## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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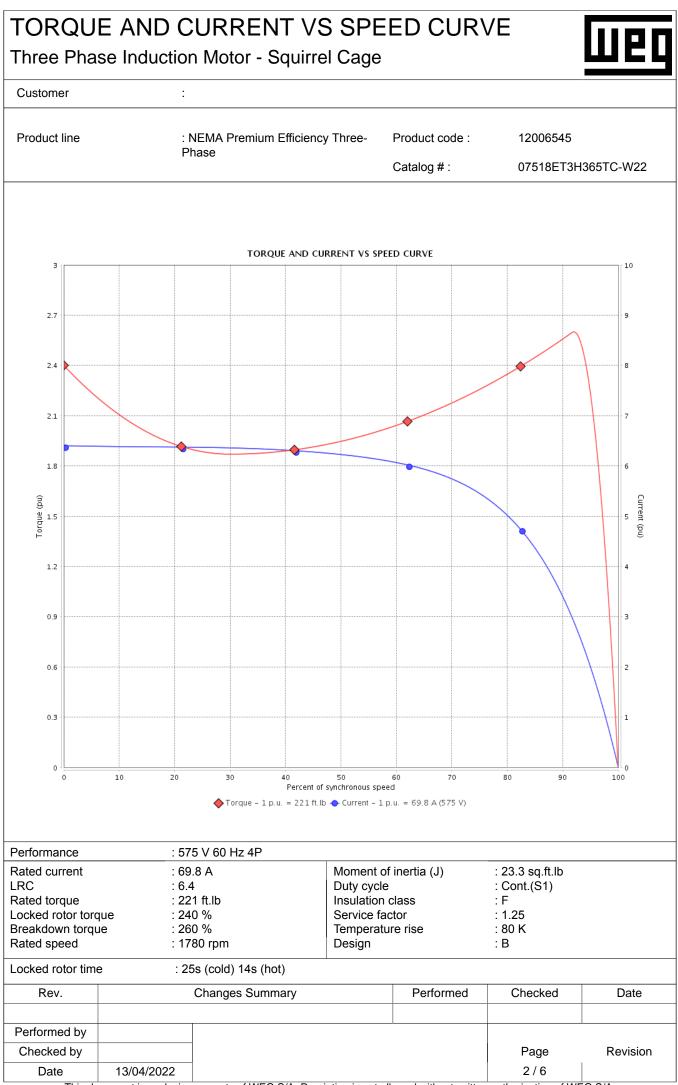
## Customer

		: NEMA Premium Efficiency T Phase			Three-	Product code :	12006545	12006545	
					(	Catalog # :	07518ET3F	1365TC-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torqu Breakdown torqu Insulation class Service factor		: 4 : 60 F : 575 : 69.8 : 446 : 6.4 : 26.4	HP (55 kW) Hz A A (Code G) 4 A 0 rpm W ft.lb % %	)	Tempera Duty cy Ambien Altitude Protecti Cooling Mountin Rotation Noise le	t temperature on degree method g 1 <sup>1</sup> evel <sup>2</sup> method	: 25s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 67.0 dB(A : Direct On : 946 lb	) +40°C .s.l. EFC / and CCW) A)	
Moment of inertian Design	a (J)		3 sq.ft.lb						
Output	25%	50%	75%	100%	Foundatio	on loads			
