# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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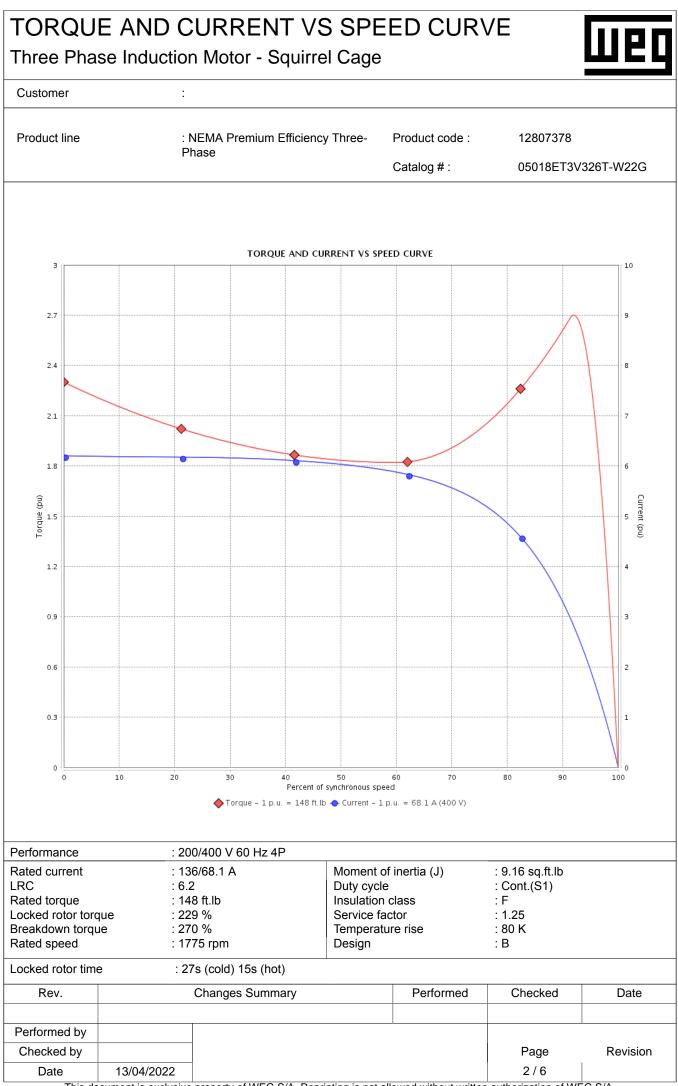
#### Customer

				m Efficiency ∃	Three-	Product code :	12807378	
		Phas	e		1	Catalog # :	05018ET3V	/326T-W22G
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inertia	le	: 4 : 60 H : 200 : 136 : 844 : 6.2x : 54.0 : 177 : 1.39 : 148 : 229 : 270 : F : 1.25 : 9.16	HP (37 kW Hz /400 V /68.1 A /422 A ((Code G) )/27.0 A 5 rpm 9 % ft.lb % %	)	Locked Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	rotor time ature rise cle t temperature on degree method	: 27s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 66.0 dB(A : Direct On : 594 lb	) +40°C .s.l. EFC / and CCW)
Design	25%	: B	750/	4000/	Foundatio	n la ada		
Output Efficiency (%)	25% 92.5	50% 93.0	75% 94.1	100% 94.5	Foundatio		: 1236 lb	
Power Factor	92.5 0.42	93.0 0.66	94.1 0.77	94.5 0.83	Max. trac Max. com		: 1830 lb	
Sealing Lubrication inter		:		'Ring 1000 h		V'Ring 20000 h		
Lubricant amour Lubricant type Notes		:	:	21 g Mo	bil Polyrex	13 g EM		
Lubricant type	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc	previous c end. e of +3dB(	ne, which A).	These ar	EM e average values	based on tests w	
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 7 3) Approximate v manufacturing pro-	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c end. e of +3dB(	one, which A).	These ar power su	EM e average values		
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. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c end. e of +3dB( inges after	one, which A).	These ar power su	EM e average values pply, subject to th	ne tolerances stipu	ulated in NEMA
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	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c end. e of +3dB( inges after	one, which A).	These ar power su	EM e average values pply, subject to th	ne tolerances stipu	ulated in NEMA

