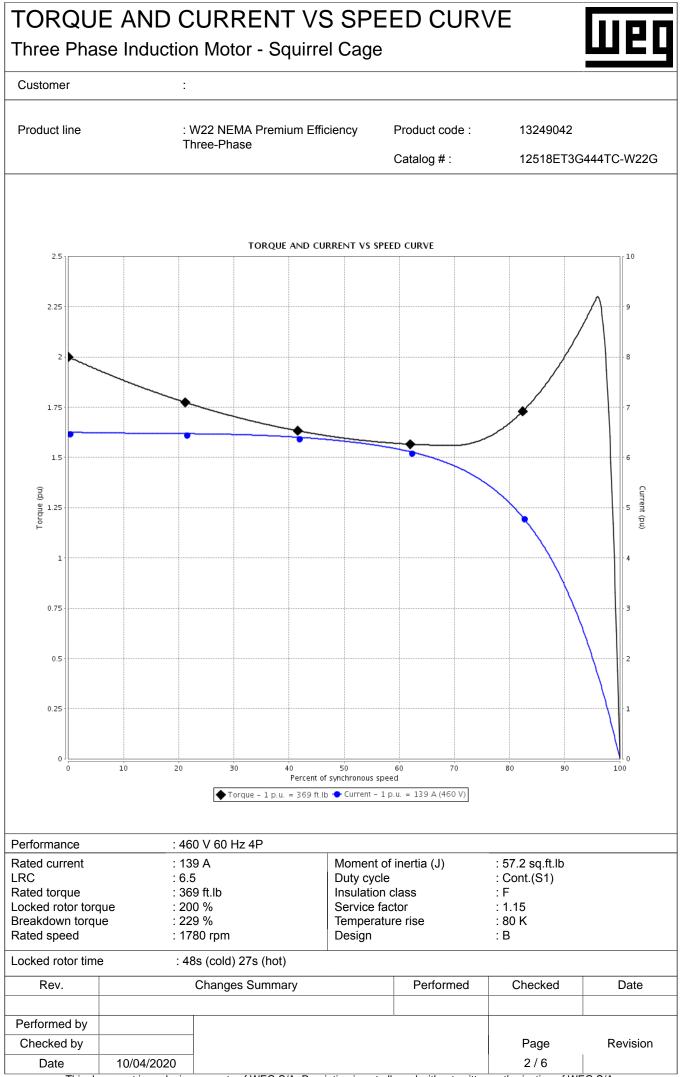
Three Phase Induction Motor - Squirrel Cage

:

Customer

Product line			e-Phase	emium Efficie	-	roduct code :	13249042	
					C	atalog # :	12518ET30	G444TC-W22G
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	le	: 40.0 : 178(: 1.11 : 369 : 200 : 229 : F : 1.15	HP HZ V A A (Code G) A 0 rpm % ft.lb % %		Locked ro Temperat Duty cycl Ambient f Altitude Protection Cooling n Mounting Rotation ¹ Noise lev Starting n Approx. v	ture rise e temperature n degree nethod rel ² method	: 48s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 73.0 dB(A : Direct On : 1668 lb) +40°C .s.l. EFC / and CCW) \)
Dutput	25%	50%	75%	100%	Foundation	loads		
fficiency (%)	94.9	95.0	95.4	95.4	Max. tractic		: 1767 lb	
ower Factor	94.9 0.52	95.0 0.74	95.4 0.82	95.4 0.85	Max. comp		: 3435 lb	
			۱۸	/Seal		W/Sool		
Bearing type Sealing Lubrication interv Lubricant amour Lubricant type Notes		:	80	/Seal 000 h 15 g Mo	bil Polyrex E	WSeal 10000 h 34 g M		
Sealing Lubrication inter- Lubricant amoun Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro-	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h tolerance	8(2 previous o nd. e of +3dB(<i>i</i>	000 h 45 g Mo	These are	10000 h 34 g M average values	based on tests w e tolerances stipu	
Sealing Lubrication inter- Lubricant amoun Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h tolerance ject to cha	8(2 previous o nd. e of +3dB(<i>i</i>	000 h 45 g Mo ne, which A).	These are power sup	10000 h 34 g M average values		
Sealing Lubrication inter- Lubricant amoun Lubricant type lotes his revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h tolerance ject to cha	8(2 previous o nd. e of +3dB(<i>i</i> nges after	000 h 45 g Mo ne, which A).	These are power sup	10000 h 34 g M average values ply, subject to the	e tolerances stip	ulated in NEM

