DATA SHEET

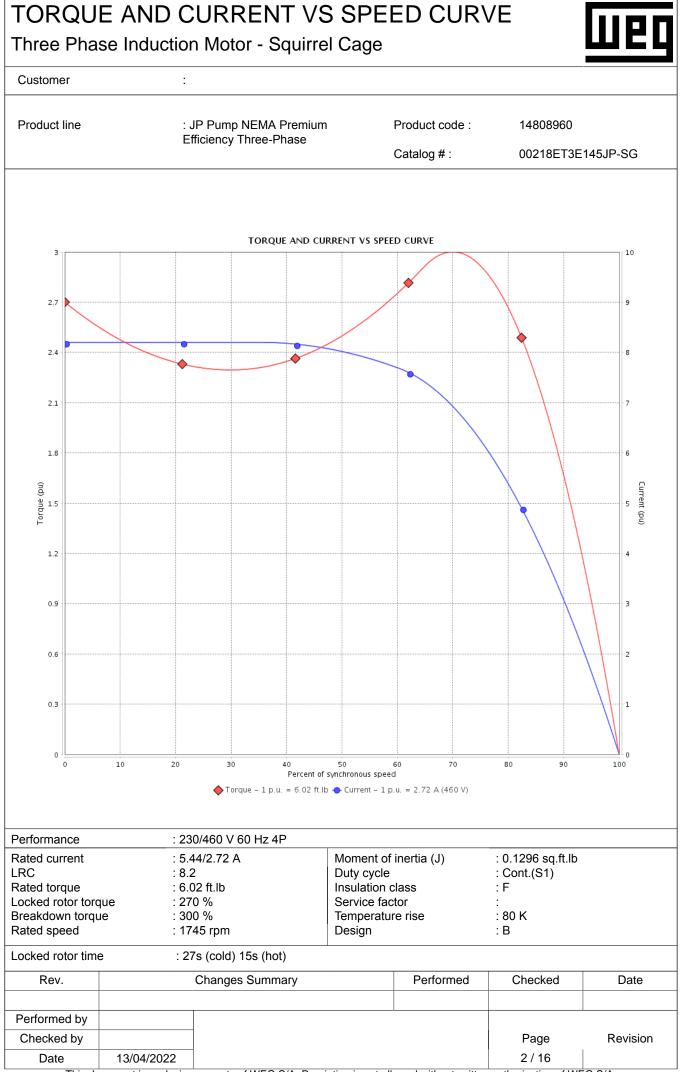
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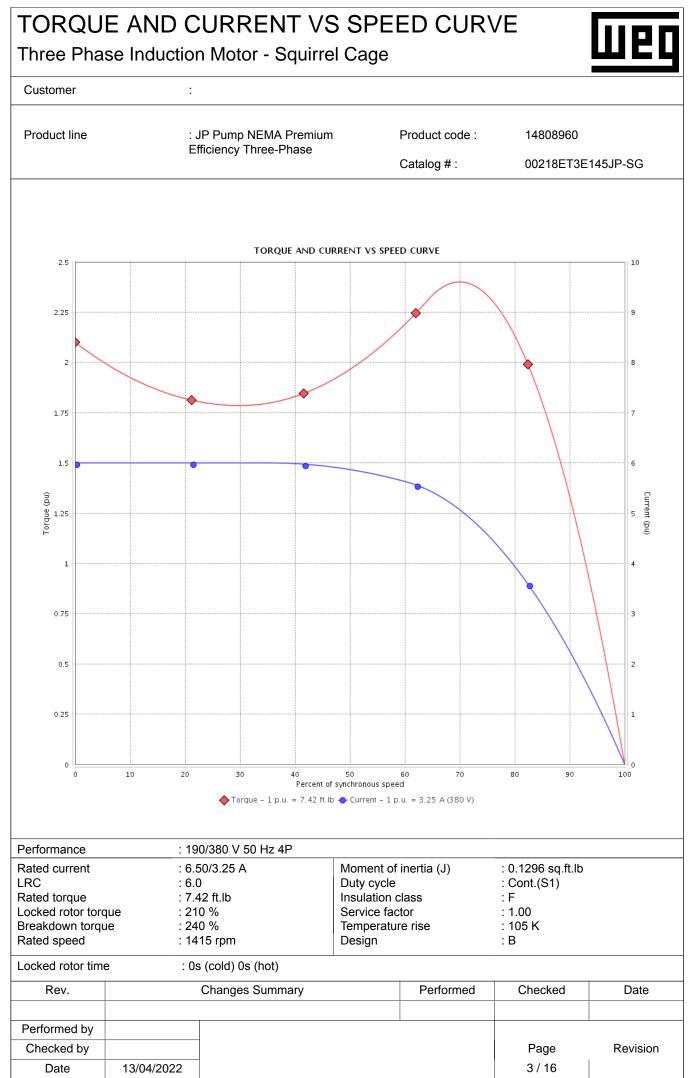
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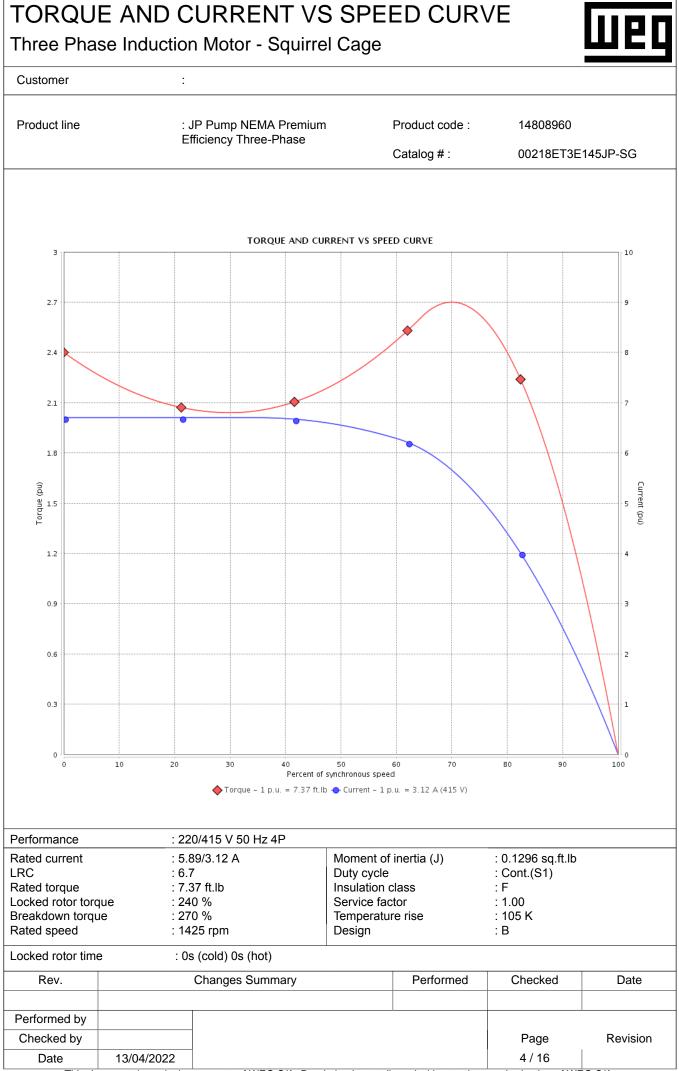
Customer

Product line		: JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14808960		
		Enciency Three-Filase		Catalog # :	00218ET3E1	45JP-SG	
Frame Insulation class		: 143/5JP : F	Cool Mour	ng method hting	: IC411 - TEF : F-1	€C	
Duty cycle		: Cont.(S1)	Rota		: Both (CW a		
Ambient tempera	ature	: -20°C to +40°C		ing method	: Direct On L	ine	
Altitude		: 1000 m.a.s.l.		ox. weight ³	: 2.2 lb		
Protection degre Design	e	: IP55 : B	Mom	ent of inertia (J)	: 0.1296 sq.f	t.lb	