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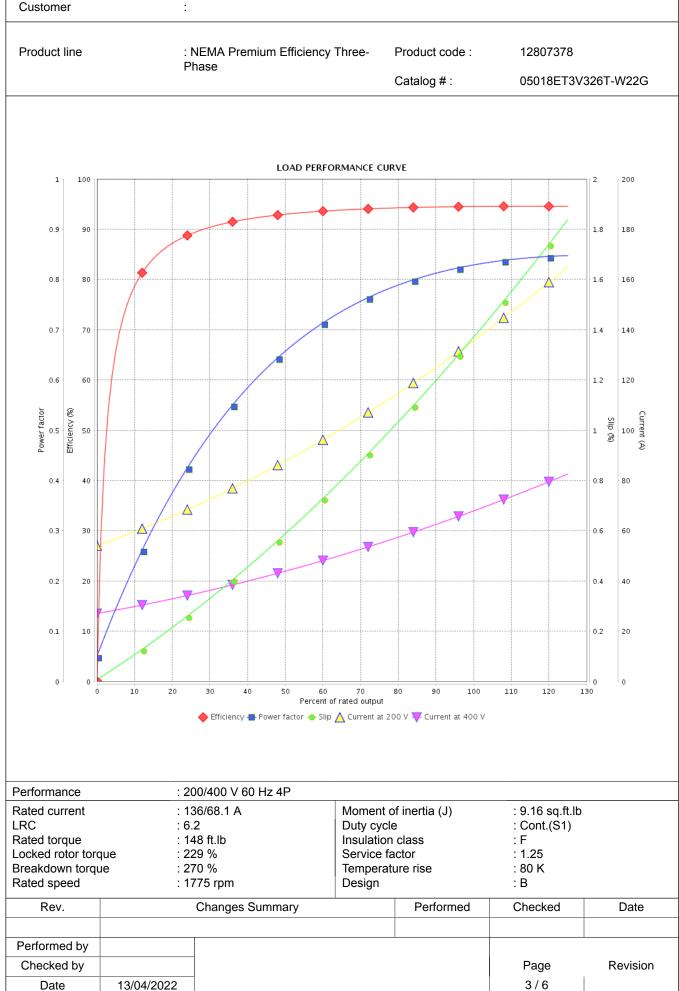