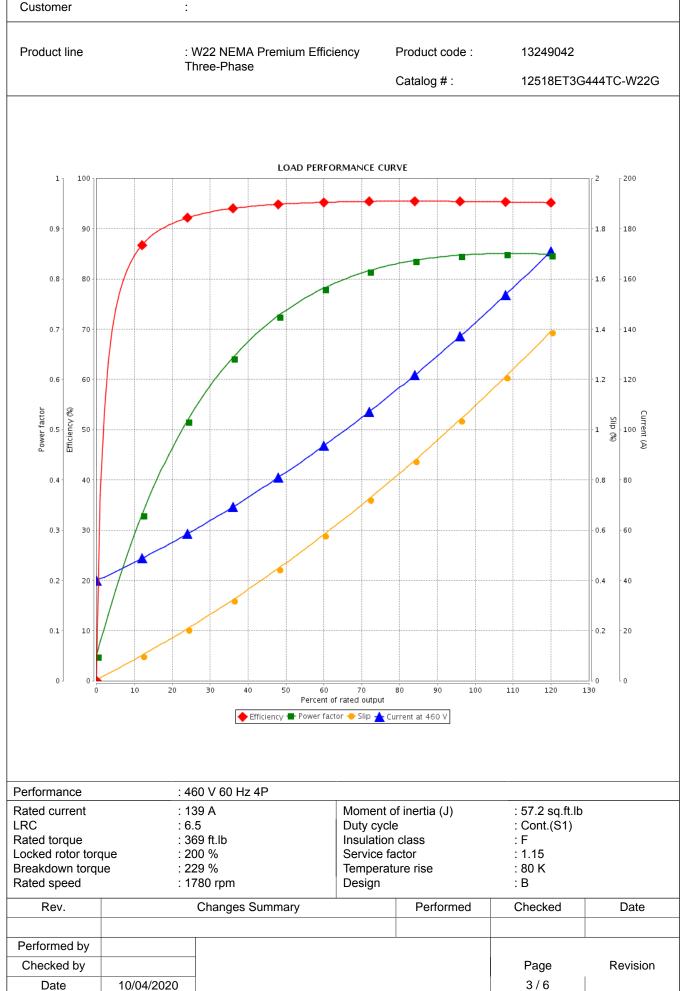
Шeq



LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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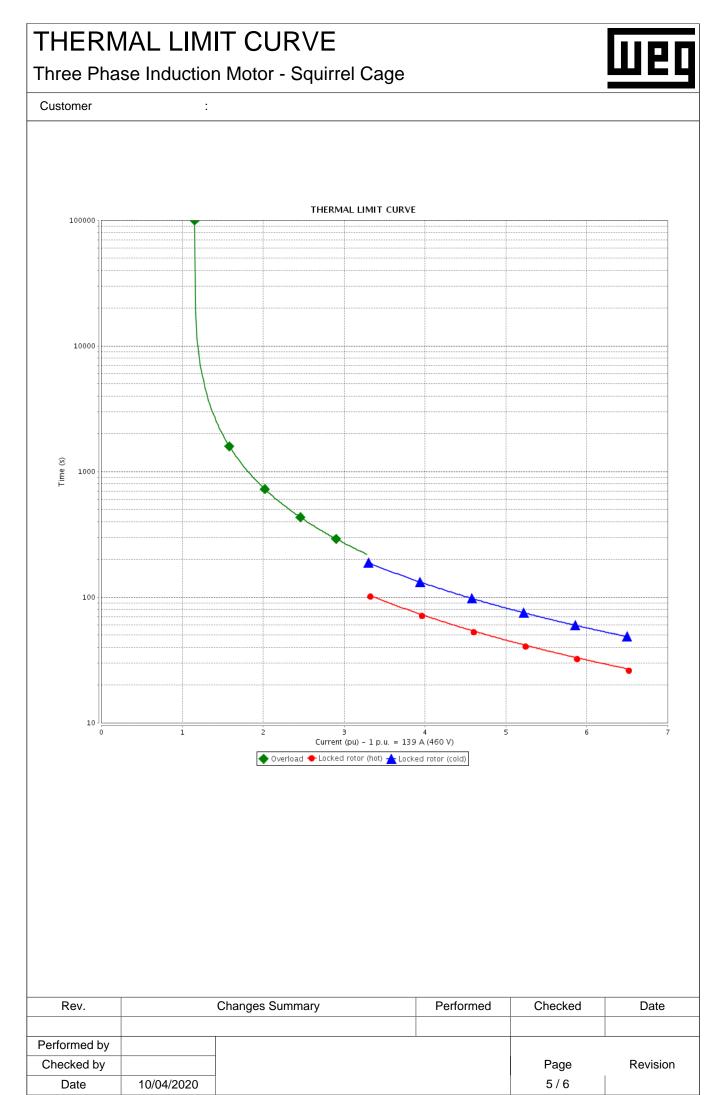
THERMAL LIMIT CURVE

