DATA SHEET

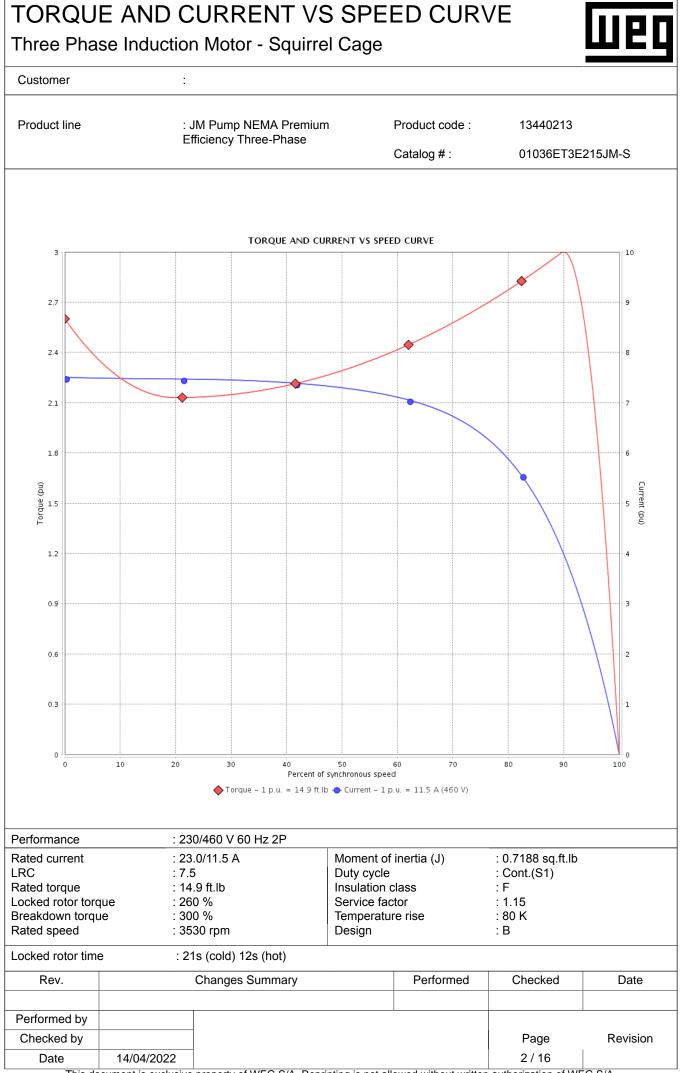
Three Phase Induction Motor - Squirrel Cage

:



