## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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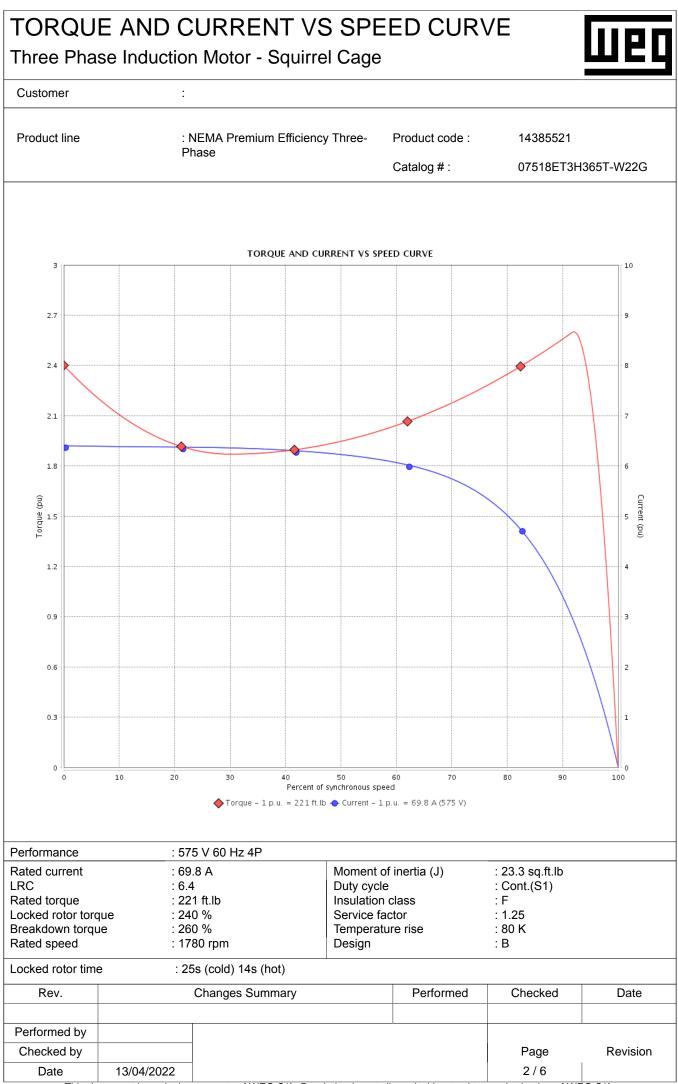
## Customer

Product line		: NEM Phas		m Efficiency 1		roduct code : atalog # :	14385521 07518ET3F	1365T-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 inerti	ue	: 4 : 60 F : 575 : 69.8 : 446 : 6.4) : 26.4 : 178 : 1.11 : 221 : 240 : 260 : F : 1.25	HP (55 kW) Hz A A (Code G) 4 A 0 rpm I % ft.lb % %	,	Locked r Tempera Duty cyc	otor time ture rise le temperature n degree method y vel <sup>2</sup> method	: 25s (cold : 80 K : Cont.(S1) : -20°C to : 1000 m.a : IP55 : IC411 - T : F-1	) 14s (hot) +40°C .s.l. EFC / and CCW)
Design		: B						
Output	25%	50%	75%	100%	Foundation			
Efficiency (%) Power Factor	94.0 0.44	94.5 0.68	95.0 0.78	95.4 0.83	Max. traction Max. comp		: 1510 lb : 2429 lb	
	าเ	:	2	27 g		12000 h 27 g		
Lubricant type	11	:	2		bil Polyrex E	27 g		
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate v manufacturing pr (4) At 100% of fu	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e	previous o end. e of +3dB(/	ne, which	These are	27 g M average values	based on tests w	
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate of manufacturing pr	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(/	ne, which A).	These are power sup	27 g M average values		
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate manufacturing pr 4) At 100% of fu	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB( <i>i</i> anges after	ne, which A).	These are power sup	27 g	ne tolerances stip	ulated in NEMA
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate v nanufacturing pr 4) At 100% of fu Rev.	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB( <i>i</i> anges after	ne, which A).	These are power sup	27 g	ne tolerances stip	ulated in NEMA

