# DATA SHEET

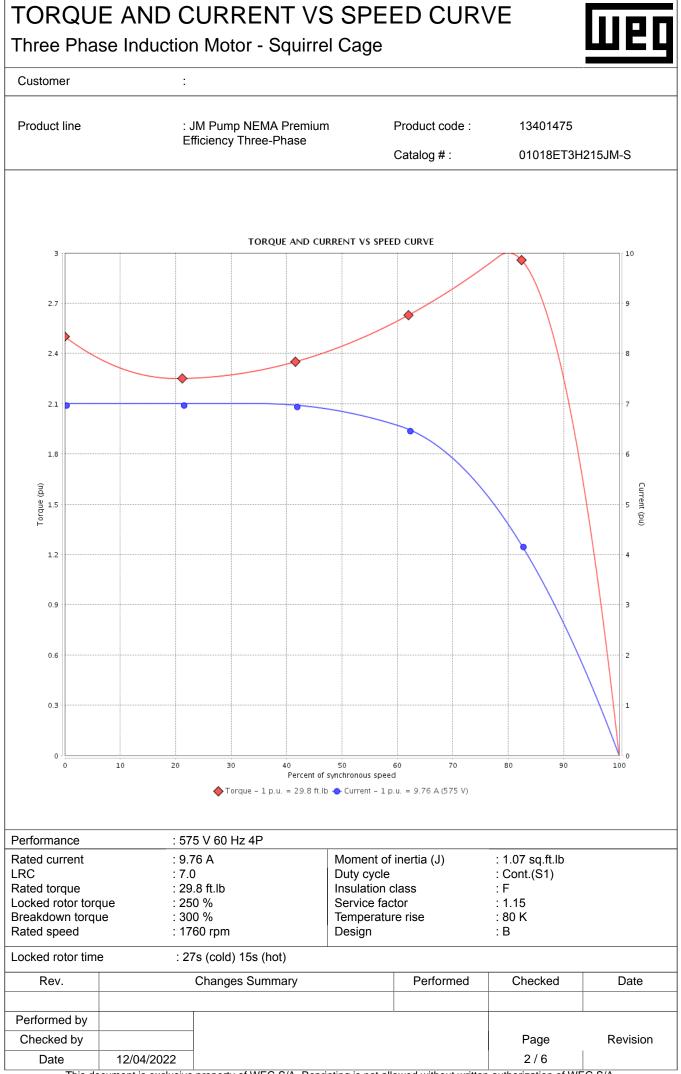
Three Phase Induction Motor - Squirrel Cage

:



#### Customer

Product line		Pump NEM ency Three	/A Premium e-Phase	Product Catalog :			13401475				
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J)		: 10 F : 4 : 60 F : 575 : 9.76 : 68.3 : 7.0x : 4.43 : 176 : 2.22 : 29.8 : 250 : 300 : F : 1.15	5 V 6 A 3 A (Code H) 3 A 60 rpm 2 % 8 ft.lb 9 %	/)	Locked rotor tim Temperature rise Duty cycle Ambient temper Altitude Protection degre Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>	e e ature ee	01018ET3H215JM-S : 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 60.0 dB(A) : Direct On Line : 142 lb				
Design Output	25%	50%	75%	100%	Foundation loads						
Efficiency (%) Power Factor	90.2 0.41	91.0 0.67	91.0 0.78	91.7 0.84	Max. traction Max. compression		: 434 lb : 576 lb				
Sealing		•	v	"Ring		V'Ring					
Lubrication inten Lubricant amoun Lubricant type Notes This revision repla	aces and o	zancel the		- - Mo	bil Polyrex EM	- - le values b					
Lubrication inten Lubricant amoun Lubricant type Notes	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e	previous o end. æ of +3dB(/	- Mo one, which A).	bil Polyrex EM	- - le values b					
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Lubrication interv Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous o end. ee of +3dB( <i>i</i> anges after	- Mo	bil Polyrex EM These are average power supply, sub MG-1.	e values b	tolerances stipu	lated in NEMA			
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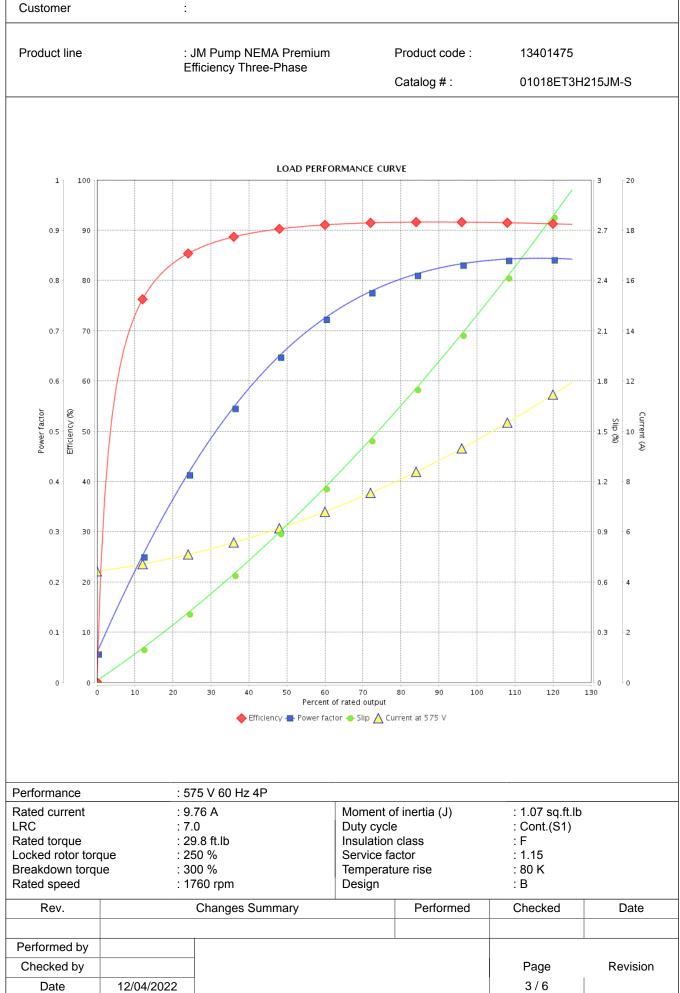


