#### DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line	: W22 Phase	NEMA Pre	mium Efficien	cy Three	e- P	roduct co	ode :	166168	34
	Filase				C	atalog #	:	00312E	T3E213T-W22G
Frame Insulation class Duty cycle Ambient tempera Altitude Protection degre Design		: 213/5T : F : Cont.(S : -20°C t : 1000 m : IP55 : B	61) o +40°C		Cooling r Mounting Rotation <sup>1</sup> Starting r Approx. v Moment o	nethod veight <sup>3</sup>	(J)	: F-1 : Both (	
Output [HP]			3		3		3		3
Poles			6		6		6		6
Frequency [Hz]			60		50		50		50
Rated voltage [V]			0/460		380		400		415
Rated current [A]			3/4.41		5.09		4.92		4.87
. R. Amperes [A]			8/30.9		29.5		31.5		33.1
RC [A]			Code K)	5.8	Bx(Code H)		6.4x(Code	e J)	6.8x(Code J)
No load current [A			0/2.75		2.72		2.91		3.05
Rated speed [RPN	/I]		175 2.08		965 3.50		970 3.00		970 3.00
Slip [%] Rated torque [ft.lb]	1		2.08 13.4		3.50 16.3		16.2		16.2
_ocked rotor torqu			200		170		200		220
Breakdown torque			280		210		200		270
Service factor	r]		1.25	L	1.00		1.00		1.00
Temperature rise			30 K	L	80 K		80 K		80 K
_ocked rotor time			ld) 58s (hot)	72s (c	cold) 40s (h	ot) 72	2s (cold) 40s	s (hot)	72s (cold) 40s (ho
Noise level <sup>2</sup>		55.0	) dB(A)	5	3.0 dB(A)		53.0 dB(A	۹)	53.0 dB(A)
	25%		35.4		88.0		86.1		86.1
Efficiency (%)	50%		36.5		87.5		86.5		86.5
	75%		88.5		88.5		88.5		88.5
	100%		39.5		87.5		88.5		88.5
_	25% 50%		0.28		0.33		0.30		0.28
Power Factor	50% 75%	0.50 0.63			0.57 0.70		0.53 0.66		0.50 0.64
	100%		0.70		0.75		0.00		0.04
Loopoo et normet									
Losses at normat	P1 (0,		11.0	n percer	11.			1.0	11.0
	P1 (0, P2 (0,		8.5		8.			.5	8.5
	P3 (0,2		7.7		7.			.7	7.7
Losses (%)		9;0,5)	6.7		6.			.7	6.7
		5;0,5)	4.4		4.4	4	4	.4	4.4
	P6 (0,		3.4		3.4	4	3	.4	3.4
	P7 (0,2		2.5		2.	5	2	.5	2.5
Bearing type Sealing Lubrication interv Lubricant amoun Lubricant type		<u>Drive (</u> : 6308 : V'R : - : -	3 ZZ 620	i <u>ve end</u> D7 ZZ Ring - - EM	Foundatio Max. tract Max. com	ion		: 167 lb : 327 lb	
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 Rev.	ed. lotor from the	shaft end. olerance o					ect to the to		ts with sinusoidal stipulated in NEM/
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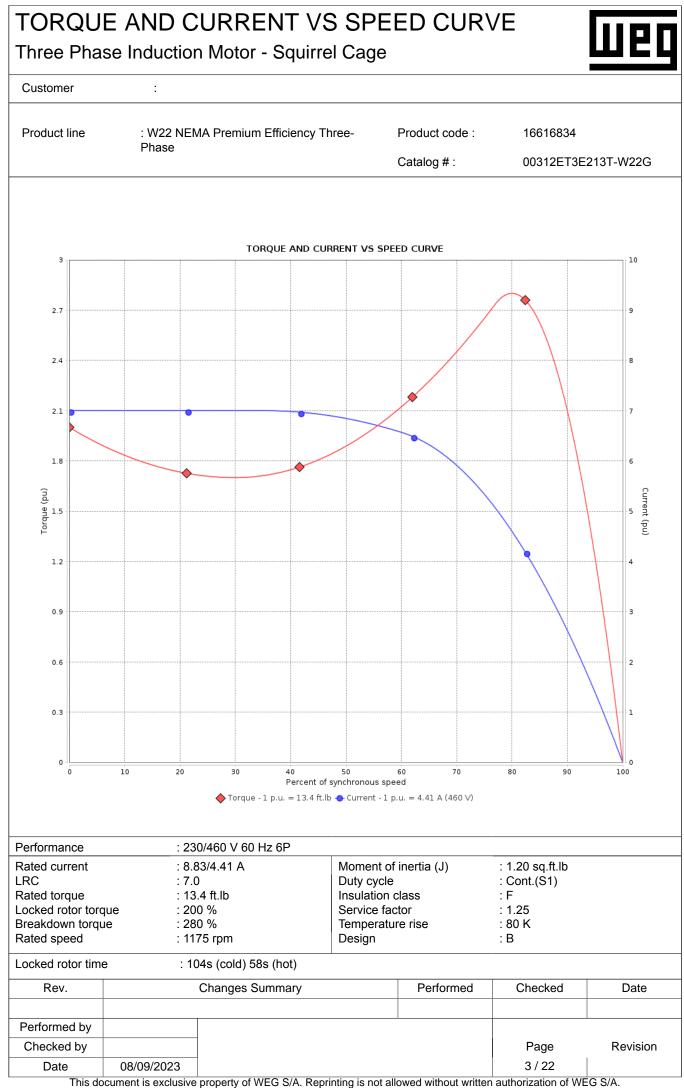
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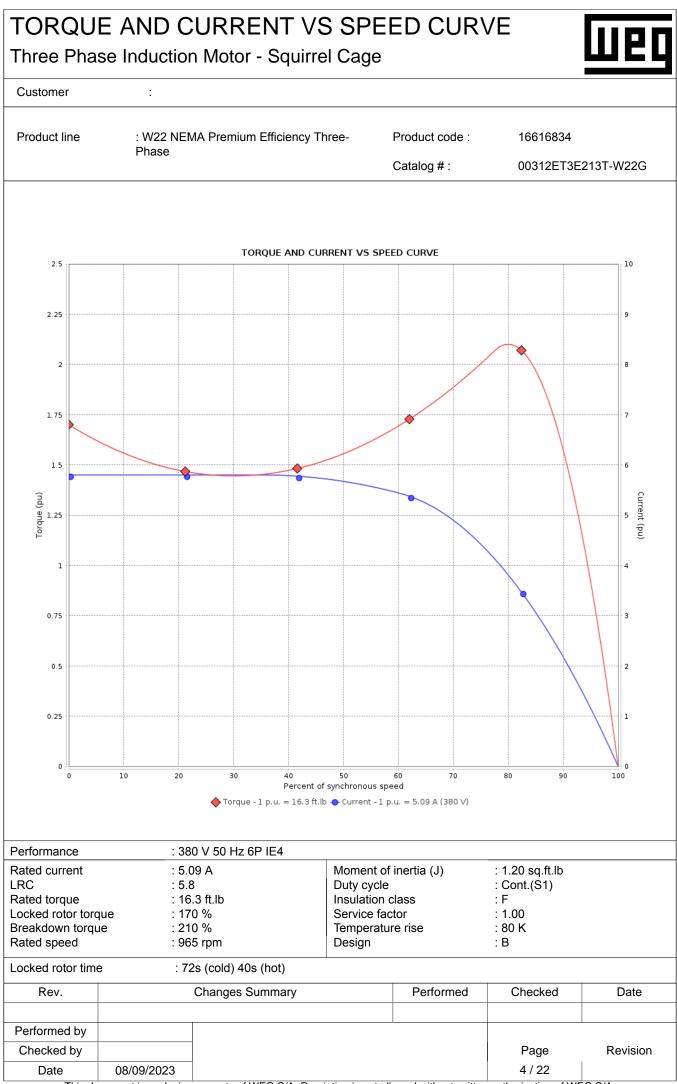
USABLE @208V 9.76A SF 1.15 SFA 11.2A