Customer

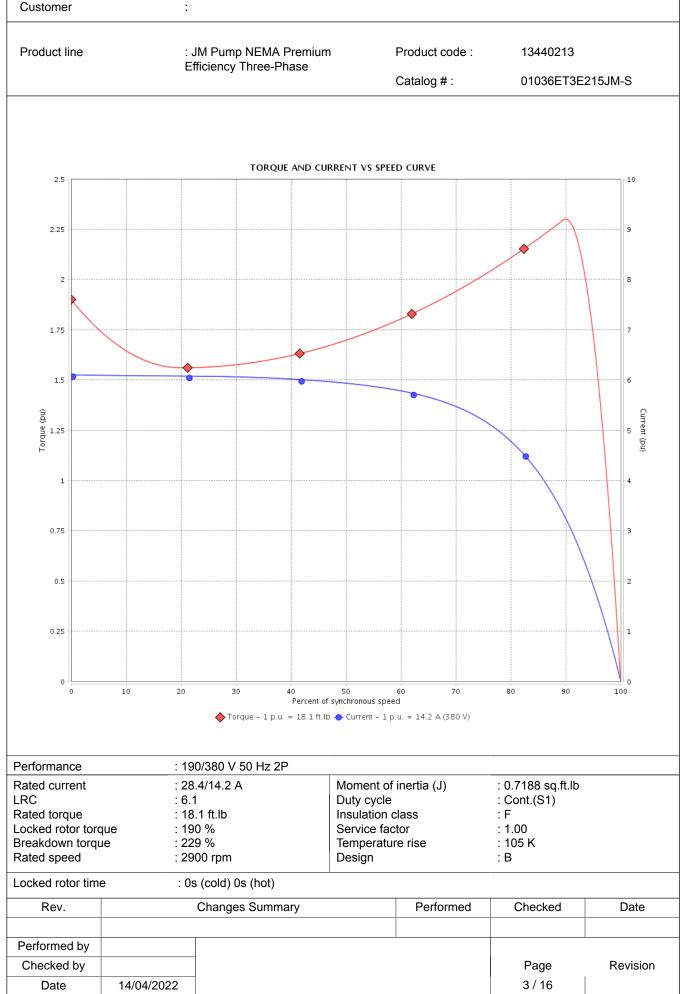
Product line		: JM Pump NEMA Premiun	n Prod	Product code :		13440213	
		Efficiency Three-Phase	Cata	alog # :	01036ET3E2	215JM-S	
Frame Insulation class Duty cycle Ambient tempera	ature	: 213/5JM : F : Cont.(S1) : -20°C to +40°C	Cooling met Mounting Rotation ¹		: IC411 - TEI : F-1 : Both (CW a : Direct On L	and CCW)	
Altitude Protection degre Design		: 1000 m.a.s.l. : IP55 : B	Approx. wei	Starting method Approx. weight ³ Moment of inertia (J)		t.lb	
Output [HP]		10		10		10	
Poles		2		2		2	
Frequency [Hz]		60		50		50	
Rated voltage [V]		230/460	190/380 220/415		0/415		
Rated current [A]		23.0/11.5	28	.4/14.2	25.	1/13.3	
R. Amperes [A]		173/86.2		3/86.6		1/90.4	
.RC [A]		7.5x(Code H)		Code G)		Code G)	
lo load current [A]	7.53/3.77	7.4	3/3.71	7.5	3/3.99	
Rated speed [RPN	Л]	3530	2	2900	2	910	
Slip [%]		1.94	:	3.33	3	3.00	
Rated torque [ft.lb]	14.9		18.1	1	8.0	
ocked rotor torqu		260		190		220	
Breakdown torque		300		229		260	
Service factor	-	1.15		1.00		.00	
emperature rise		80 K		05 K		05 K	
ocked rotor time		21s (cold) 12s (hot)	Os (co	d) 0s (hot)	Os (colo	d) 0s (hot)	
loise level ²		70.0 dB(A)		0 dB(A)		dB(A)	
	25%	89.3				1.3	
\Box f is is a set $\langle 0/\rangle$	50%	89.5		90.0	9	0.1	
Efficiency (%)	75%	90.2		89.2	8	9.7	
	100%	90.2		87.2 88.2		8.2	
	25%	0.53		0.59	0.55		
- - <i>i</i>	50%	0.80		0.85	0	.82	
Power Factor	75%	0.88		0.90		.89	
	100%	0.91		0.92).92	
Bearing type	1	Drive end Non drive e : 6209 ZZ 6206 ZZ			: 179 lb		
Sealing		: V'Ring Without Bearing S	Max. compre		: 350 lb		
Lubrication interv	/al	:					
Lubricant amour	t	:					
Lubricant type		: Mobil Polyrex EM					
Notes USABLE @208V	25.4A SF 1.	00 SFA 25.4A					
must be eliminate (1) Looking the m (2) Measured at 1	ed. lotor from the Im and with t weight subjec ocess.	ncel the previous one, which e shaft end. olerance of +3dB(A). ct to changes after			based on tests wit tolerances stipul		
Rev.		Changes Summary		Performed	Checked	Date	
Performed by							
Checked by					Page	Revision	
Date	14/04/202			1	1 / 16		



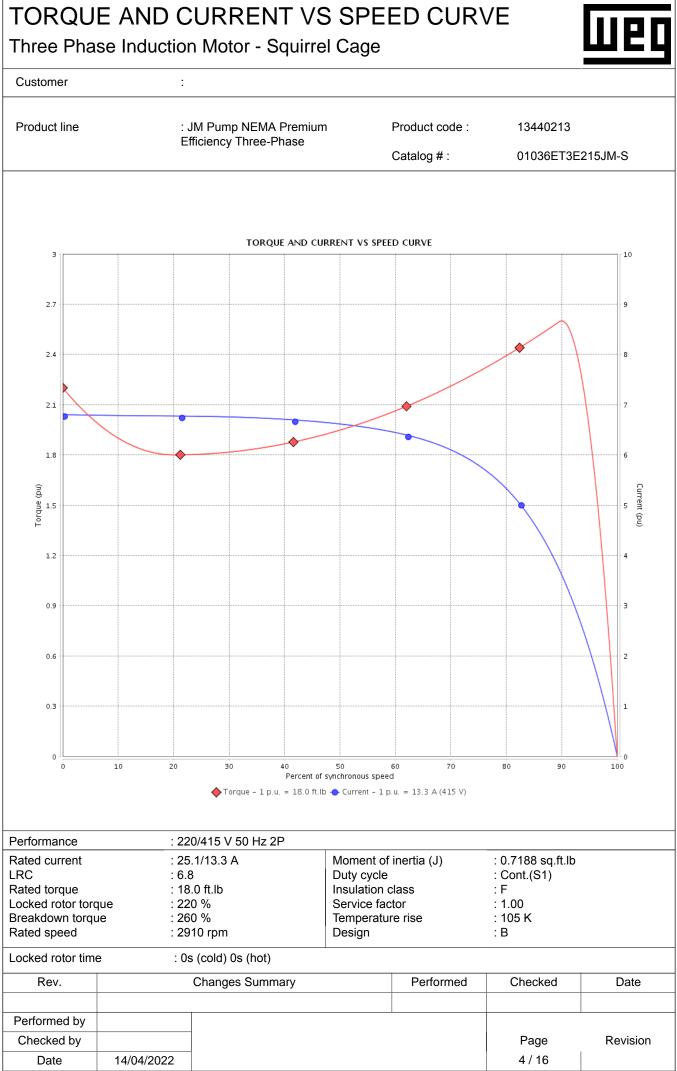
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