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

#### Customer



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### THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

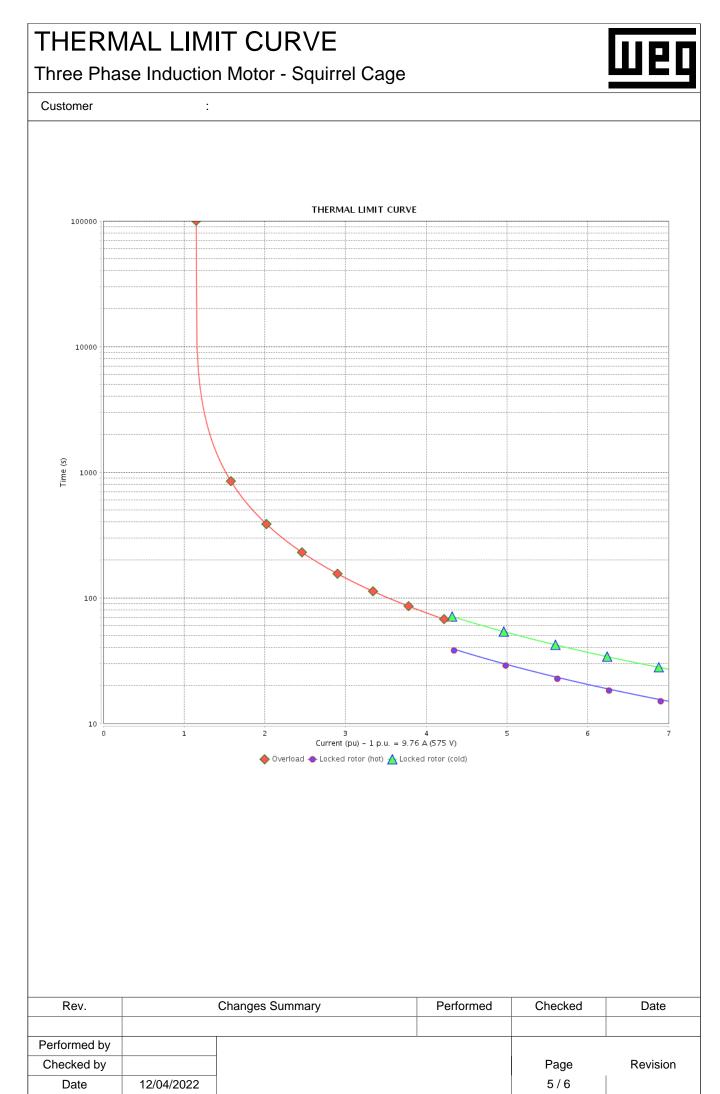
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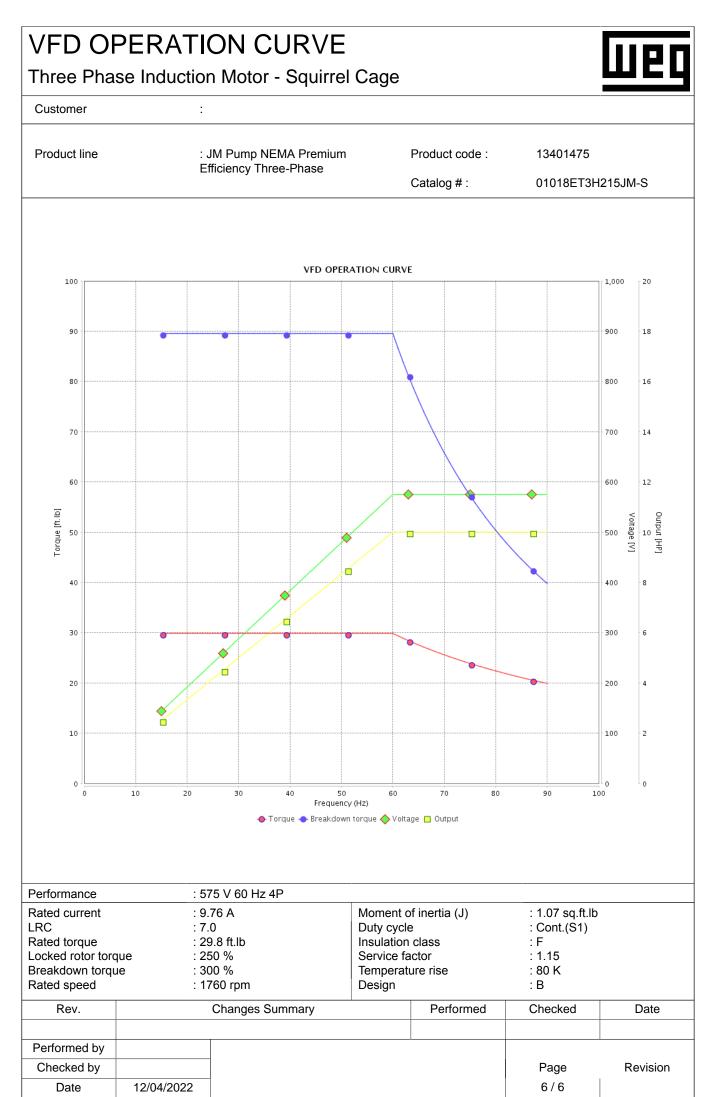
Customer