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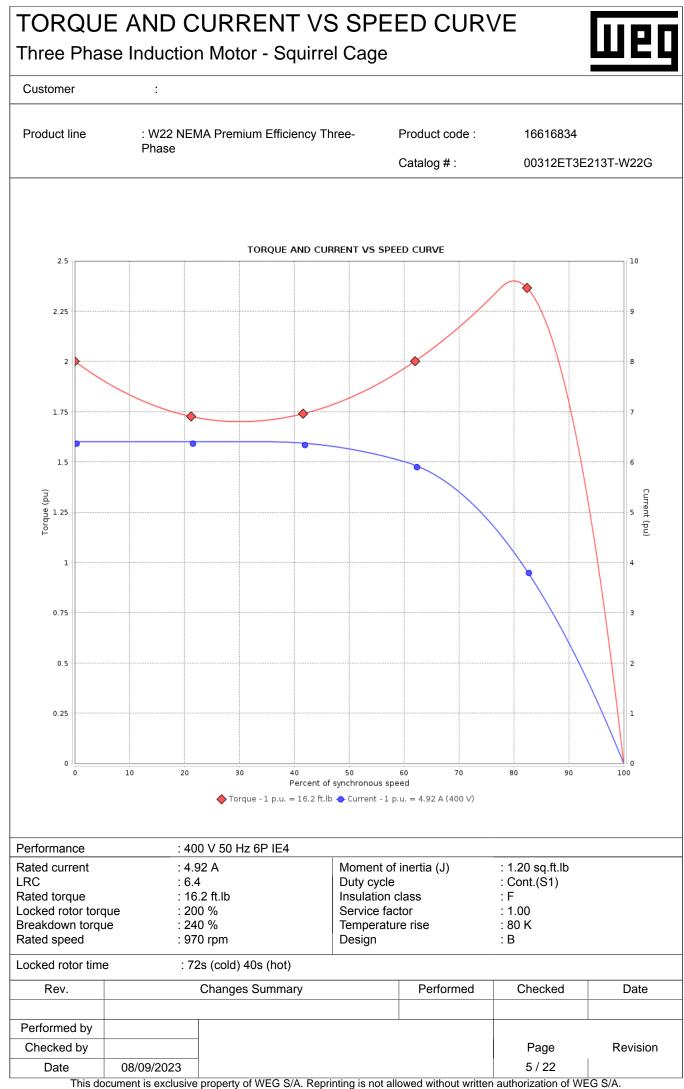
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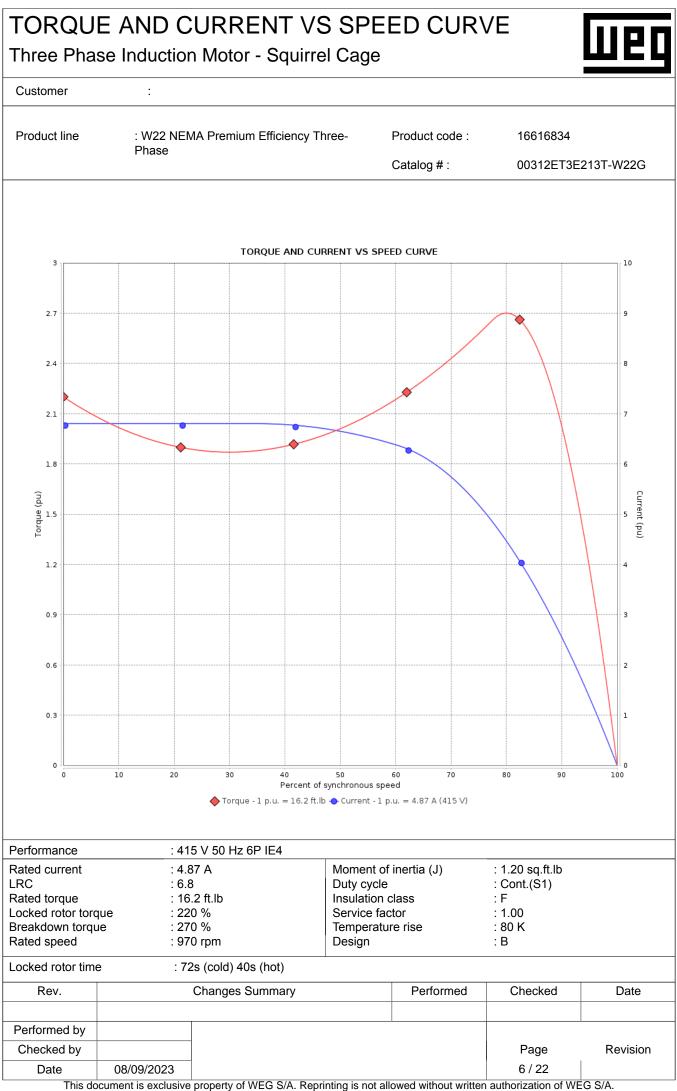