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

### Customer



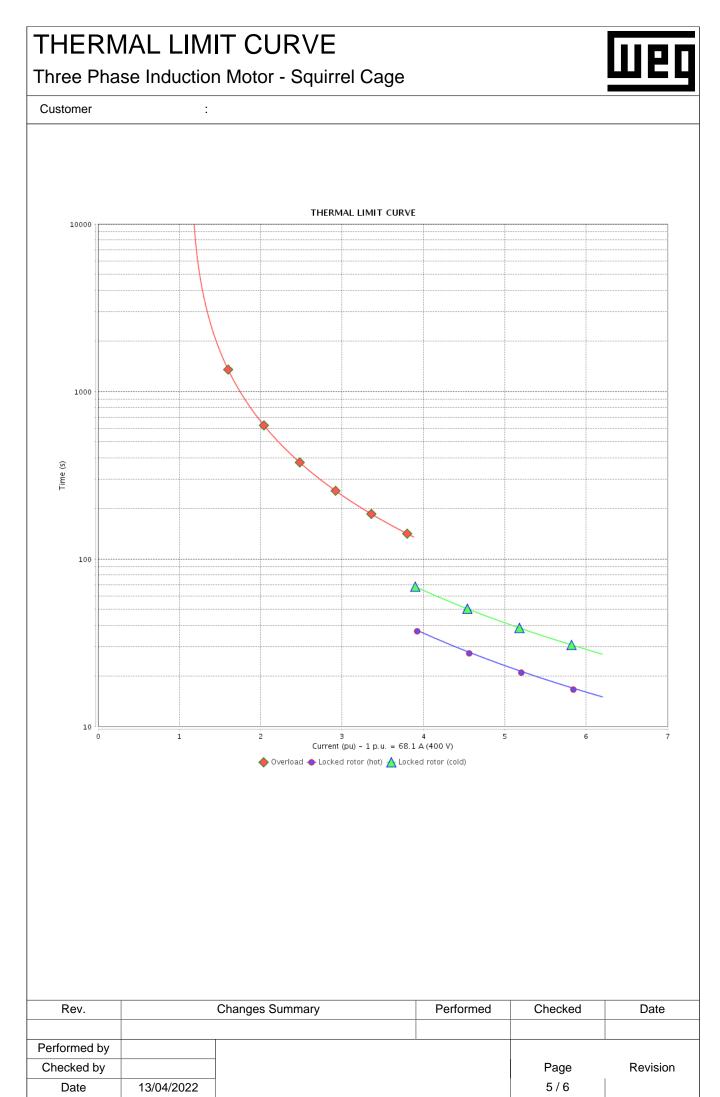
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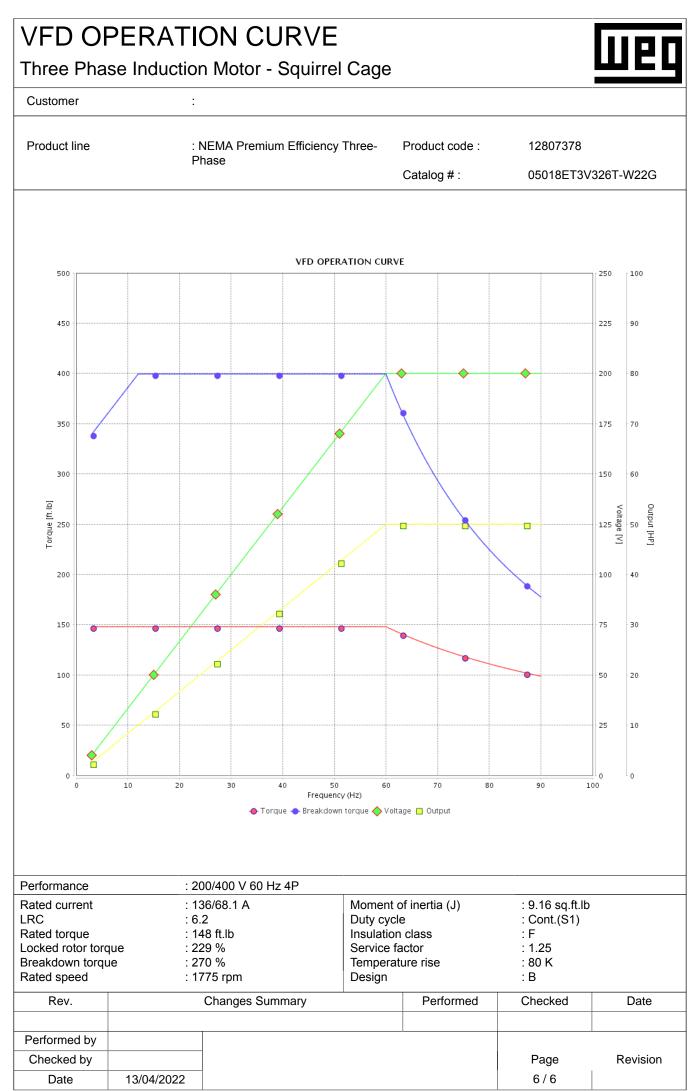
THERMAL LIMIT CURVE Three Phase Induction Motor - Squirrel Cage					
Customer	:				
Product line	: NEMA Premium Efficiency Phase		Product code : Catalog # :	12807378 05018ET3V32	26T-W22G
Performance	: 200/400 V 60 Hz 4P				
	: 136/68.1 A : 6.2	Duty cycle		: 9.16 sq.ft.lb : Cont.(S1)	
I I I I I I I I I I I I I I I I I I I	: 148 ft.lb : 229 %	Insulation Service fa		: F : 1.25	
	: 229 % : 270 %	Temperat		: 1.25 : 80 K	
	: 1775 rpm	Design		: B	
Heating constant Cooling constant					
Rev.	Changes Summary		Performed	Checked	Date

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Performed by					
Checked by				Page	Revision
Date	13/04/2022			4 / 6	