Product line	: c Et	JM Pump NEMA Premium fficiency Three-Phase		Product code :	13401475	
				Catalog # :	01018ET3H2	15JIVI-5
Performance	. 57	75 V 60 Hz 4P				
Rated current			Moment o	f inertia (J)	: 1.07 sq.ft.lb	
Rated current: 9.76 A.RC: 7.0Rated torque: 29.8 ft.lb.ocked rotor torque: 250 %Breakdown torque: 300 %Rated speed: 1760 rpm		0 9.8 ft.lb 50 % 00 %	Duty cycle Insulation Service fa Temperatu Design	e class ctor	: Cont.(S1) : F : 1.15 : 80 K : B	
Heating constan	t					
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
<b>.</b>						
Performed by		1			-	<b>D</b> · ·
Checked by	40/04/05555	-			Page	Revision
Date	12/04/2022				4 / 6	

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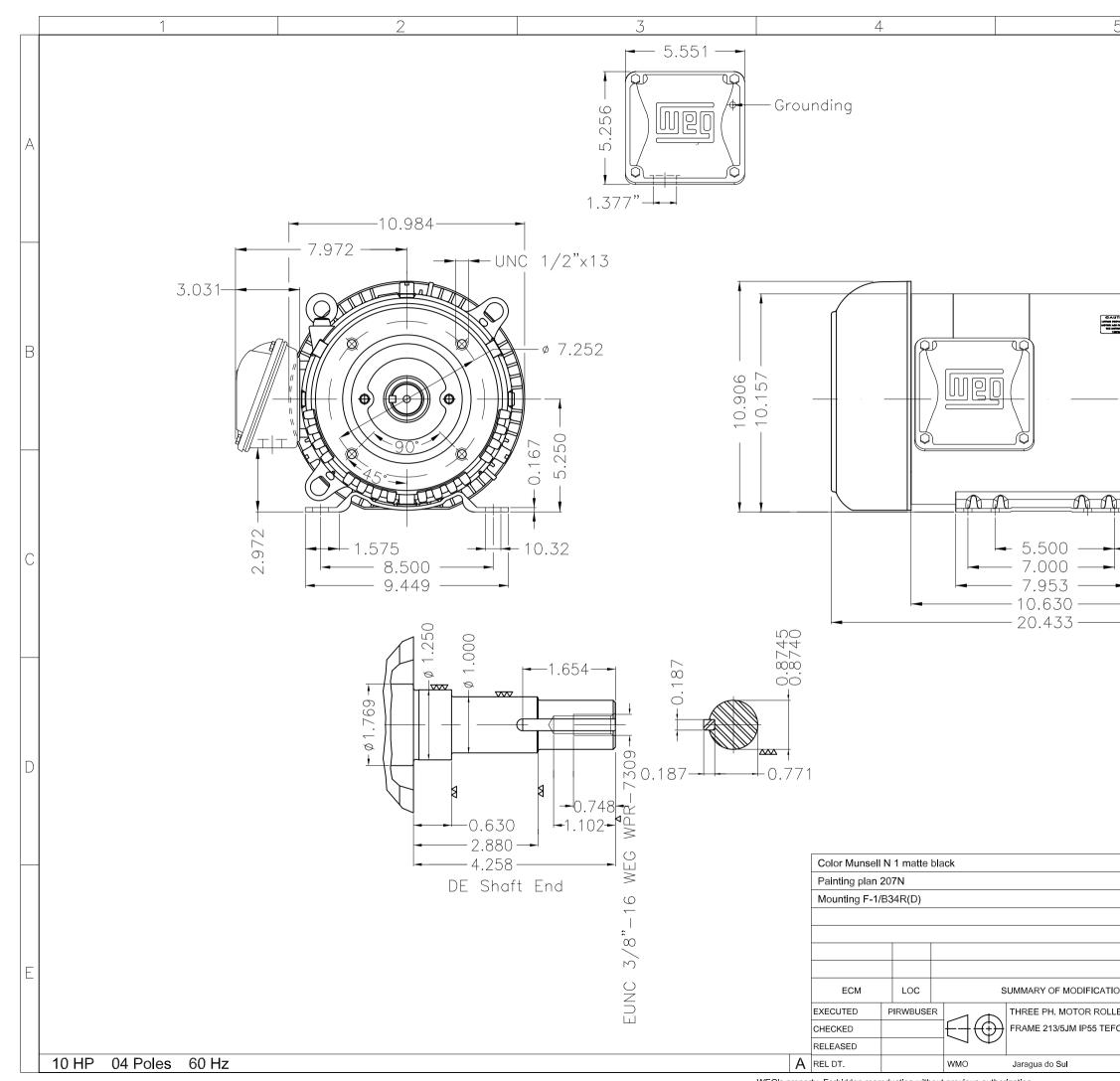


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5			6			
	- 0.25			Ø 8.795		Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
LED STEEL CLOSE ( FC		° "PREVI WDD │	ÊW	Ше		A3
Product	Engineering	SHEET	1 / 1			XME

C C US C US Energy Verified	For 60Hz: Class I, Zone 2, IIC Class I, DIVZ, Gr. A,B,C,D - T3 DIV 2 Inverter Duty (5F1.00) CT 2:1/VT 1000:1						VT, 4:1 CT	T2-WHT	T3-ORG	T4-YEL T5-RI K	T6-GRY	077.7		26572	