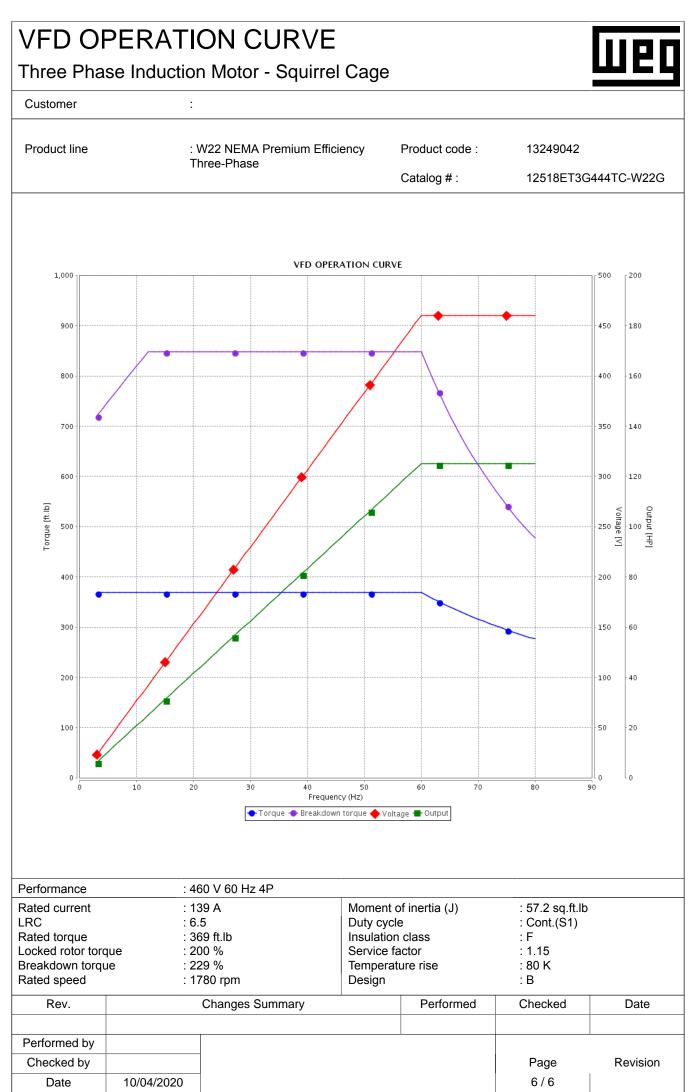
Three Phase Induction Motor - Squirrel Cage



Customer	:		
Product line	: W22 NEMA Premium Efficiency Three-Phase	Product code : Catalog # :	13249042 12518ET3G444TC-W22G
			12310213044410-W220
Performance	: 460 V 60 Hz 4P		