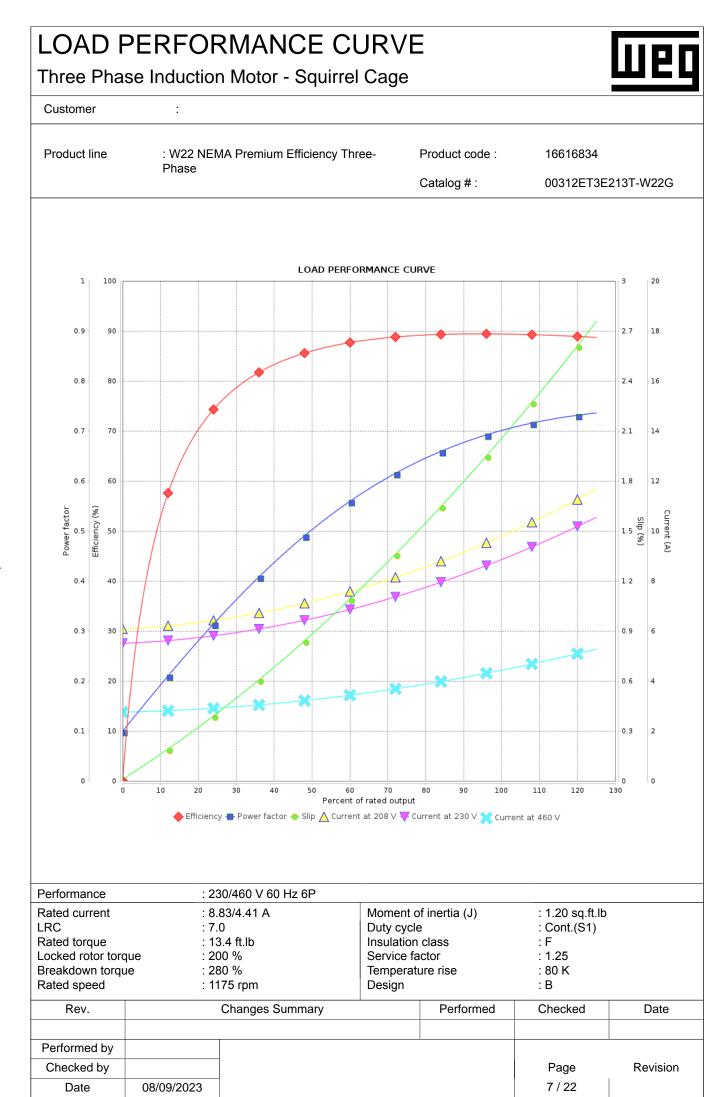




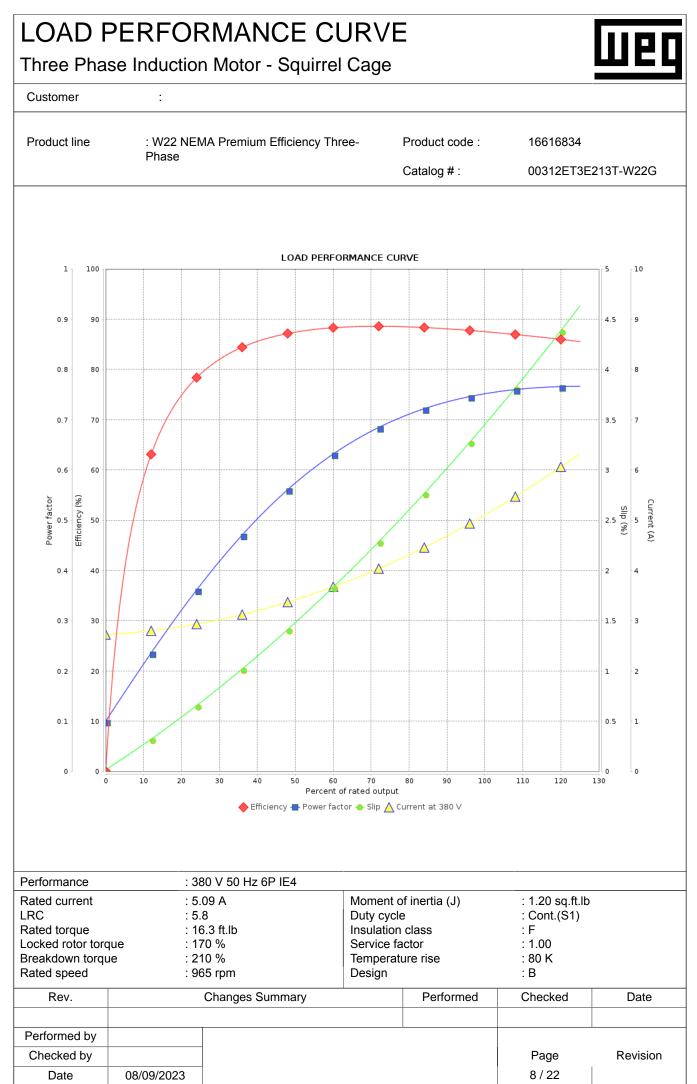
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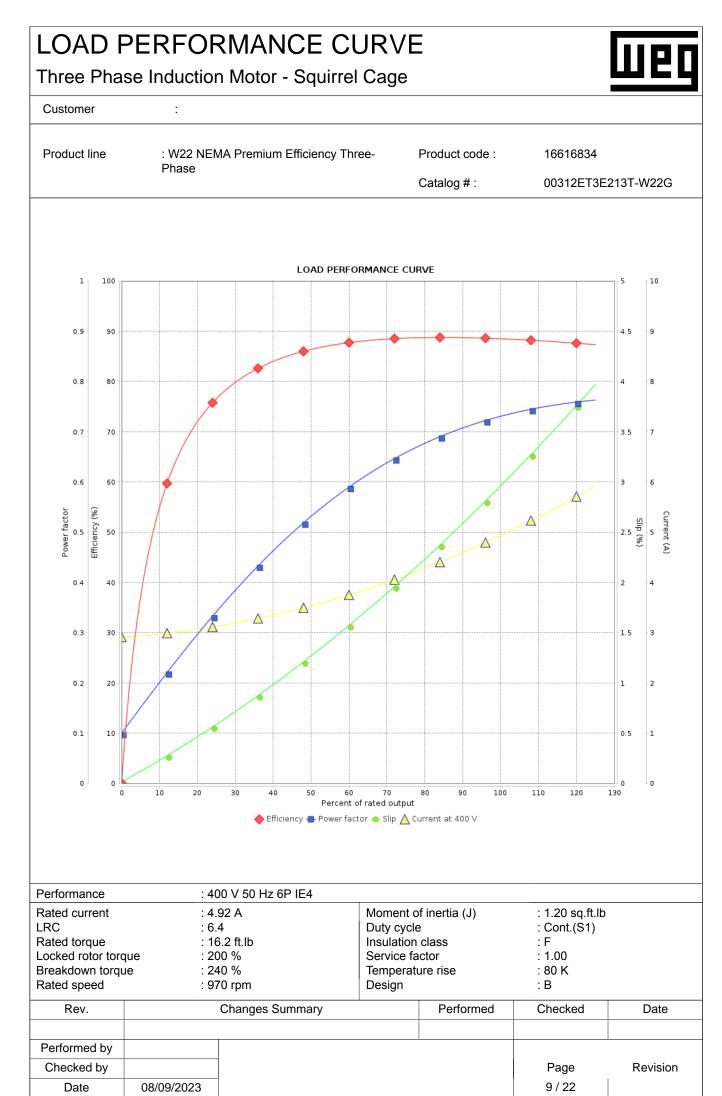