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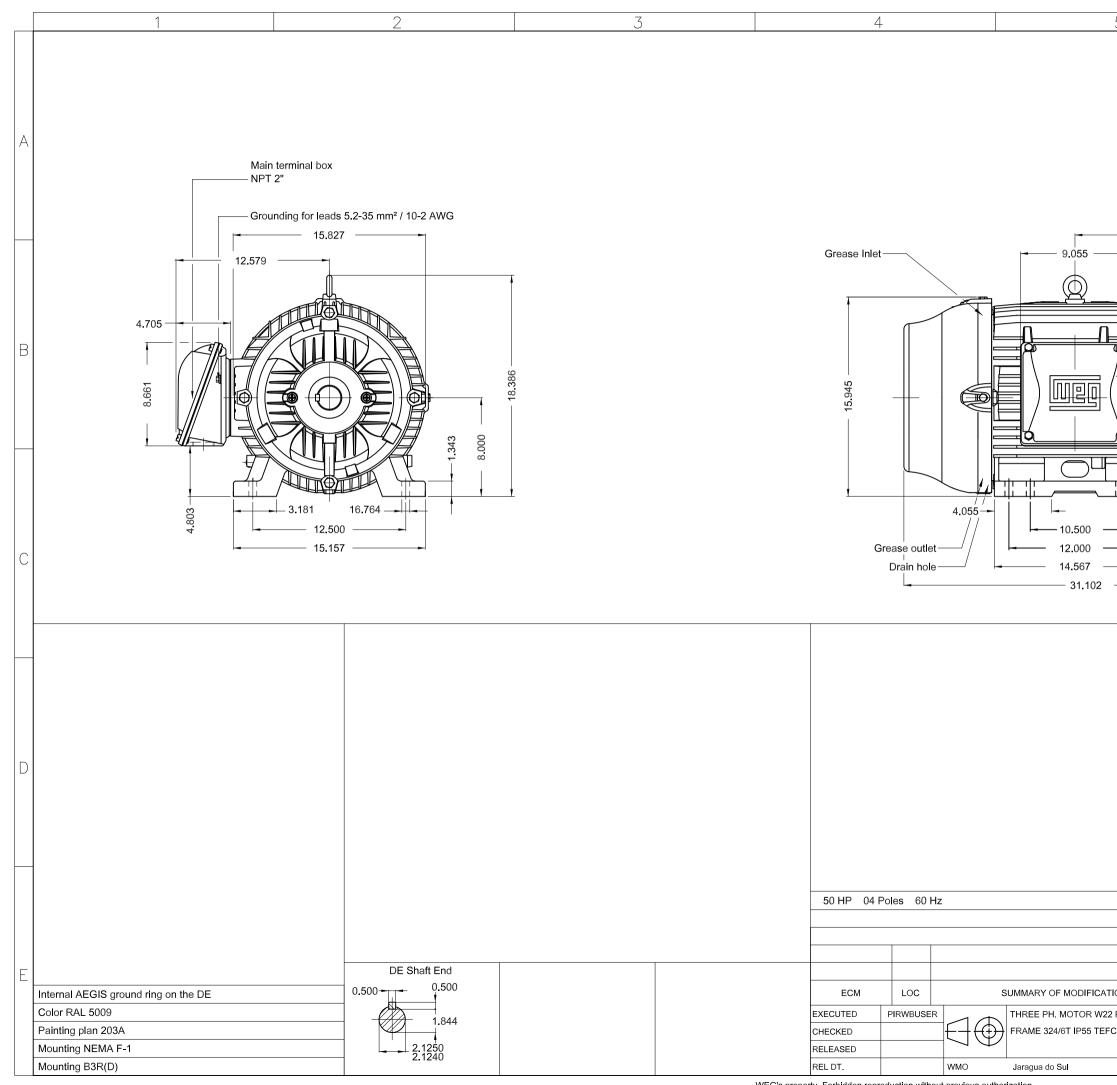


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PREM. EFF.		REVIEW		
C	W	DD	ШВ	IE A3
Product	Engineering SHEE	T 1 / 1		XME



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Inverter Duty Motor Severe Duty

#### CUUSE Server US Loss For use on PWM: VT 1000:1, CT 20:1, Energy Value CC029A

MADE IN BRA7 12807378	PH3     60Hz       V     200/400       HP     50       SF     1.25       RPM     1775       AMB     40°C       DUTY     CONT.	Fr. 324/6T 1000m.a.s.l. IP55 TEFC 594Ib A 136/68.1 kW 37 SFA 170/85.1 PF 0.83 INS cl. F DT80K NEWA NON EFF 94.5% DES B Code G	$\begin{array}{c c c c c c c c c c c c c c c c c c c $