Dutput [HP]		2		2		2	
Poles		4		4		4	
requency [Hz]		60		50		50	
Rated voltage [V]		230/460		190/380	220	0/415	
Rated current [A]		5.44/2.72		6.50/3.25		9/3.12	
. R. Amperes [A]		44.6/22.3		39.0/19.5	39.4	4/20.9	
RC [A]		8.2x(Code K)		6.0x(Code H)	6.7x(Code J)	
lo load current [A]	2.80/1.40		2.75/1.37		7/1.52	
ated speed [RPN		1745		1415		1425	
Slip [%]	-	3.06		5.67		5.00	
Rated torque [ft.lb]	1	6.02		7.42		7.37	
ocked rotor torqu		270		210		240	
Breakdown torque		300		240		270	
Service factor	r,.1			1.00		.00	
emperature rise		80 K		105 K		.00)5 K	
ocked rotor time		27s (cold) 15s (hot)		Os (cold) Os (hot)		d) 0s (hot)	
loise level ²		52.0 dB(A)	·	49.0 dB(A)		dB(A)	
	25%	86.0		87.1		6.0	
Efficiency (%)	50%	85.5		85.4		4.9	
	75%	87.5		84.9		4.9 5.2	
	100%						
		86.5		82.6		3.6	
Power Factor	25%	0.35		0.42		.38	
	50%	0.60		0.68	0.64		
	75%	0.73		0.80			
	100%	0.80		0.85	0	.83	
Bearing type		: <u>Drive end</u> <u>Non driv</u> : 6206 ZZ 6203		lation loads traction	: 172 lb		
Sealing		: V'Ring With Bearing	out Max.	compression	: 174 lb		
Lubrication interv	/al	· _	y Jean				
Lubricant amoun		·					
Lubricant type		: Mobil Polyrex EN	4				
Notes							
USABLE @208V	6.02A SF 1.	00 SFA 6.02A					
			ah Thoo	e are average values t	hased on tests wit		
		ncel the previous one, which					
must be eliminate (1) Looking the m (2) Measured at 1	ed. lotor from the Im and with t weight subjec ocess.			supply, subject to the			