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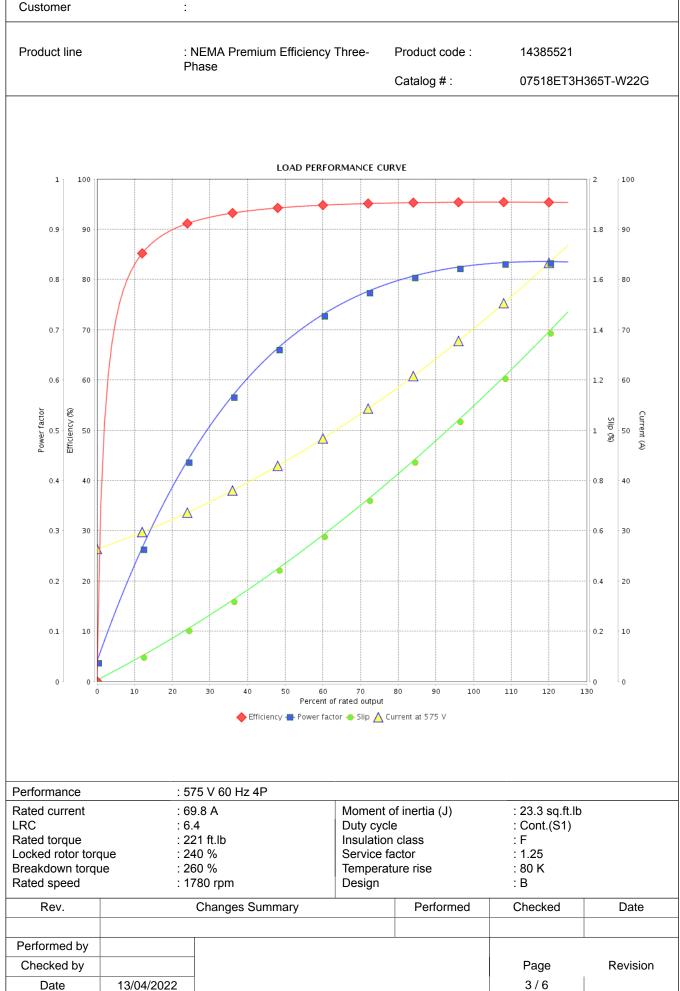