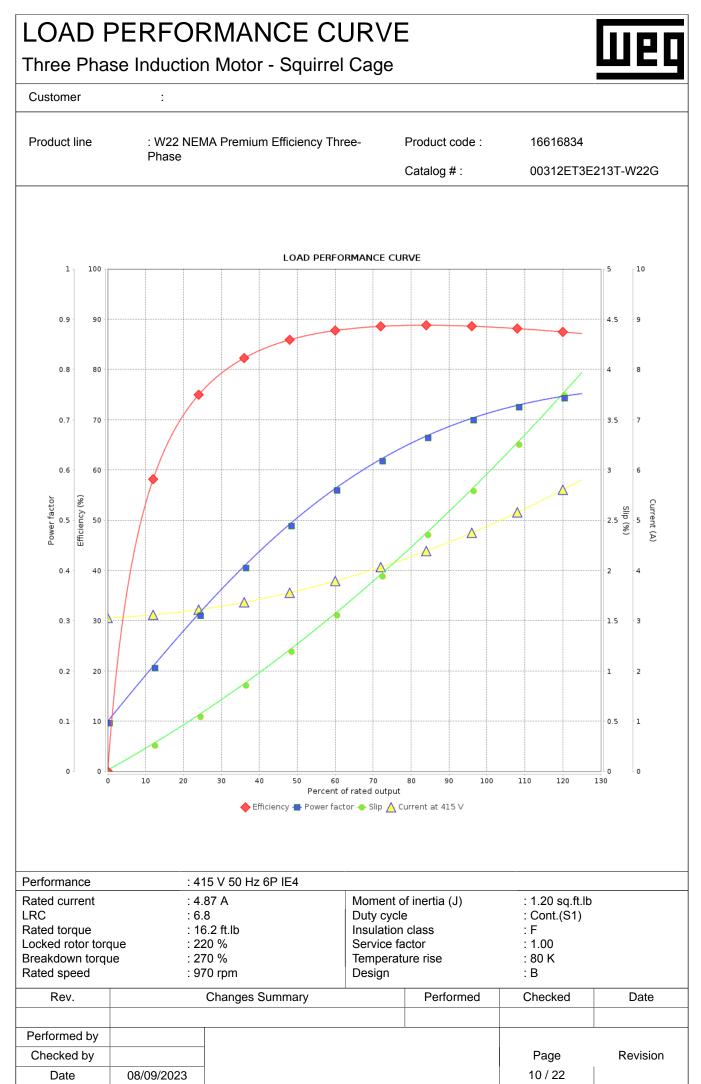


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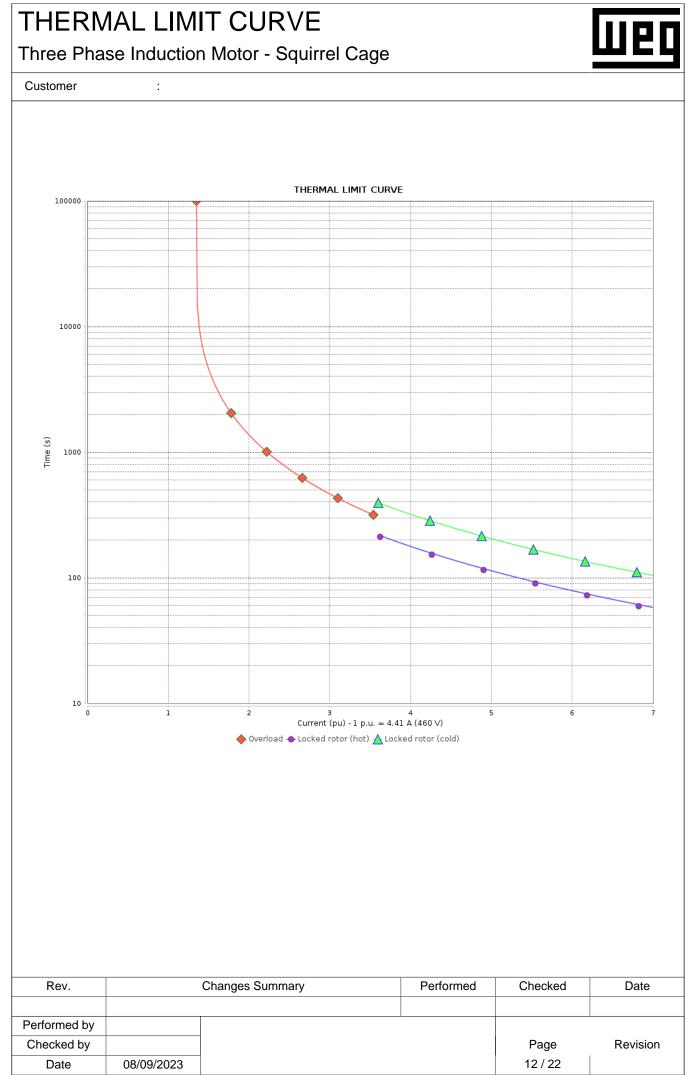


Three Phase Induction Motor - Squirrel Cage

Customer	:		
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Product line	: W22 NEMA Premium Efficiency Three- Phase	Product code :	16616834
		Catalog # :	00312ET3E213T-W22G

Шед

Performance	: 2	230/460 V 60 Hz 6P				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	: 7 : 1 jue : 2	.83/4.41 A .0 3.4 ft.lb .00 % 80 % 175 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 1.20 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant	t					
Cooling constant	:					