Efficiency (%)	94.0	94.5	95.0	95.4	Max. tract		: 1496 lb		
Power Factor	0.44	0.68	0.78	0.83	Max. com		: 2442 lb		
Bearing type Sealing				14 C3 VSeal		6314 C3 WSeal			
Lubrication inter Lubricant amour Lubricant type Notes			12	2000 h 27 g	bil Polyrex I	12000 h 27 g			
Lubrication inter Lubricant amour Lubricant type	aces and o ed. lotor from Im and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(	2000 h 27 g Mo one, which A).	These are	12000 h 27 g			
Lubrication inter- Lubricant amour Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 7 3) Approximate v nanufacturing pr 4) At 100% of fu Rev.	aces and o ed. lotor from Im and wit weight sub ocess.	the shaft e th toleranc ject to cha	12 previous o end. e of +3dB( anges after	2000 h 27 g Mo one, which A).	These are power su	12000 h 27 g EM e average values pply, subject to th	e tolerances stip	ulated in NEM	
Lubrication inter- Lubricant amour Lubricant type Notes Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 7 3) Approximate m anufacturing pr 4) At 100% of fu	aces and o ed. lotor from Im and wit weight sub ocess.	the shaft e th toleranc ject to cha	12 previous o end. e of +3dB( anges after	2000 h 27 g Mo one, which A).	These are power su	12000 h 27 g EM e average values pply, subject to th	e tolerances stip	ulated in NEM	

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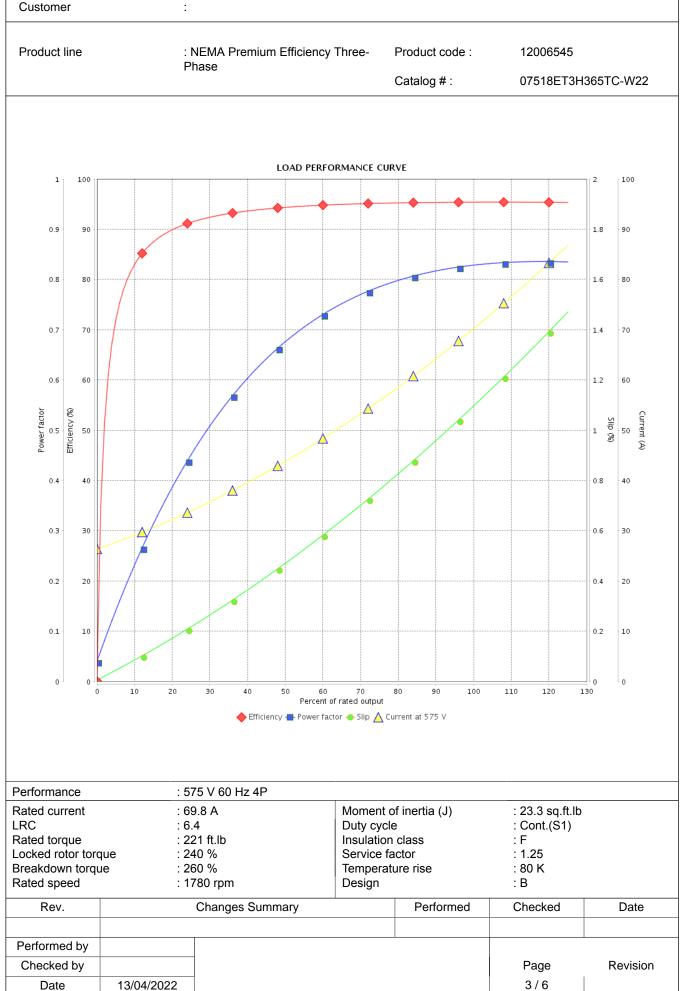


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



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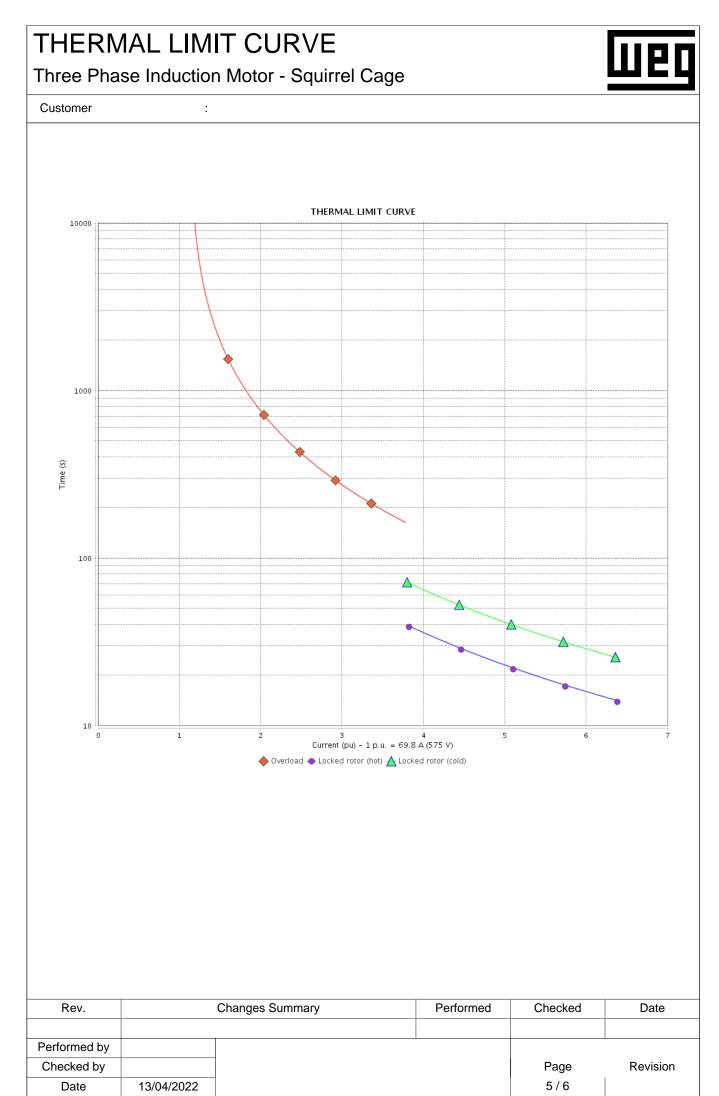
THERM	1AL LIM	IT CURVE				шео
Three Pha	se Inductio	n Motor - Squirrel	Cage			шсч
Customer	:					
Product line		NEMA Premium Efficiency <sup>-</sup> hase		Product code : Catalog # :	12006545 07518ET3H3	365TC-W22