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



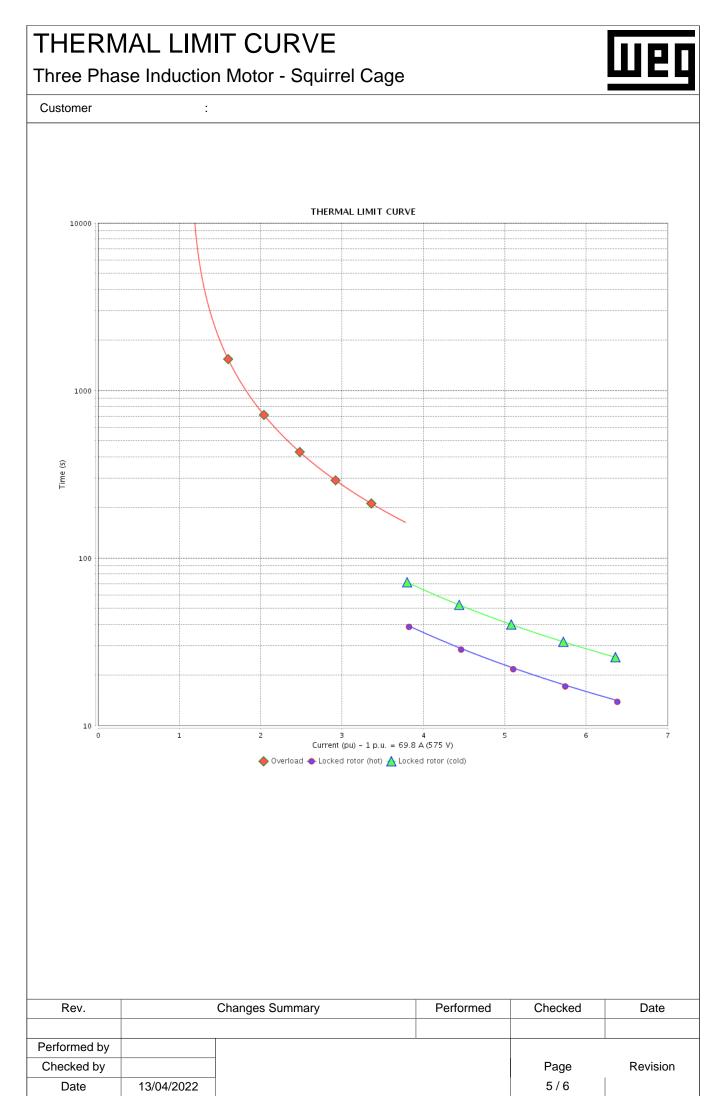
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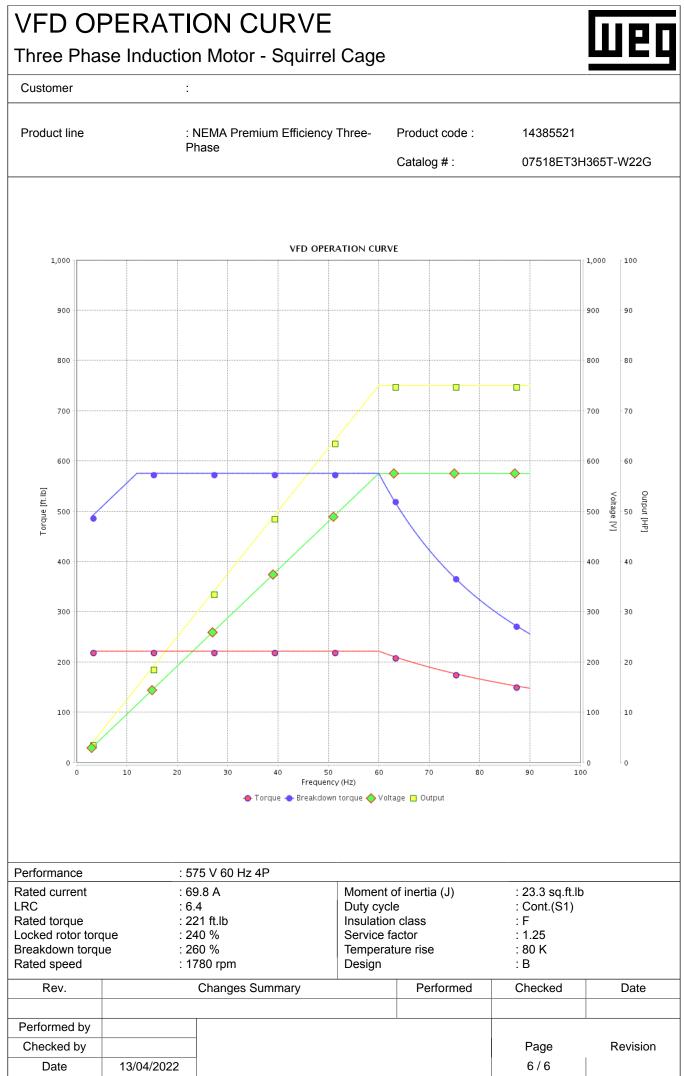
: NEMA Premium Efficiency Three- Phase	Product code :	14385521
	Catalog # :	07518ET3H365T-W22G

Performance	: 5	75 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu	: 6 : 2 que : 2 ue : 2	21 ft.lb 40 % 60 %	Duty cycle Insulation Service fa Temperatu	class ctor	: 23.3 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K	
Rated speed	: 1	780 rpm	Design		: B	
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022	1			4/6	