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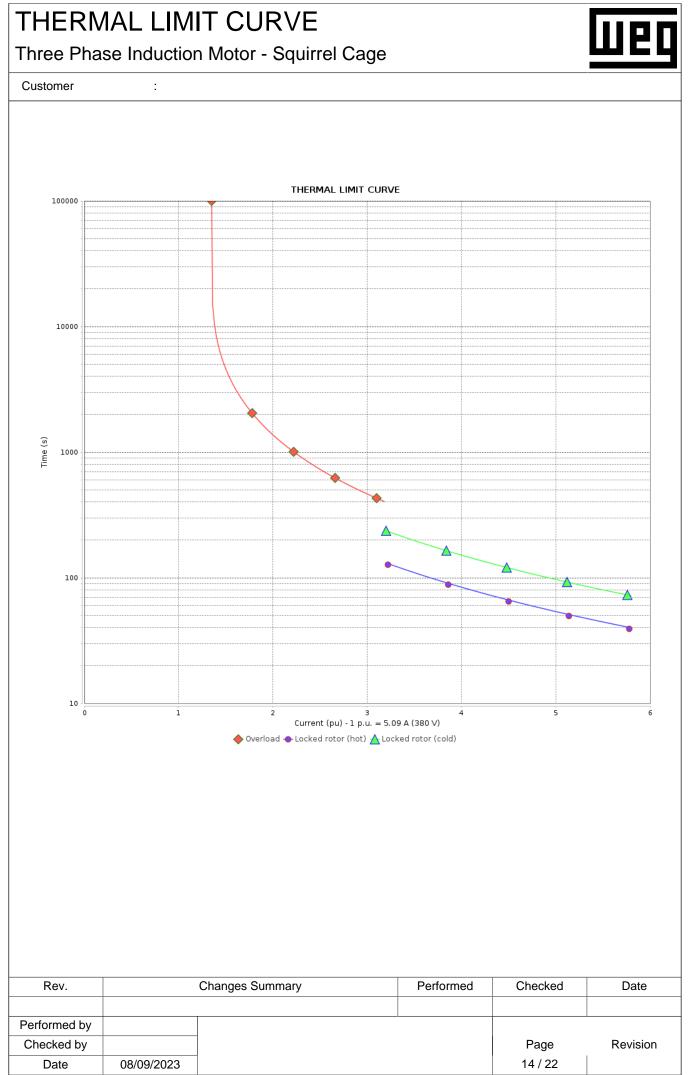
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Three Phase Induction Motor - Squirrel Cage

Customer	:		
Product line	: W22 NEMA Premium Efficiency Three-	Product code :	16616834
	Phase		
		Catalog # :	00312ET3E213T-W22G

Шед

Performance	: 3	380 V 50 Hz 6P IE4				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	: 5 : 1 jue : 1 ie : 2	5.09 A 5.8 16.3 ft.lb 170 % 210 % 965 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 1.20 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constant	t					
Cooling constant	:					
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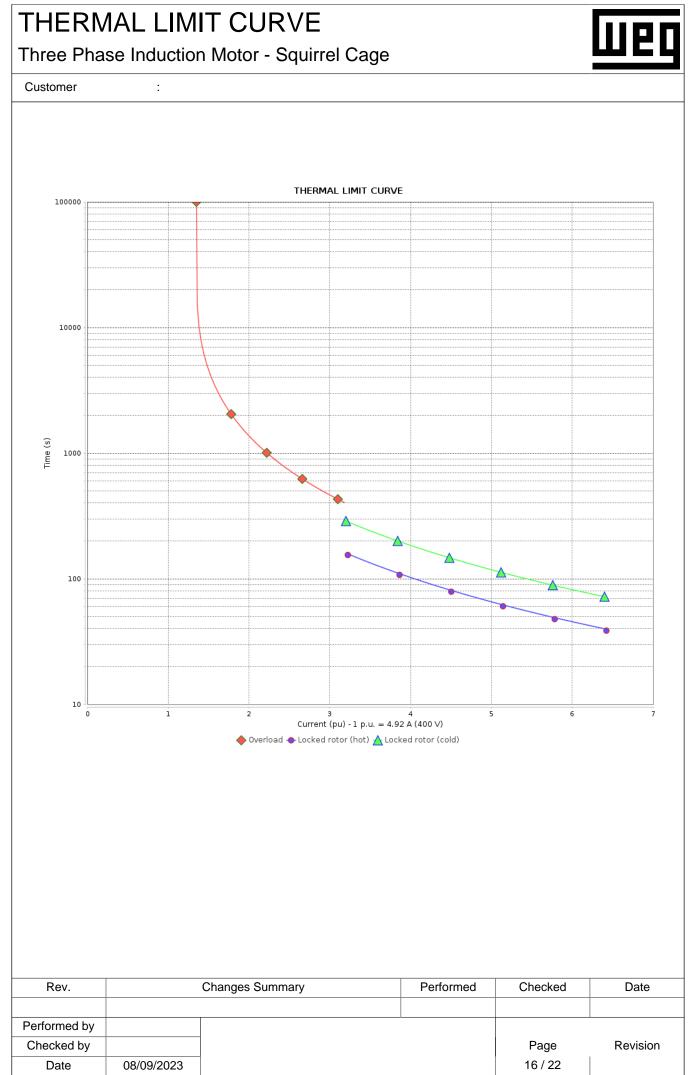