COLOUS LISTED FOR SAFE AREA	For 60H2: Cla Class I, DIV2, DIV 2 Invert	10 7.5	575 9.76	·. ·	0.84	RPM 1760 NEMA 91.7%	For safe area-inverter duty motor For use on VPWM 1000:1 VT, 4:1 CT 209-27 DDF 6206-27 MORIL POLYREX FM		T2 <b>T</b> 3		ì	REVERSE THE ROTATION	In accordance with local revent serious electrical ce before servicing unit.	AVERTISSEMENT: Le moteur doit être mis à la terre conformément aux codes électriques locaux et nationaux afin d'éviter tout choc électrique grave. Déconnectez l'alimentation avant l'entrefien de la machine.	
<b>NEMA</b> <b>Fremium</b>	5 CC029A N 101 S/N:	Hz 60 HP KW	> <	H	DES B PF	r	Inverter duty motor			L1 L1	Þ	INTERCHANGE 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 shocks. Disconnect power source before servicing unit.	AVERTISSEMENT: Le moteur doit être mis à la terre odes éléctriques locaux et nationaux afin d'éviter toi e. Déconnectez l'alimentation avant l'entretien de la l	
	MADE IN MÉXICO MAT: 13401475 W01.TEOICOXON JM010504NPW01 17DEC2021 S/	PH 3 H FR 213/5JM	DUTY CONT.	1	AMB 40°C		For safe area					INTERCHANGE	WARNING: 1 and nati	conformément aux cod choc électrique grave. I	