must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	ed. lotor from the Im and with t weight subjec ocess.	shaft end. olerance of +3dB(A).	powe	supply, subject to the			
must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	ed. lotor from the Im and with t weight subjec ocess.	e shaft end. olerance of +3dB(A). t to changes after	powe	r supply, subject to the	e tolerances stipul	ated in NEMA	
nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful Rev. Performed by	ed. lotor from the Im and with t weight subjec ocess.	e shaft end. olerance of +3dB(A). t to changes after	powe	r supply, subject to the	e tolerances stipul	ated in NEMA	
nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful Rev.	ed. lotor from the Im and with t weight subjec ocess.	e shaft end. olerance of +3dB(A). t to changes after	powe	r supply, subject to the	e tolerances stipul	ated in NEMA	





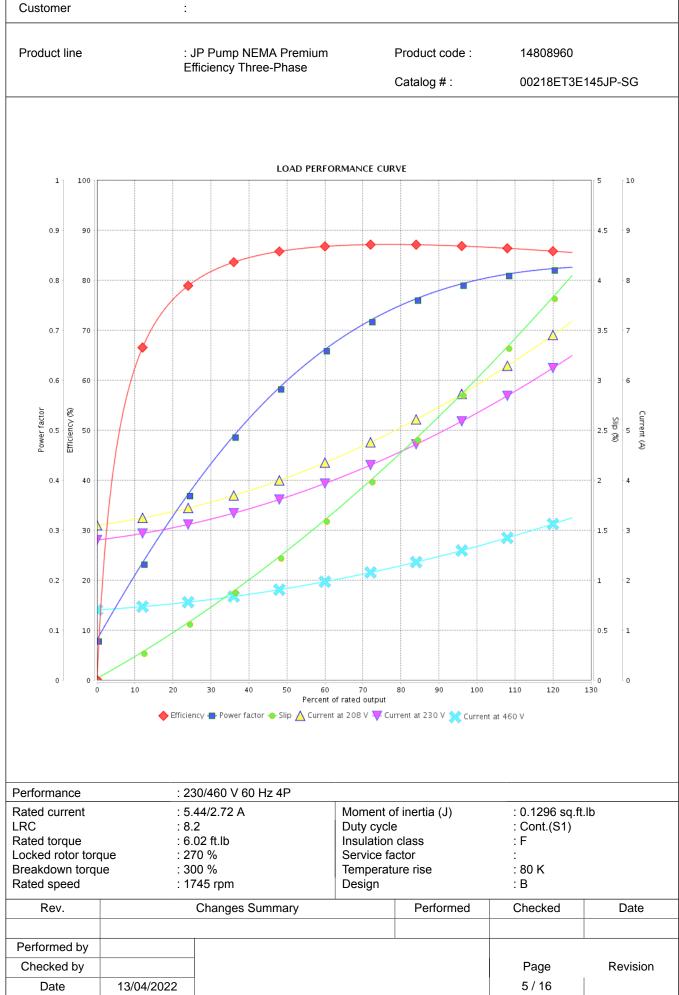
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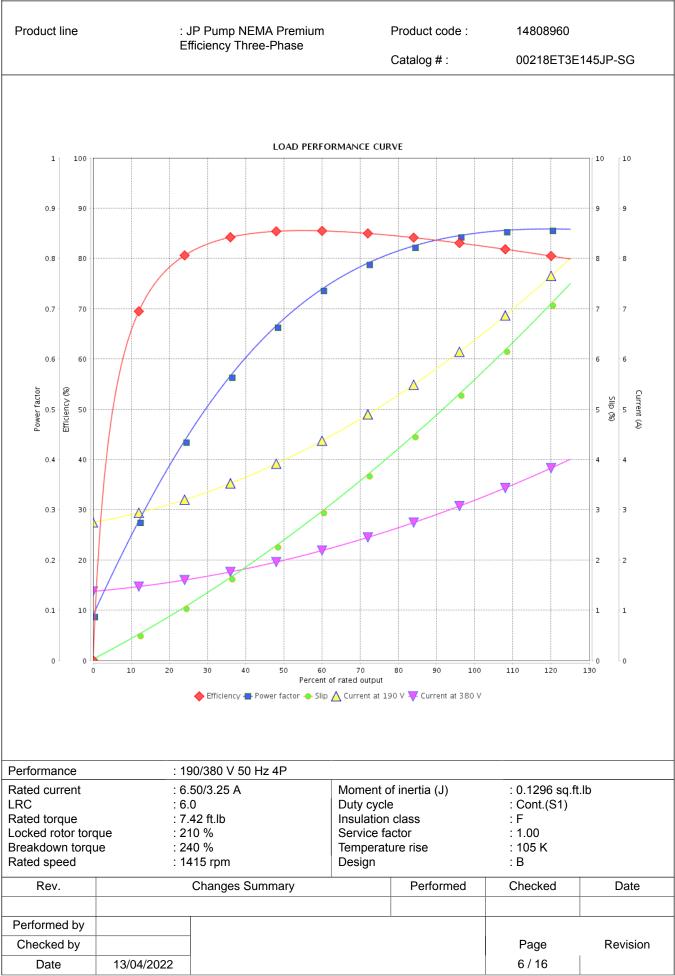
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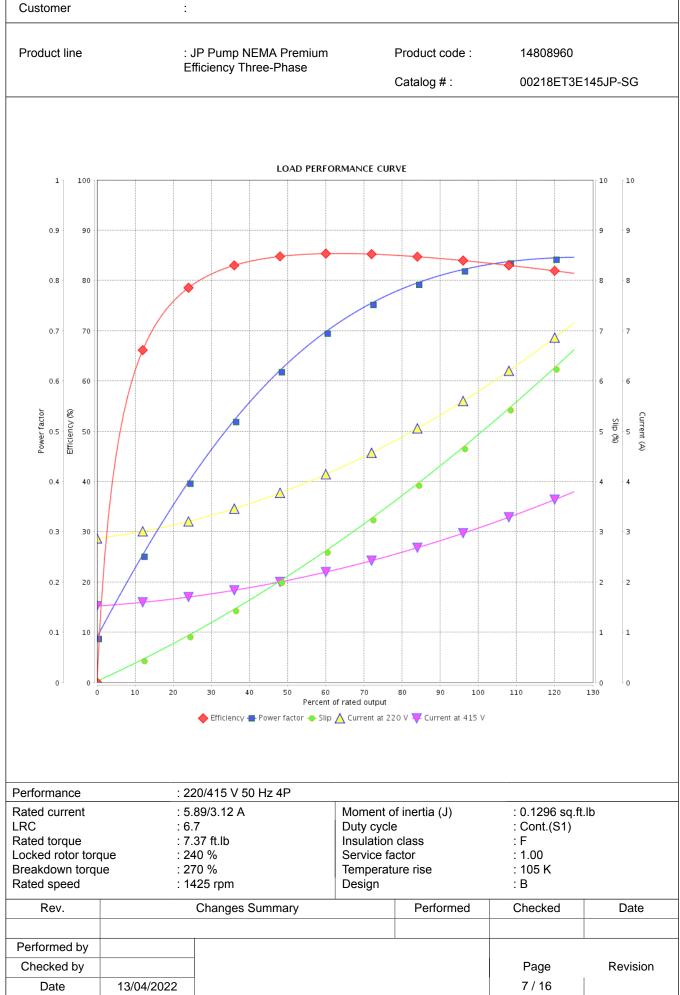
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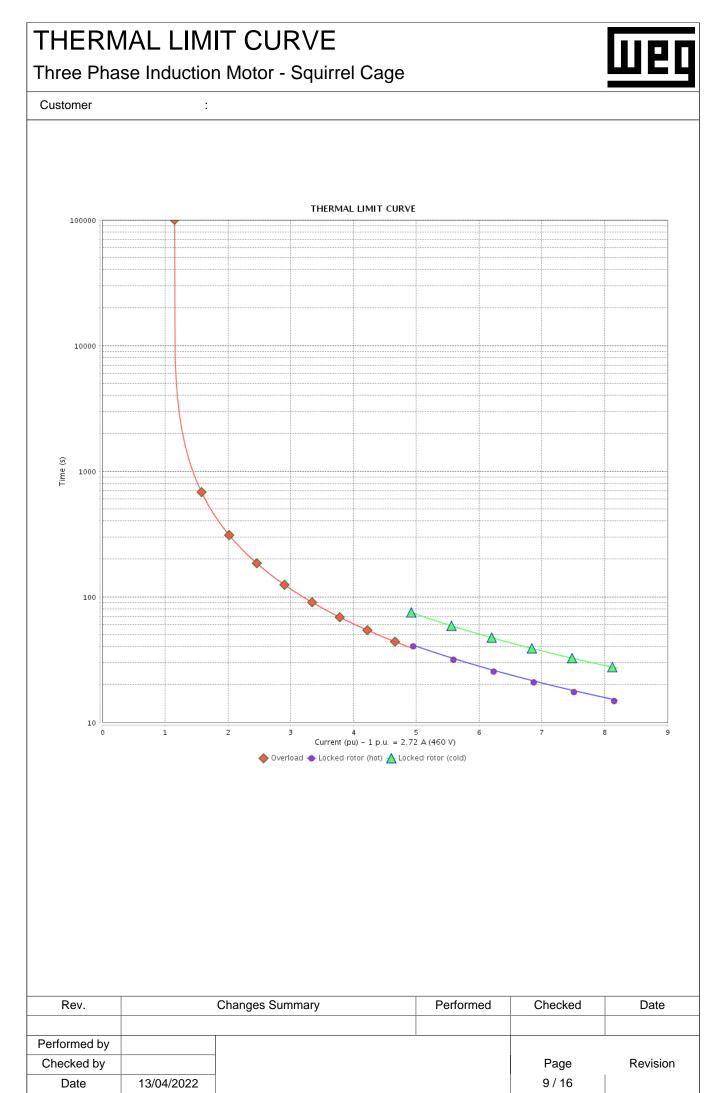
Customer

Product line	: JP Pump NEMA Premium Efficiency Three-Phase		Product code : Catalog # :	14808960 00218ET3E	145JP-SG
Performance	: 230/460 V 60 Hz 4P				
LRC Rated torque Locked rotor torque Breakdown torque	: 5.44/2.72 A : 8.2 : 6.02 ft.lb : 270 % : 300 % : 1745 rpm	Moment o Duty cycle Insulation Service fa Temperate Design	class ictor	: 0.1296 sq.ft. : Cont.(S1) : F : : 80 K : B	lb