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Customer	:		
Product line	: W22 NEMA Premium Efficiency Three-	Product code :	16616834
	Phase		
		Catalog # :	00312ET3E213T-W22G

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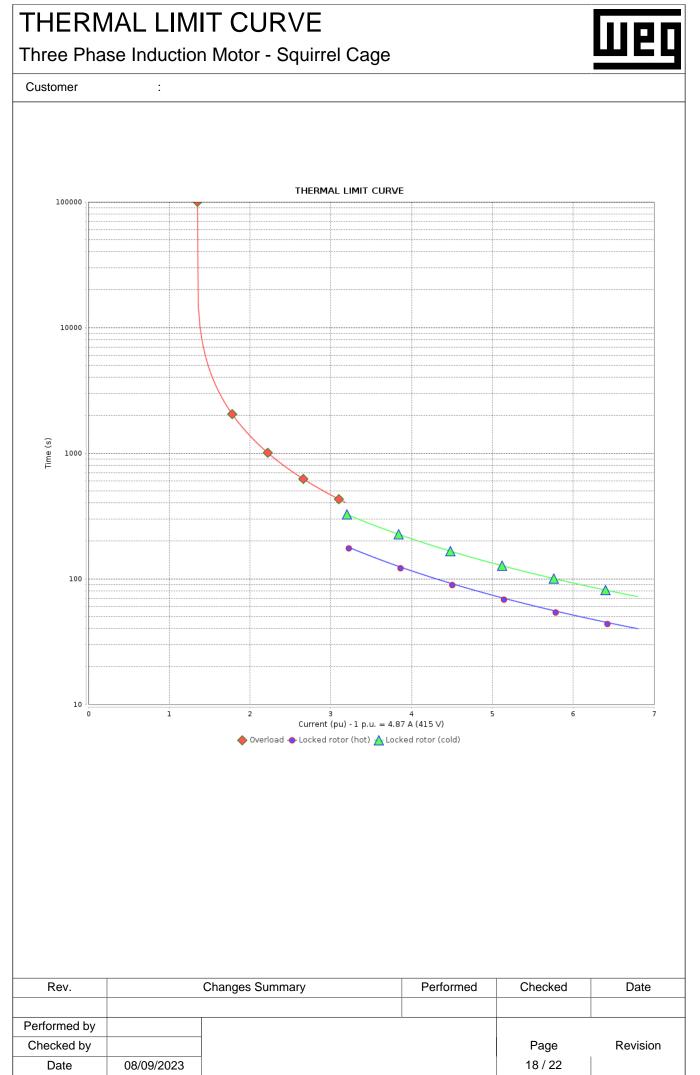
Performance	: 40	00 V 50 Hz 6P IE4				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6. : 16 :ue : 20	92 A 4 5.2 ft.lb 00 % 40 % 70 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 1.20 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constant	t					
Cooling constant						
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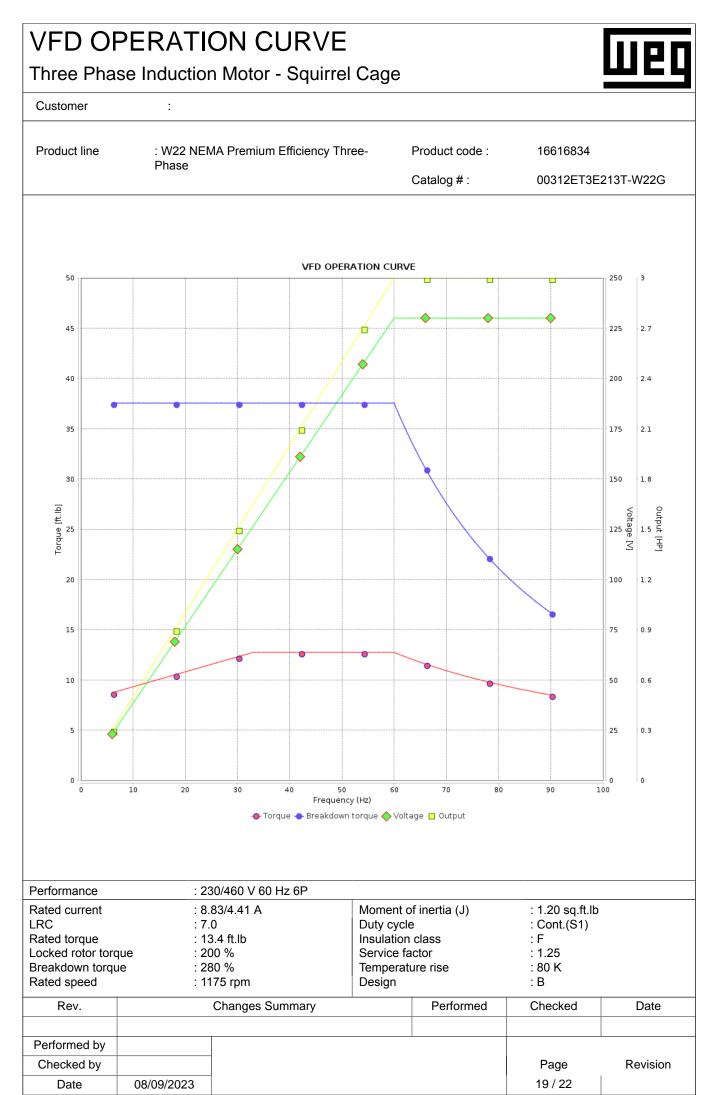