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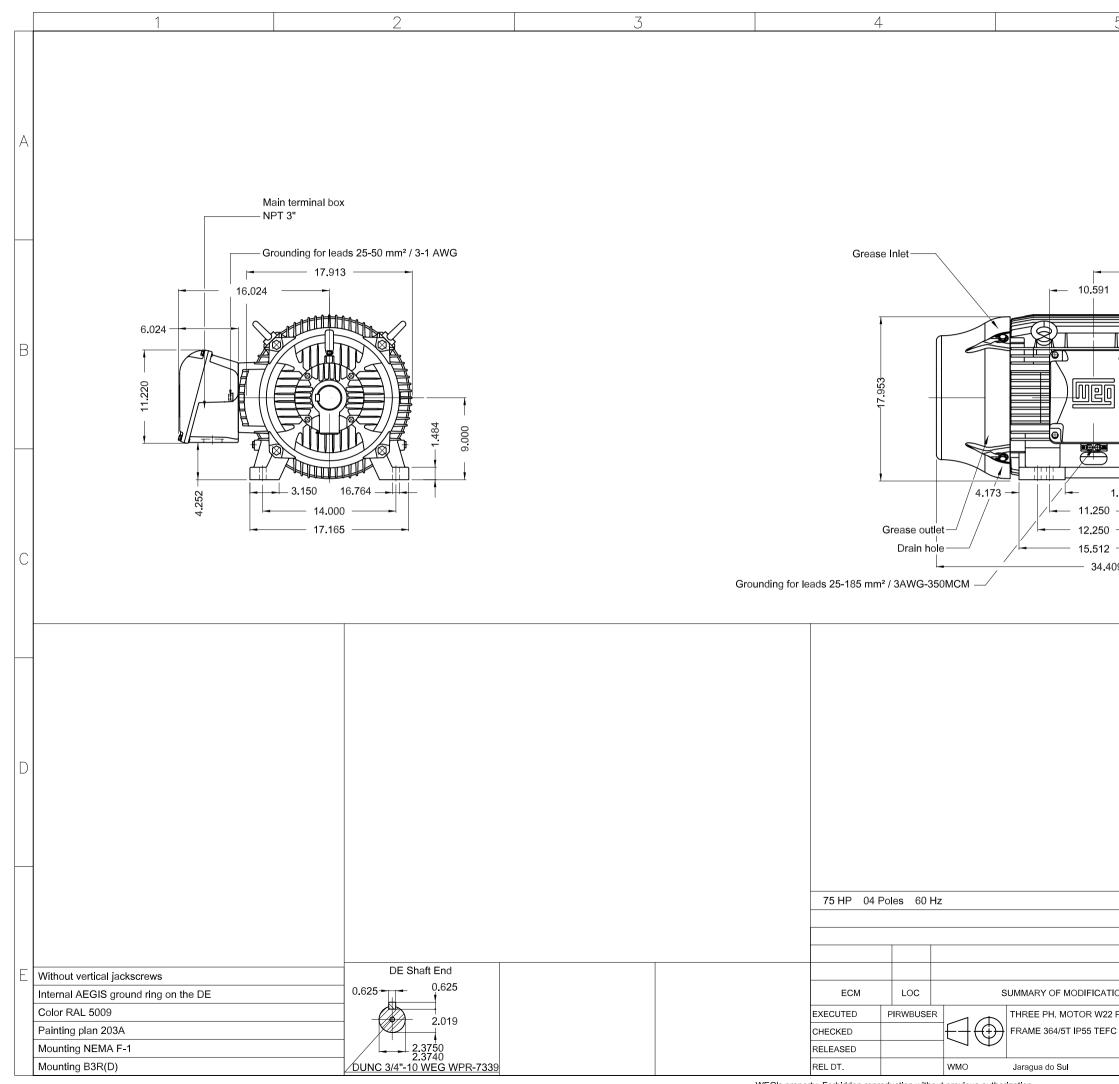


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IONS EXECUTED CHECKED RELEASED DATE VER	11.988 11.988 1.634 5.875	Gre	- 4.331 			
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Product Engineering SHEET 1 / 1	Product	Engineering	SHEET	1 / 1		