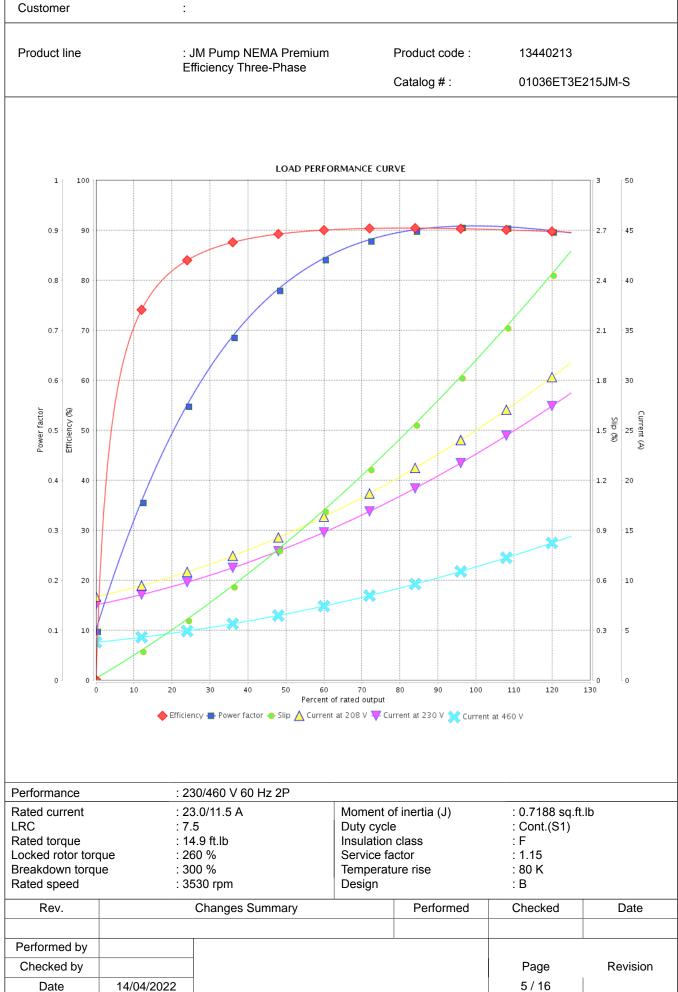


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

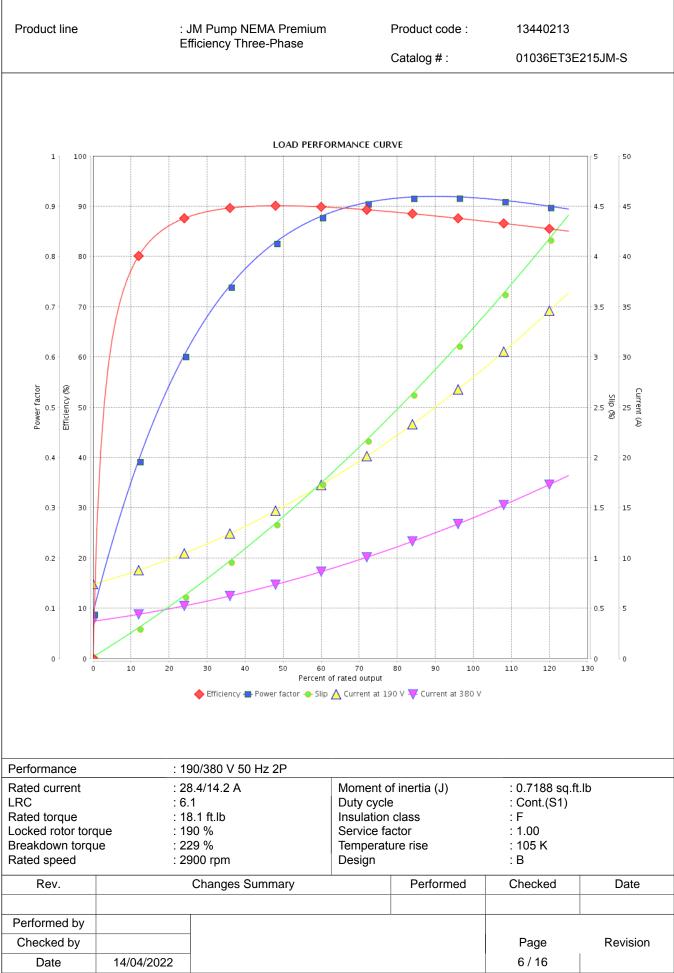
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

:



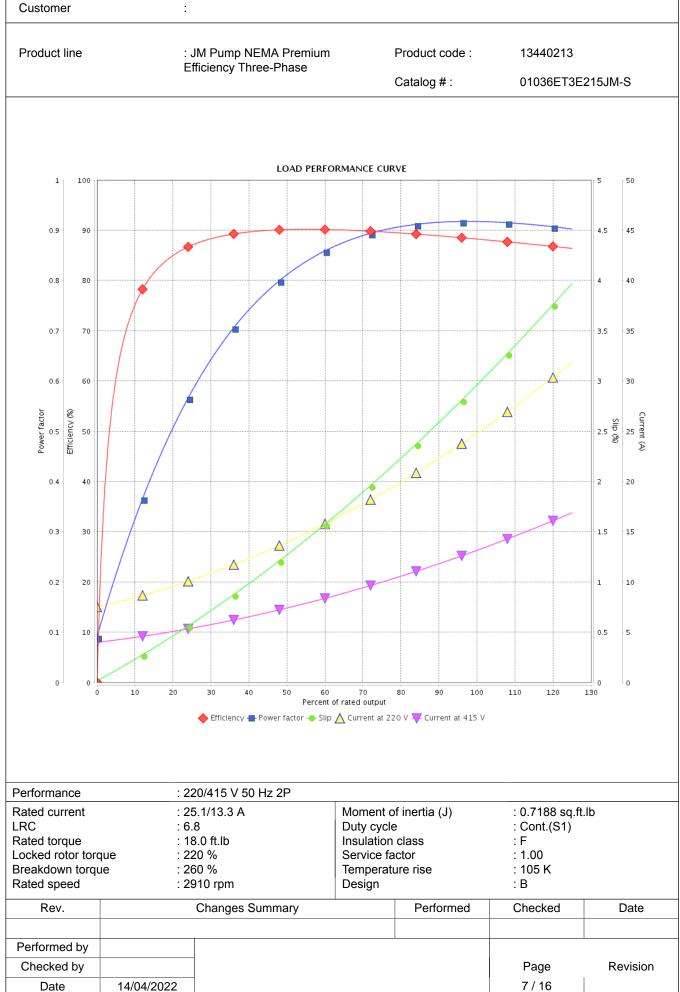
Customer



LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

THERMAL LIMIT CURVE

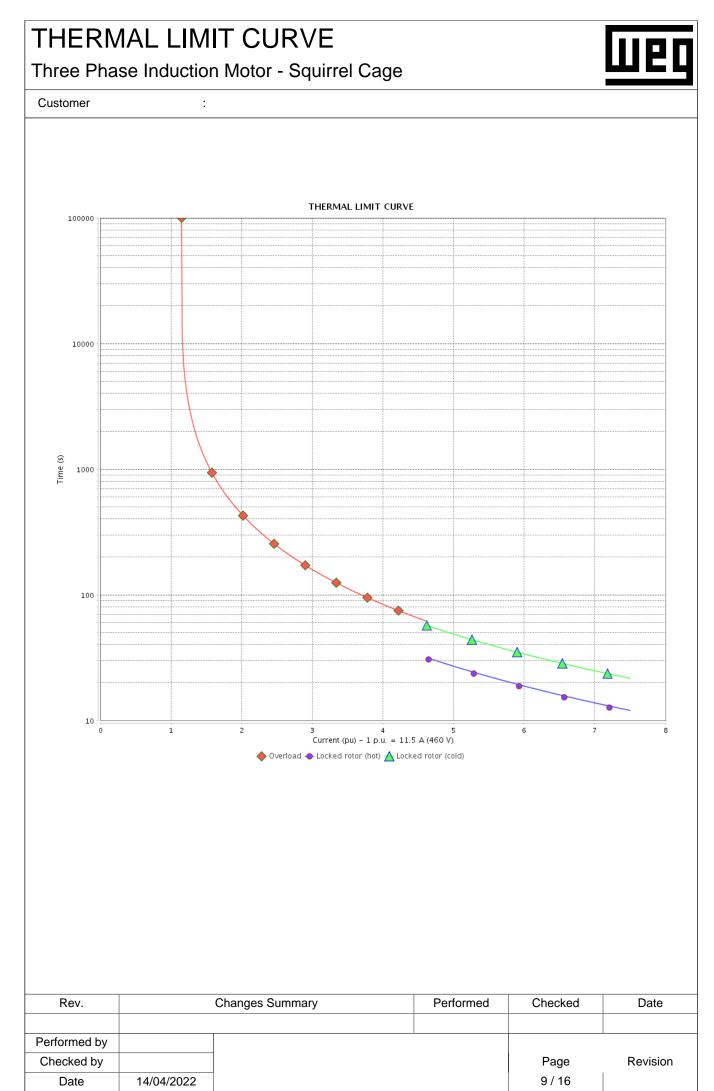
Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line	: c Ef	JM Pump NEMA Premium fficiency Three-Phase		Product code :	13440213		
				Catalog # :	01036ET3E	215JM-S	
Performance	: 23	30/460 V 60 Hz 2P					
LRC: 7.3Rated torque: 14Locked rotor torque: 26Breakdown torque: 30		3.0/11.5 A 5 4.9 ft.lb 60 % 00 % 530 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.7188 sq.ft : Cont.(S1) : F : 1.15 : 80 K : B	lb	
Heating constan	t						
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by							
Checked by					Page	Revision	
Date	14/04/2022				8 / 16		