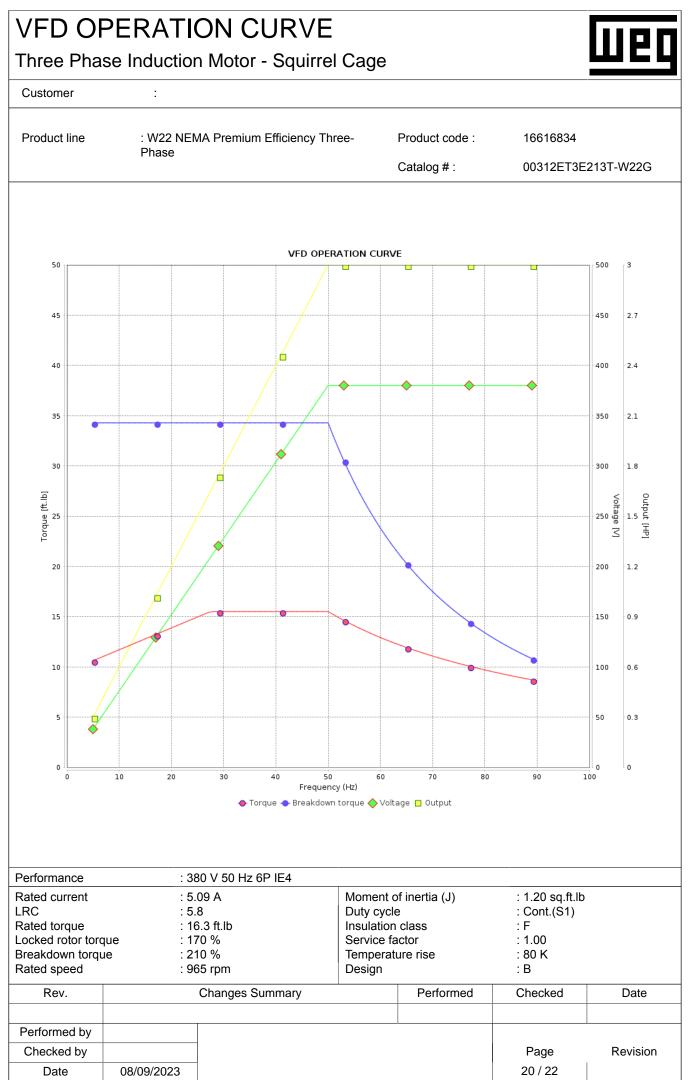
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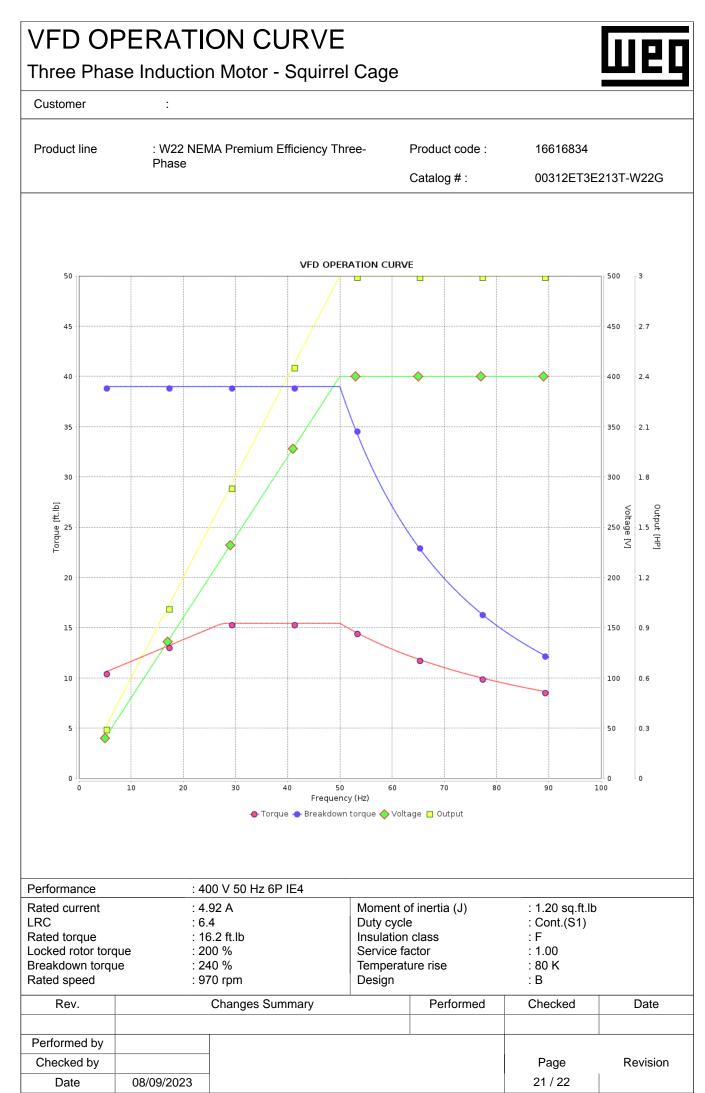
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Customer	:			
Product line	: W22 NEMA Premium Efficiency Three- Phase	Product code :	16616834	
	Thase	Catalog # :	00312ET3E213T-W22G	