Heating constant					
Cooling constant	Observes O		Darfa	Ohard	D . (
Rev.	Changes Summary		Performed	Checked	Date
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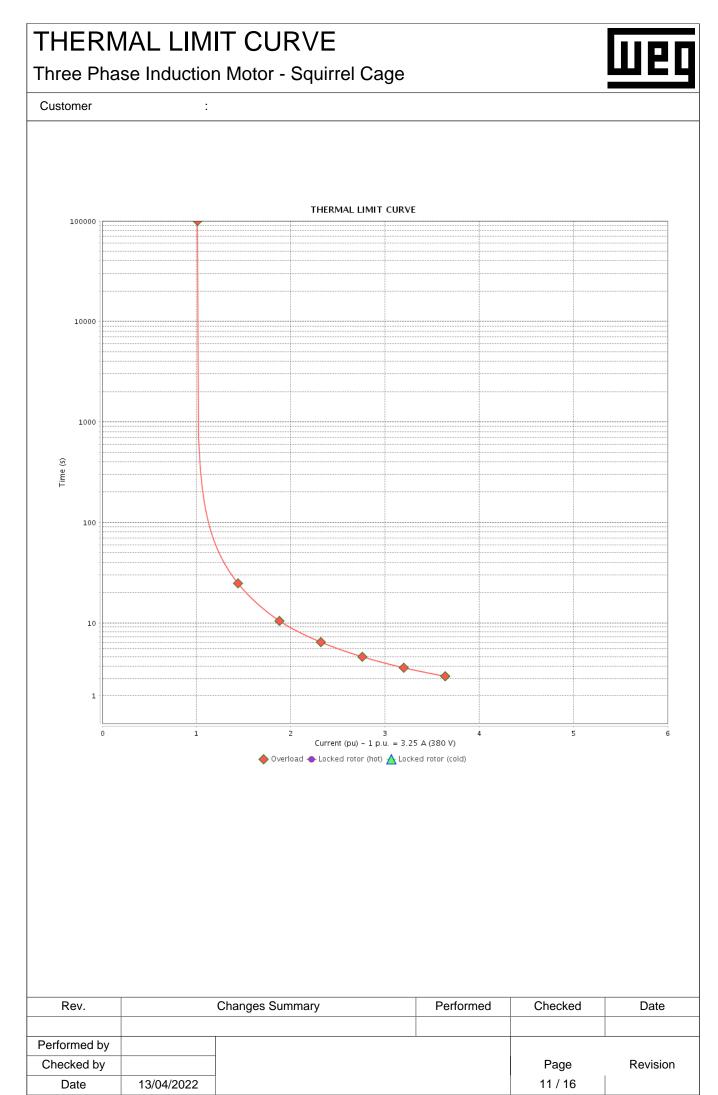


Customer

Product line	: . Et	JP Pump NEMA Premium fficiency Three-Phase		Product code : Catalog # :	14808960 00218ET3E ²	145JP-SG
Performance		90/380 V 50 Hz 4P				
Rated current LRC Rated torque Locked rotor torqu Breakdown torqu Rated speed Heating constant	: 6. : 7. ue : 2' ie : 24 : 14	50/3.25 A 0 42 ft.lb 10 % 40 % 415 rpm	Moment of Duty cycle Insulation Service fa Temperate Design	class ictor	: 0.1296 sq.ft. : Cont.(S1) : F : 1.00 : 105 K : B	ID