THERMAL LIMIT CURVE

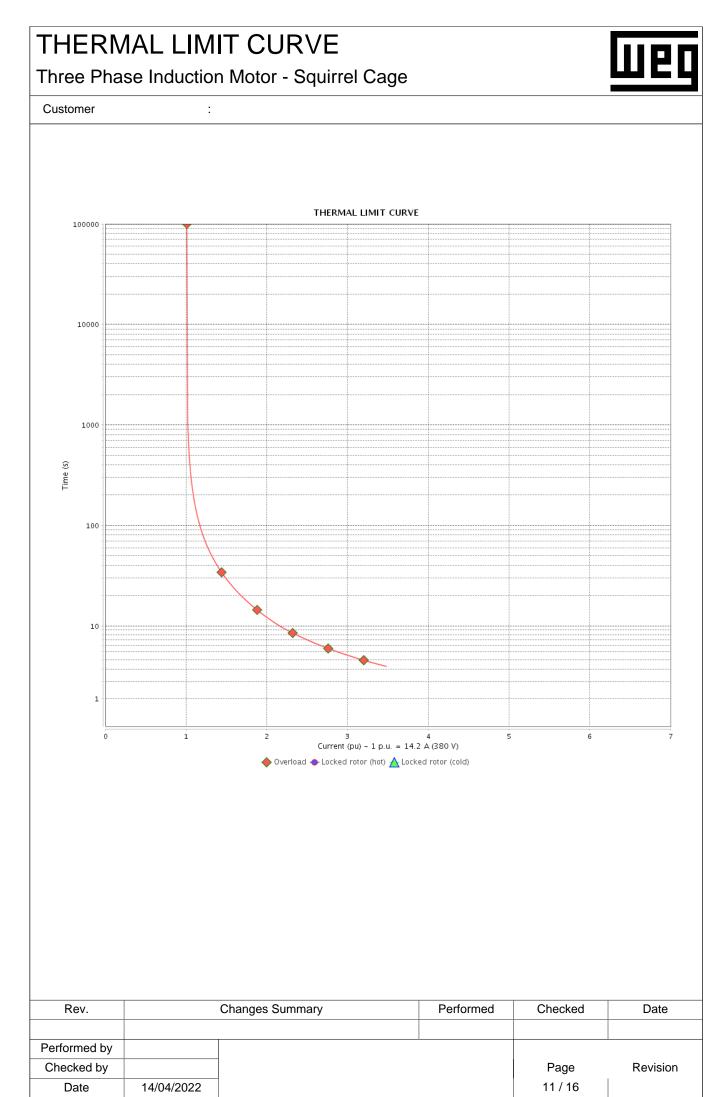
Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line	:.	JM Pump NEMA Premium		Product code :	13440213		
	Ef	fficiency Three-Phase		Catalog # :	01036ET3E	215JM-S	
Performance	: 19	90/380 V 50 Hz 2P					
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6. : 18 que : 19 Je : 22	3.4/14.2 A 1 3.1 ft.lb 90 % 29 % 900 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 0.7188 sq.ft : Cont.(S1) : F : 1.00 : 105 K : B	lb	
Heating constant							
Cooling constant	t			,			
Rev.		Changes Summary		Performed	Checked	Date	
Performed by Checked by					Page	Revision	
Date	14/04/2022				10 / 16		



THERMAL LIMIT CURVE

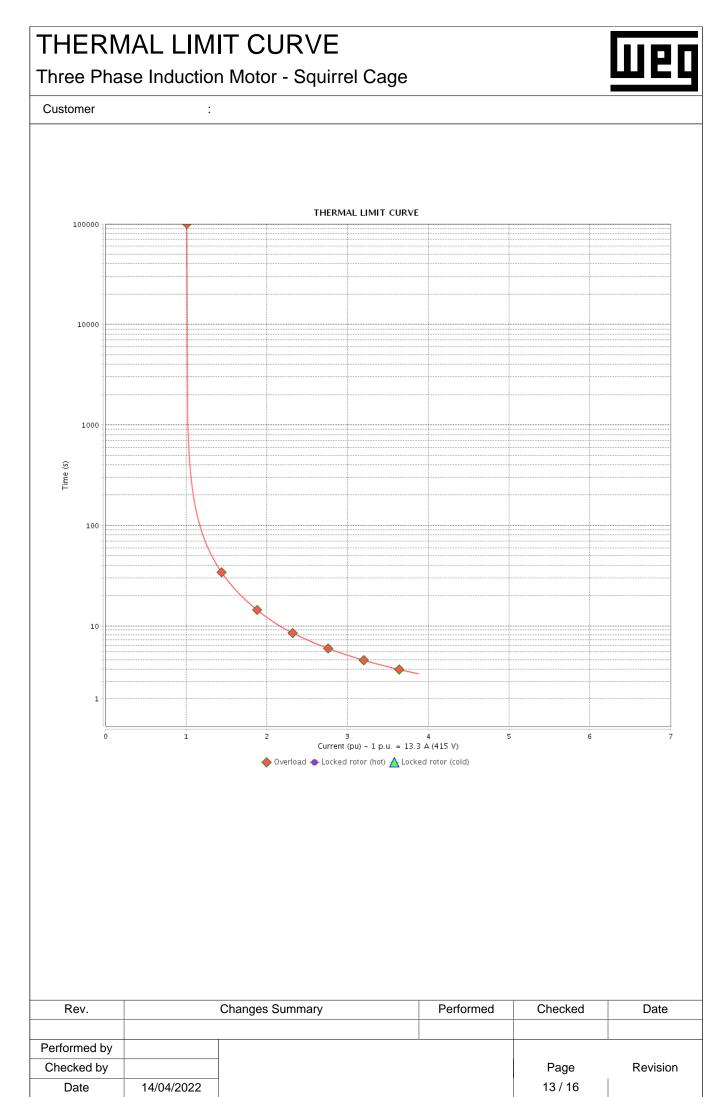
Three Phase Induction Motor - Squirrel Cage