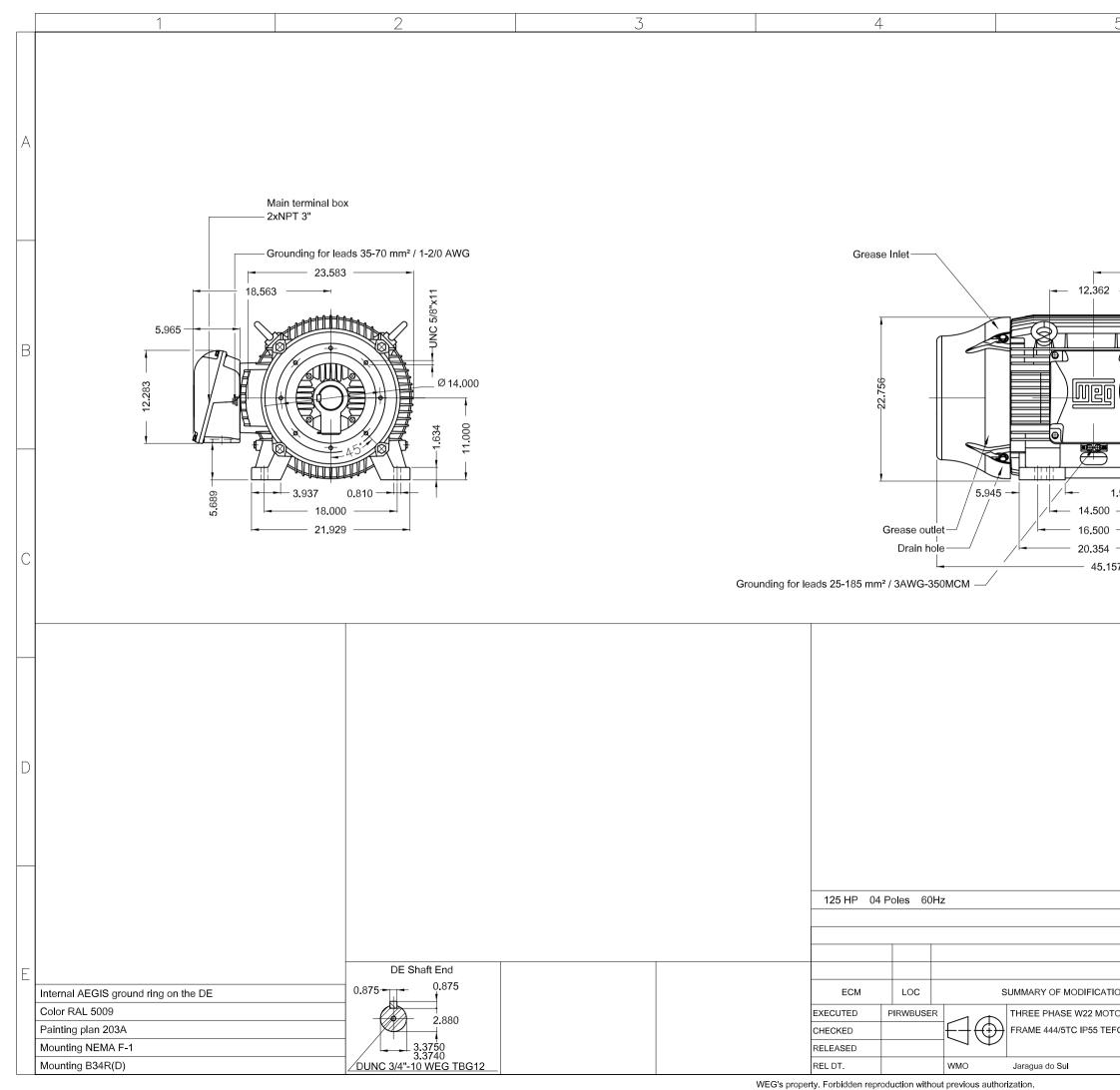
Performance	: 4	60 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torqu Breakdown torqu Rated speed	: 6 : 3 jue : 2 ie : 2	39 A .5 69 ft.lb 00 % 29 % 780 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 57.2 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant	1					
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	10/04/2020				4/6	





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