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
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 10 / 16

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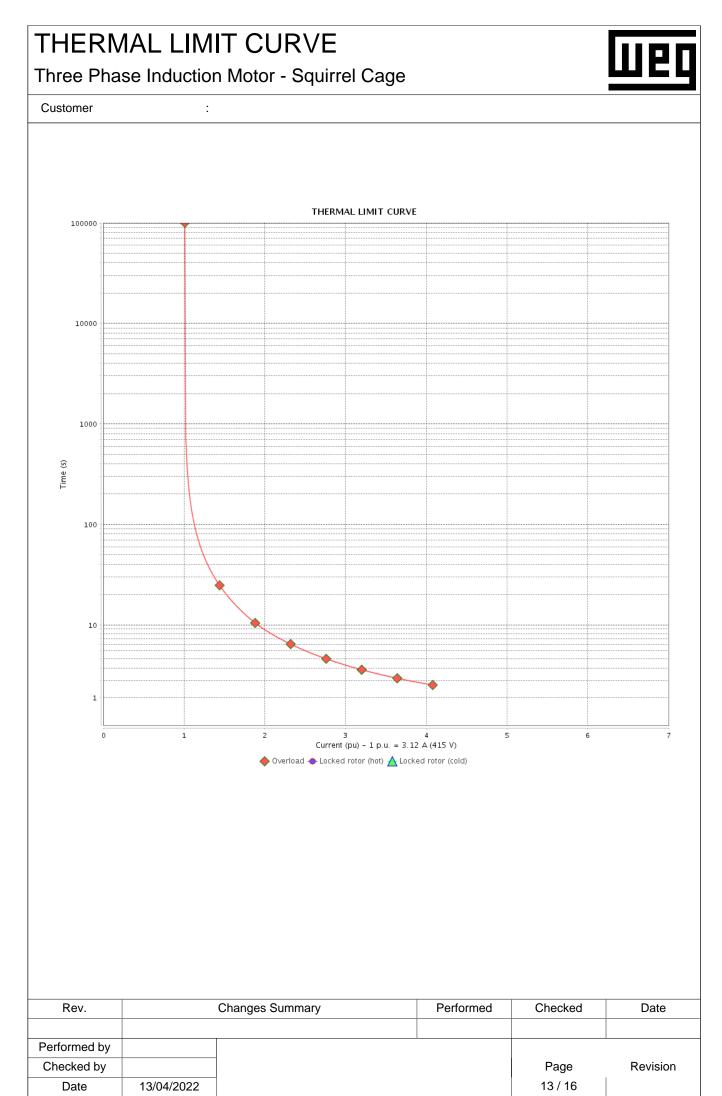
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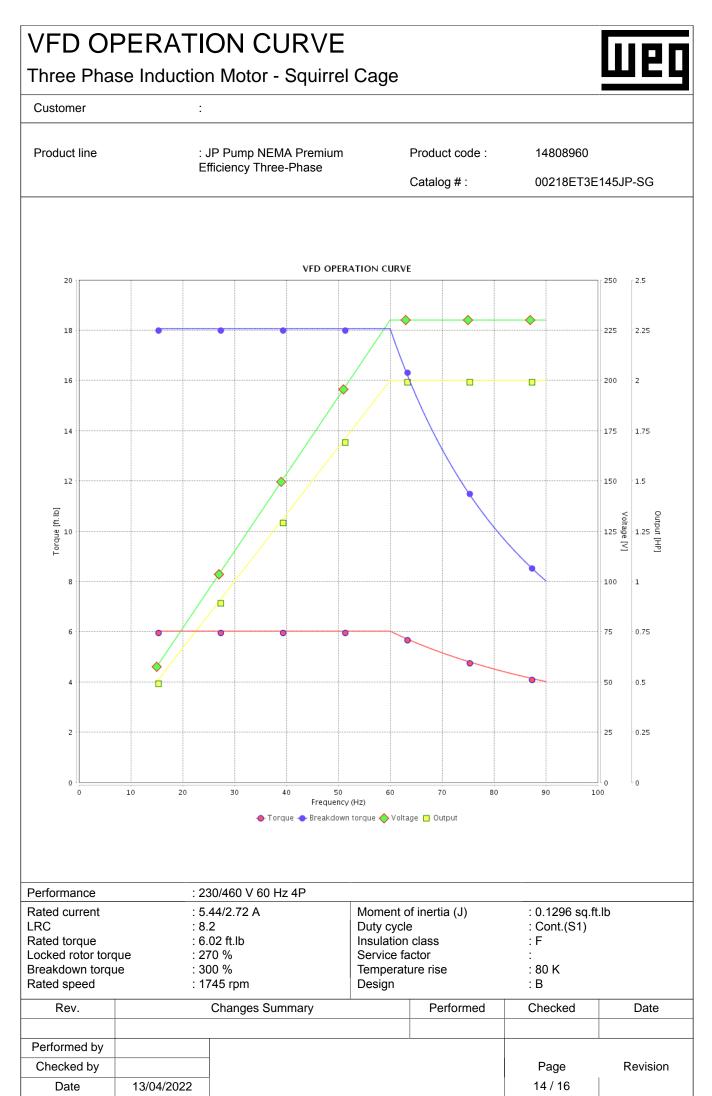
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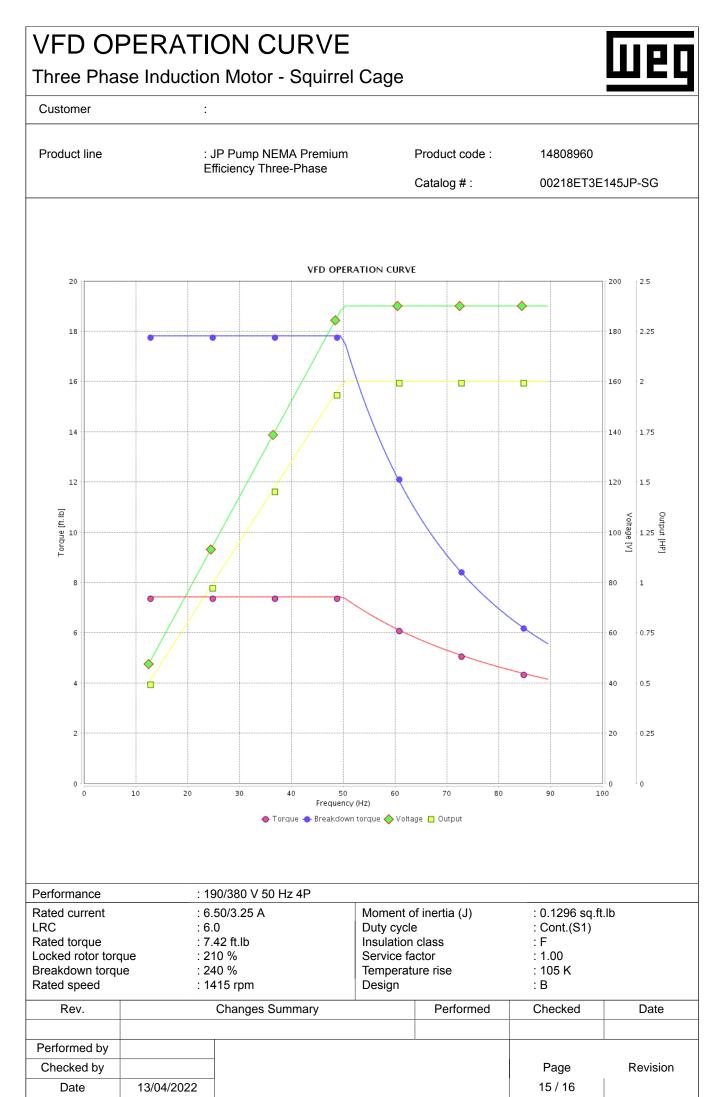
Customer

Product line	: . Fi	JP Pump NEMA Premium fficiency Three-Phase		Product code :	14808960	
	_			Catalog # :	00218ET3E	145JP-SG
				Catalog # :	00218ET3E	145JP-SG
Derformence						
Performance Rated current	: 220/415 V 50 Hz 4P : 5.89/3.12 A		Moment of inertia (J)		: 0.1296 sq.ft.lb	