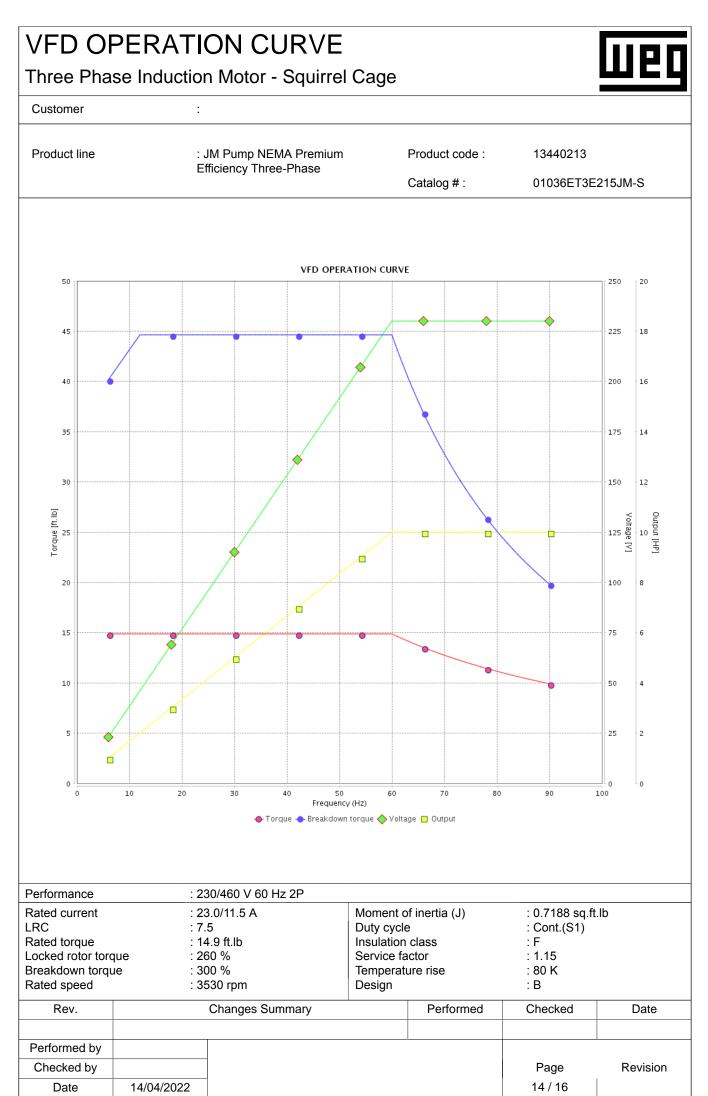
:



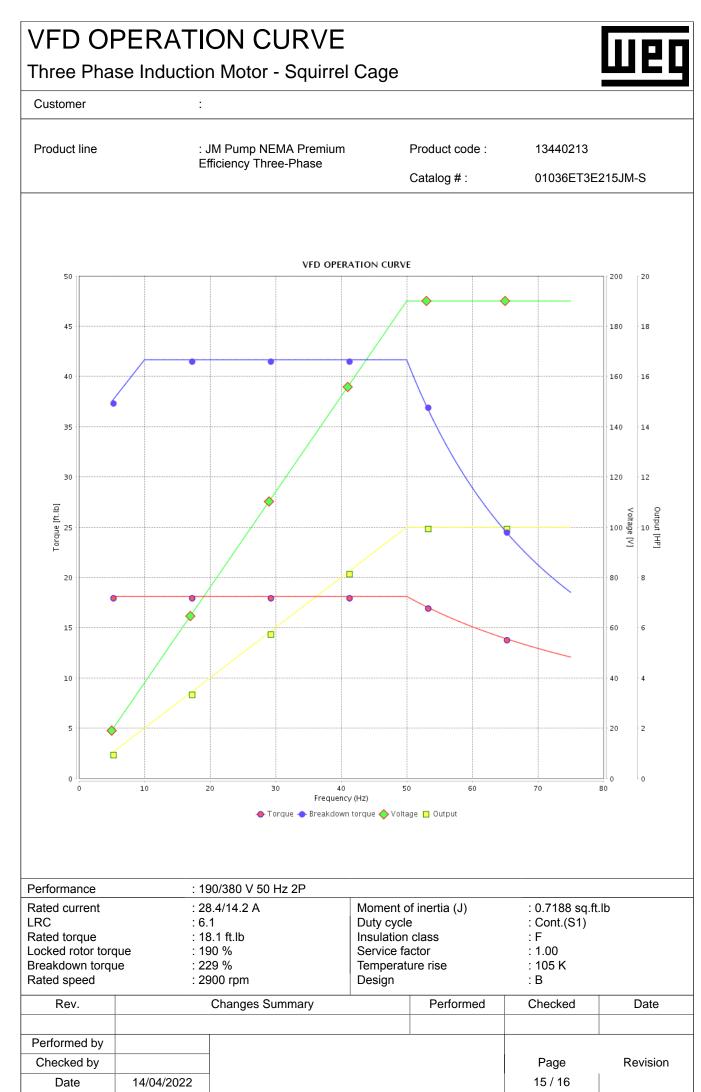
Customer

Product line	: JM Pump NEMA Premium			Product code :	13440213		
	E	fficiency Three-Phase		Catalog # :	01036ET3E215JM-S		
Performance		20/415 V 50 Hz 2P	Momonto	finantia (1)	: 0 7199 og ft	lb	
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6. : 18 que : 22 Je : 26	5.1/13.3 A 8 3.0 ft.lb 20 % 60 % 910 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 0.7188 sq.ft : Cont.(S1) : F : 1.00 : 105 K : B	lD	
Heating constan	t						
Cooling constant							
Rev.	-	Changes Summary		Performed	Checked	Date	
		C C					
Performed by						1	
Checked by		-			Page	Revision	
Date	14/04/2022	-			12 / 16		