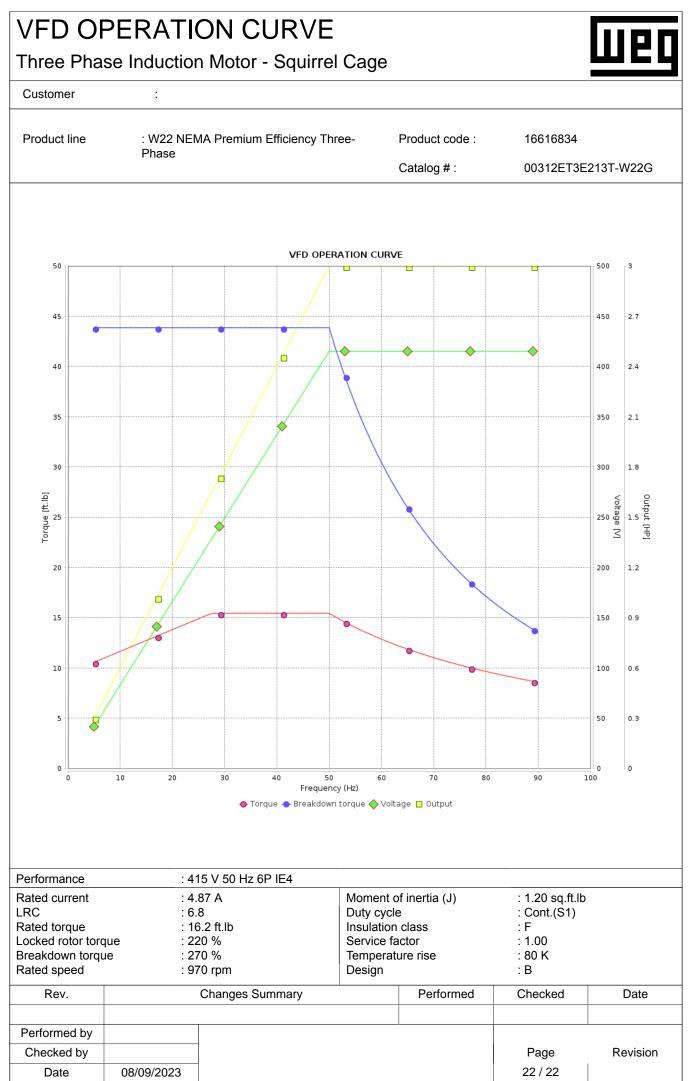
Performance	: 4	15 V 50 Hz 6P IE4				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	; 6 ; 1 ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	.87 A .8 6.2 ft.lb 20 % 70 % 70 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 1.20 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constant	t					
Cooling constant	t					
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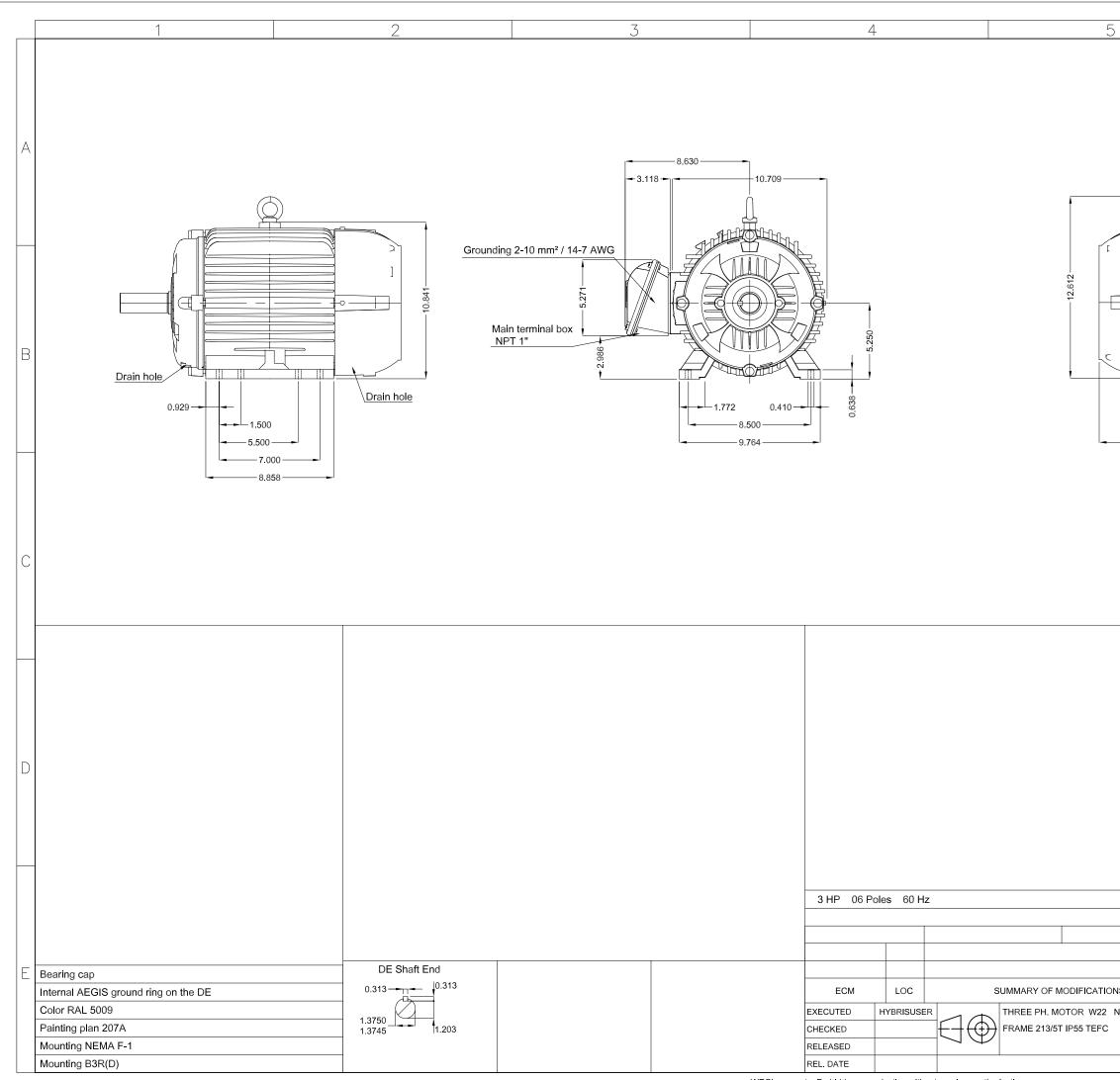








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