LRC	: 6.	7	Duty cycle	9	: Cont.(S1)	10
Rated torque Locked rotor torc		37 ft.lb 40 %	Insulation Service fa		: F : 1.00	
Breakdown torqu		70 %	Temperati		: 105 K	
Rated speed		425 rpm	Design		: B	
Heating constant						
Cooling constant	t					
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Date	13/04/2022				12 / 16	





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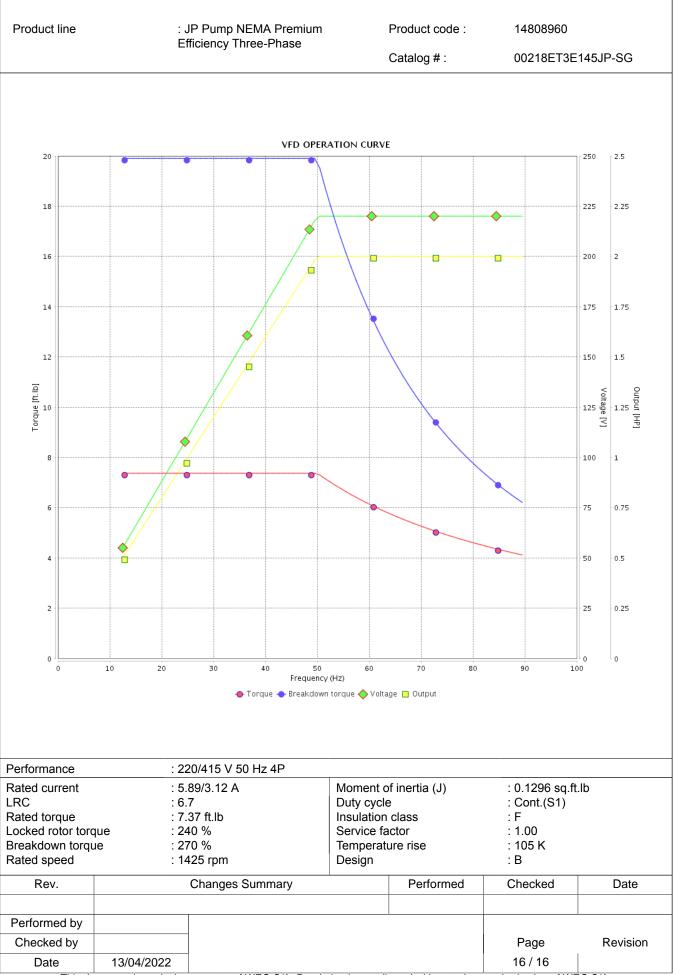
VFD OPERATION CURVE

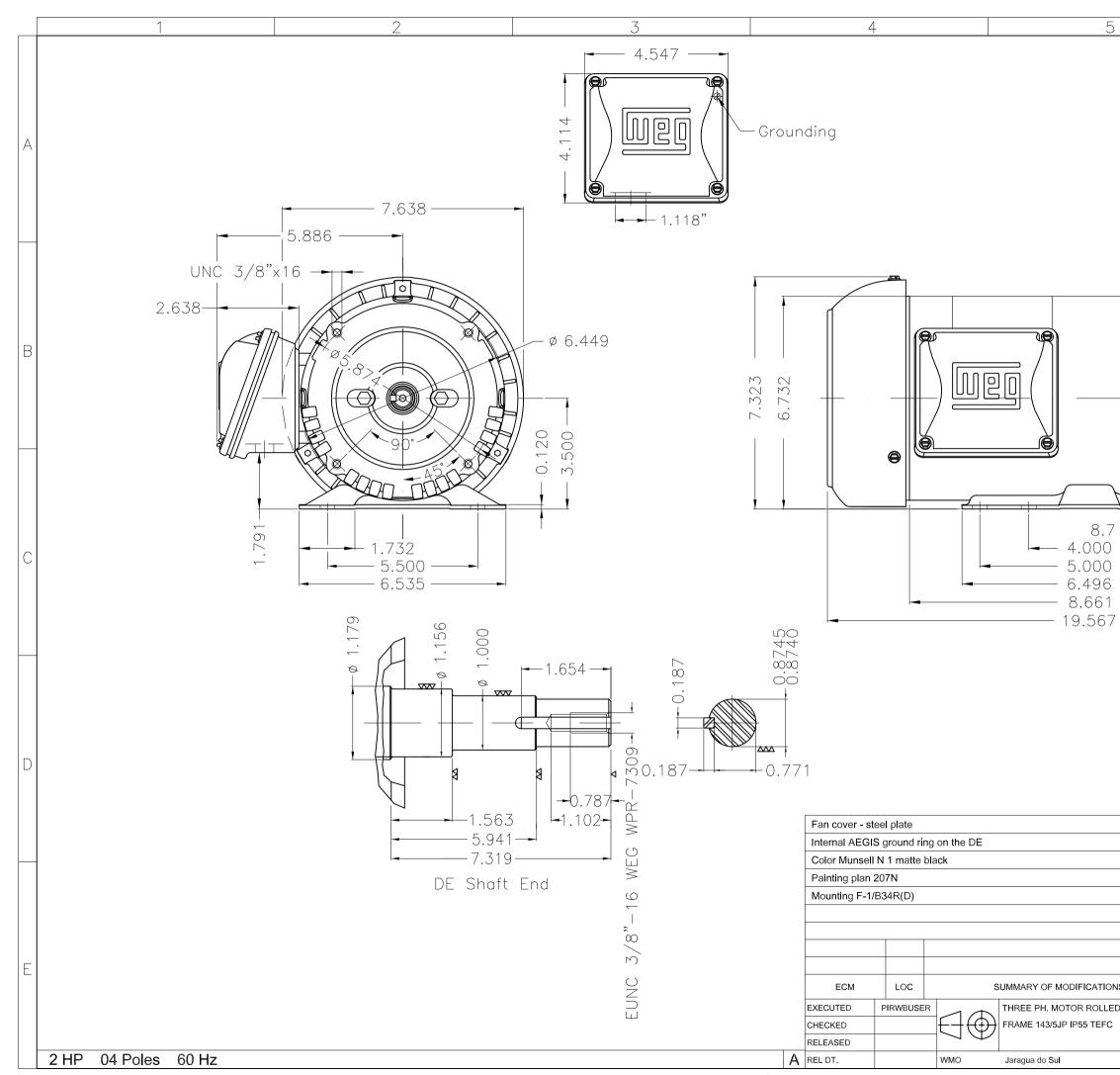
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				Dimensions in inches
IONS EXECUTE		RELEASED	DATE	VER
LED STEEL CLOSE COUPLED PU		'IEW		
	WDD		ШВС	A3
Product Engineering	SHEET	1 / 1		XME

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