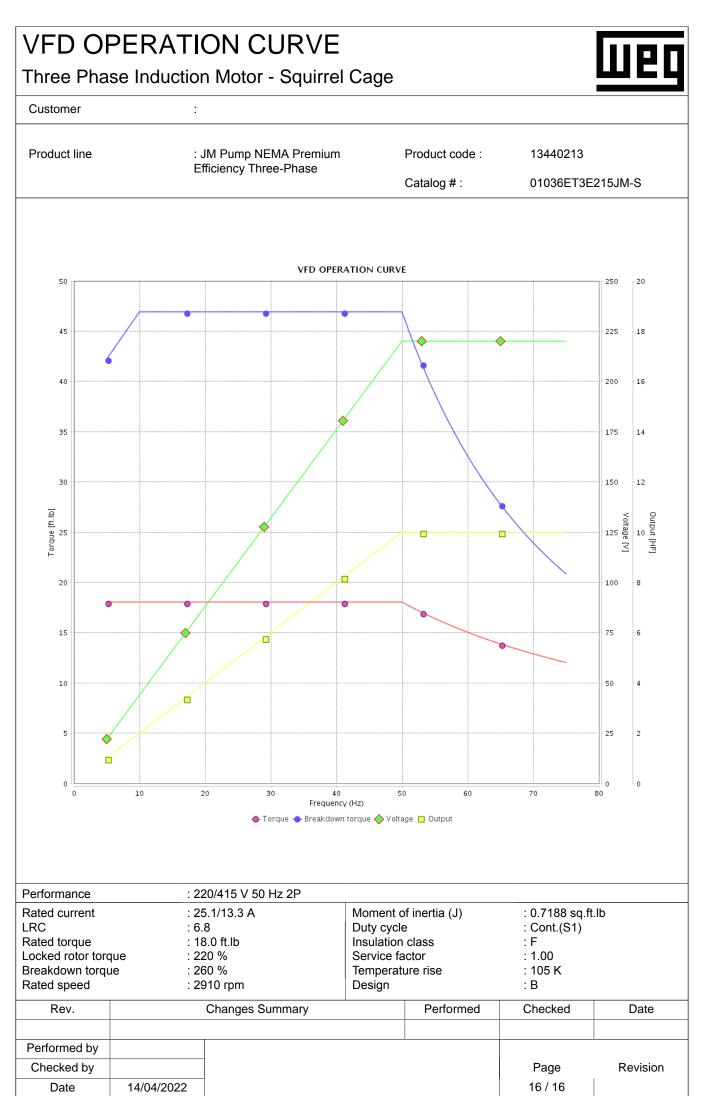




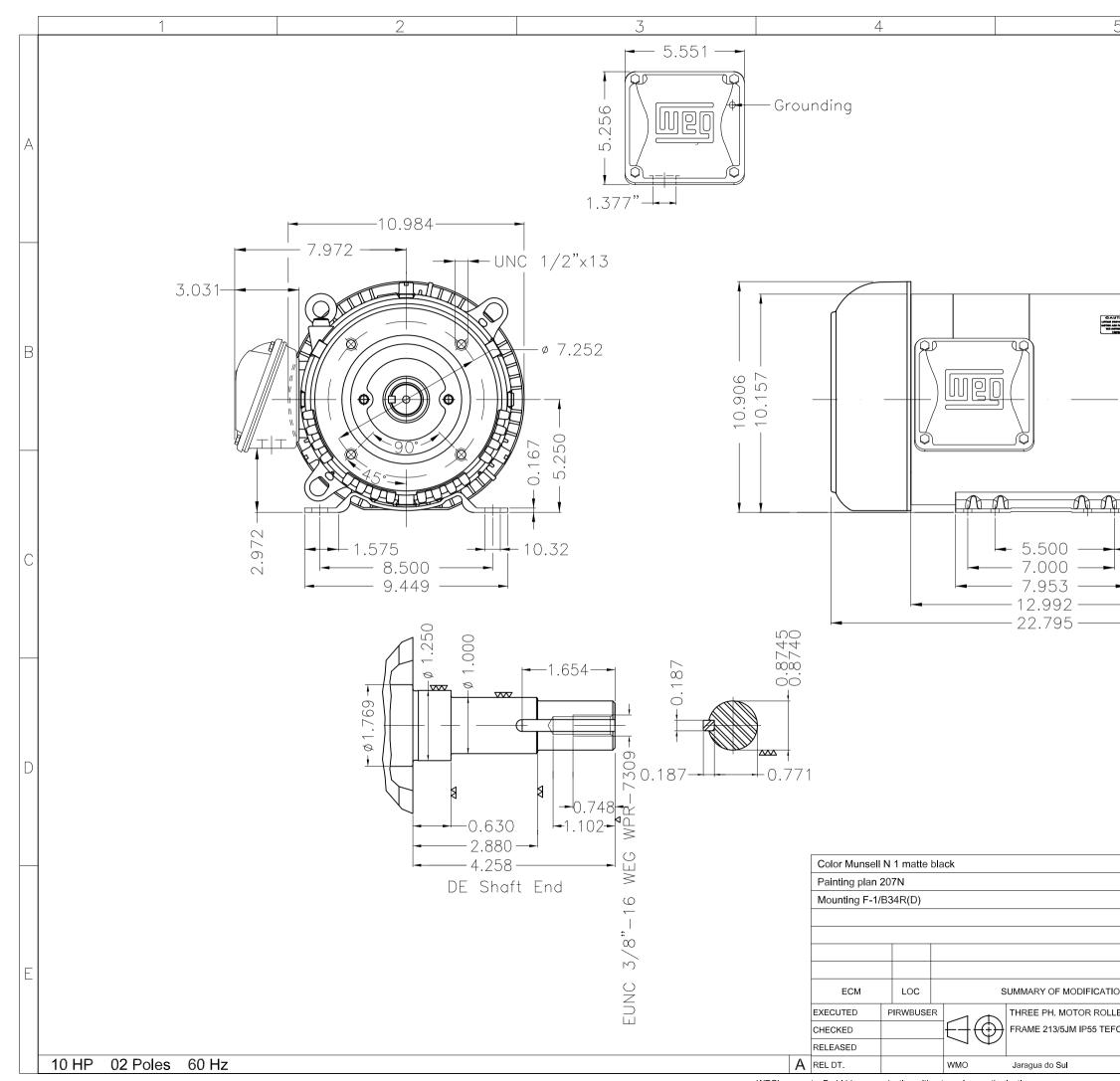
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



WEG's property. Forbidden reproduction without previous authorization.

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

COUS LISTED COUS FOR SAFE AREA Energy Verified	For 60Hz: Class I, Zone 2, IIC Class I, DIV2, G. A.B.C, D. T3 DIV 2 Inverter Duty (5F1.00) CT 2:1/VT 1000:1	10 7.5 230/460	23.0/11.5 26.4/13.2 1.15	3530 890.2%	190-220/380-415V SF1.00 M EFF 87.2% (IE1) IEC 60034-1	For safe area-inverter dury motor For BUHZ USE ON VPWM 1000:1 VI, 10:1 GT : 6209-ZZ ODE 6206-ZZ MOBIL POLYREX EM	[4] [5] [6] [6] 1.6 1.1-BLU 12-WHT [7] [7] [7] [8] [7] [7] [13-ORG 13-ORG 14-YEL	2	EVERSE THE ROTATION I accordance with local event serious electrical	r dolt etre mis a la terre ationaux afin d'éviter tout 1 avant l'entretien de la machine.
	MADE IN MEXICO MAT: 13440213 CC029A VO1.TEDICOXON MODEL 01036T3215JM-S 22APR2022 SIN:	Hz 60	1000 m.a.s.l F ΔT 80K IP5 40°C DES	ENCL TEFC CODE H RPM 3 USABLE @ 208V 25.4A NeM 3 SF1.00	ALTERNATE RATING: 10HP 50Hz 28.4-24.3/14.2-12.9A 2900RPM	For safe area-inverter dury motor For to	A Contraction of the second se		INTERCANCE ANY TWO LAWREST OF REVENSE THE POXITOR WARNING. More must be opunded in accordance with local and national oteratical costs to prevent sections without should be discribed a cost of proving unit.	conformément au AverChrisseutent: Le moveur olti eve ma a tarier conformément aux sodes électiques locaux et nadonaux afin d'éviter tout choc électrique grave. Déconnectes l'alimentation avant l'entreflen de la machine.