Performance		75 V 60 Hz 4P	N4	<b>5</b> • • • • • • • • • • • • • • • • • • •	00.0 (1.11	
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 69.8 A Momen   : 6.4 Duty cy   : 221 ft.lb Insulation   : 240 % Service   : 260 % Temper   : 1780 rpm Design		class ctor	: 23.3 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by		_			_	
Checked by					Page	Revision

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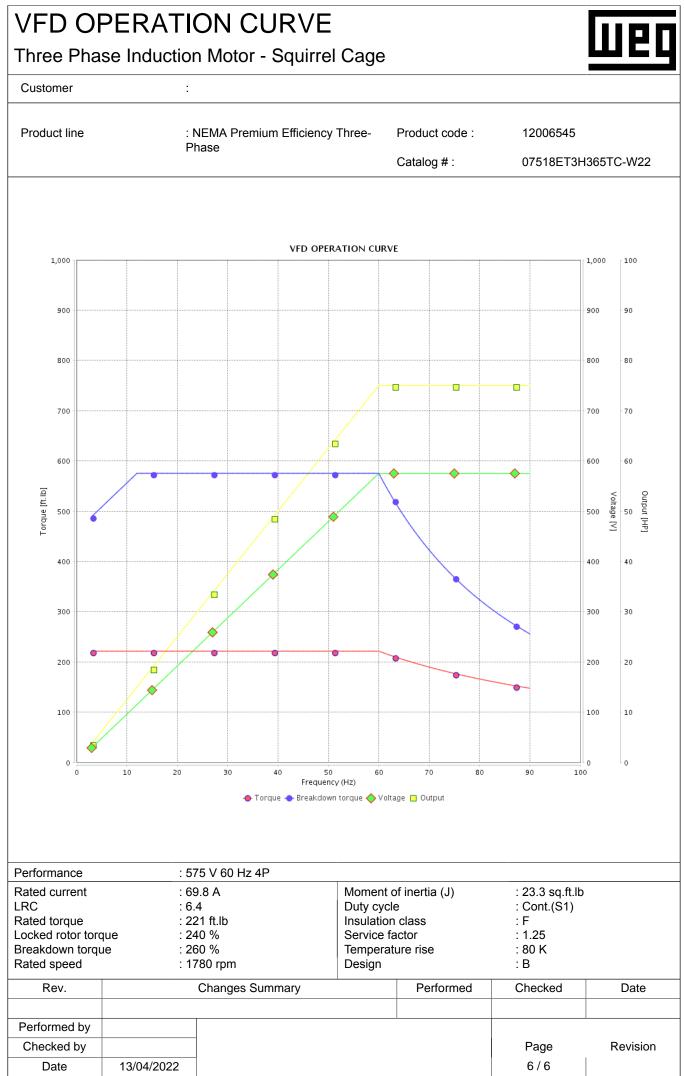
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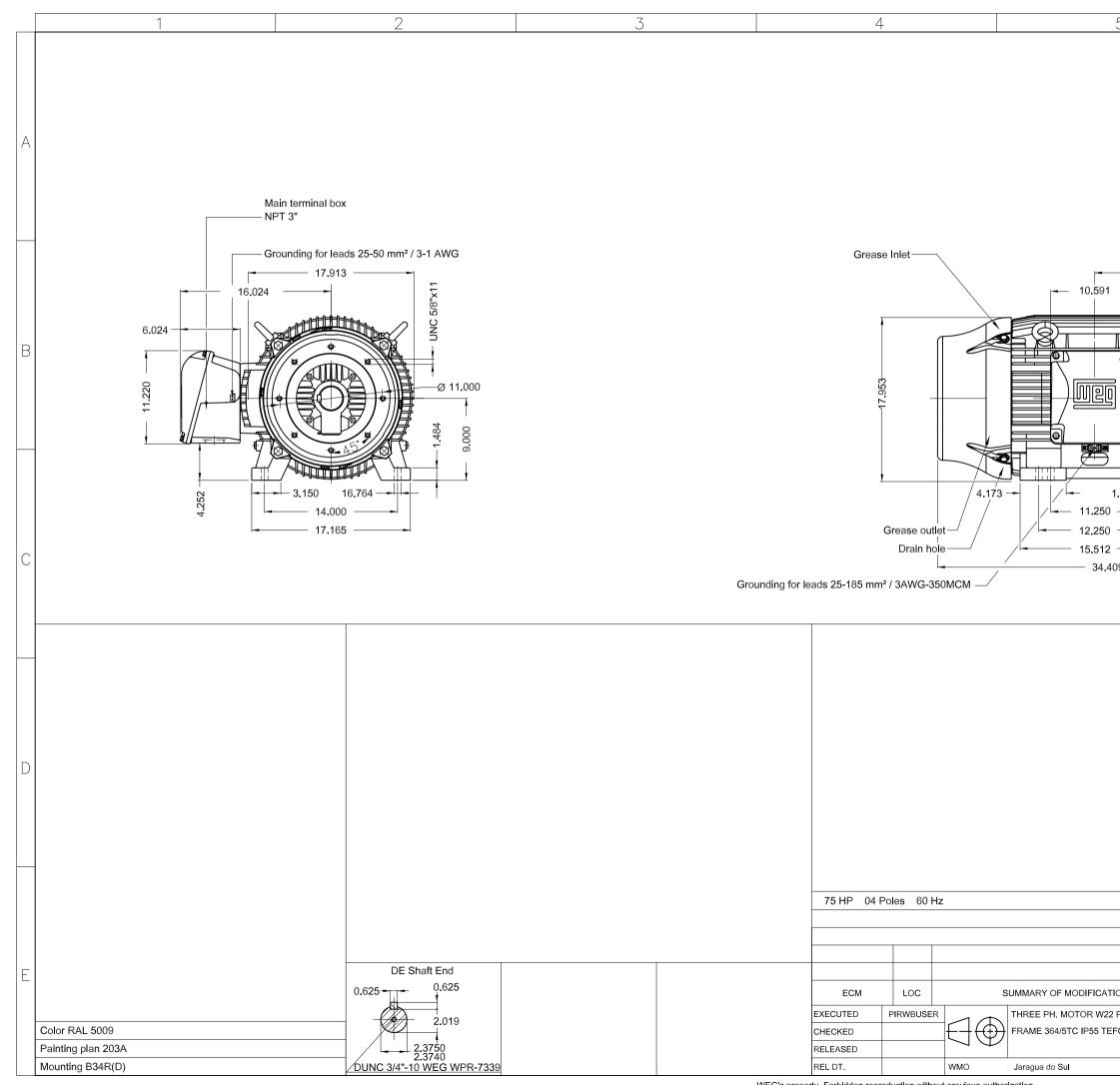


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IONS EXECUTED CHECKED RELEASED DATE VER PREM. EFF. FC WDD	1.634   \ 5.875  09		-5.874 -Grease outlet			Dimensions in inches
	IONS	EXECUTED	CHECKED	RELEASED	DATE	
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	Produc	t Engineering		1 / 1	шС	

