DATA SHEET

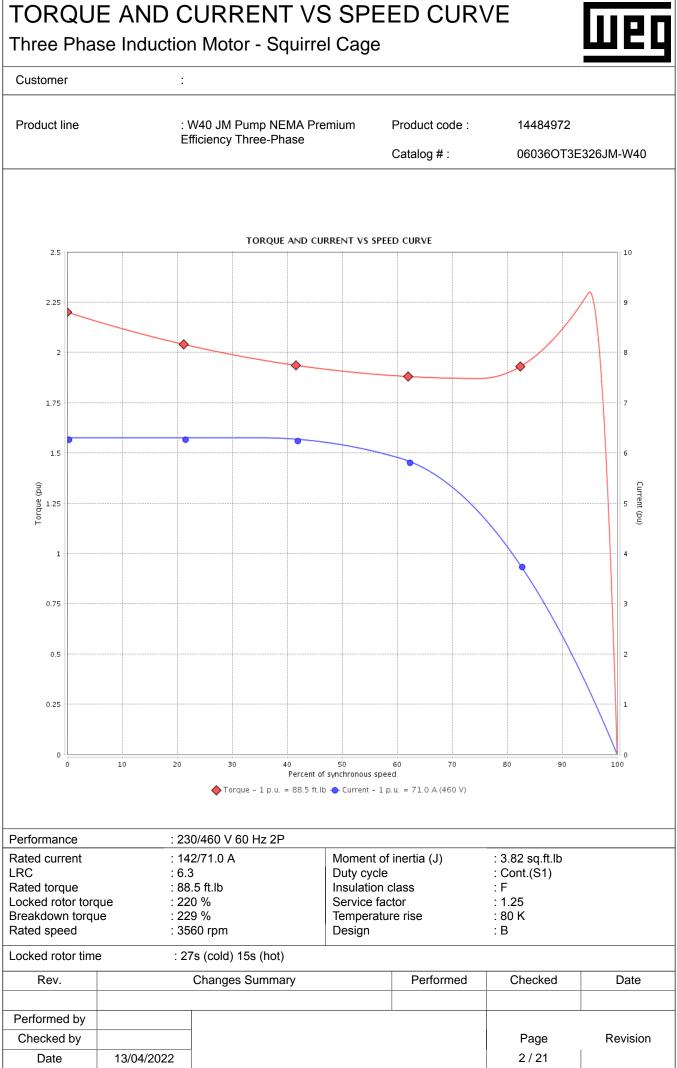
Three Phase Induction Motor - Squirrel Cage

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Customer

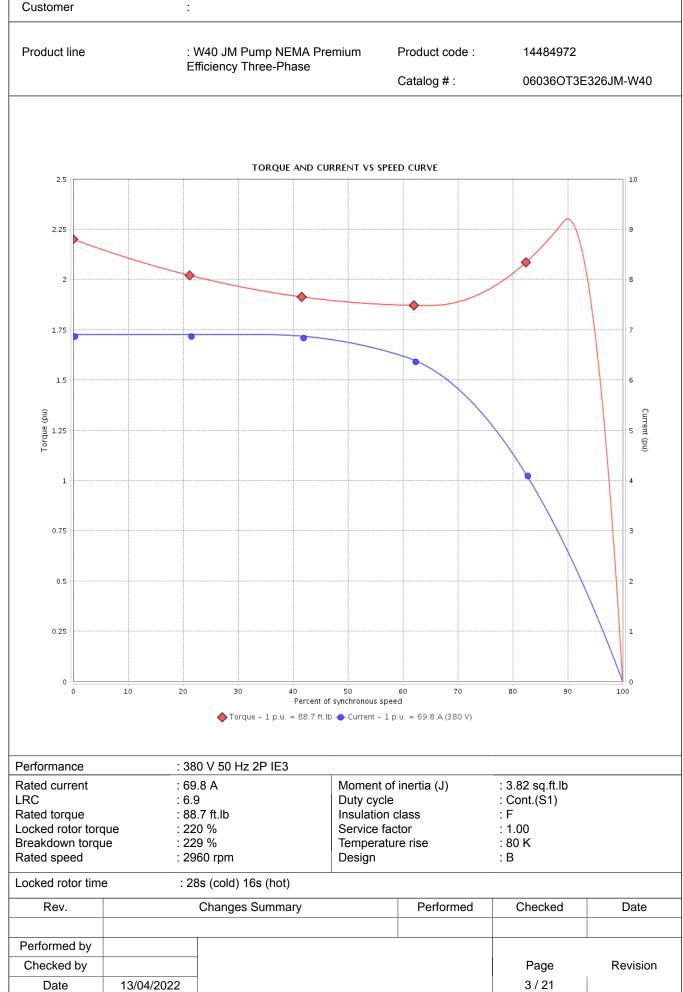
Product line		: W40 JM Pump NEM Efficiency Three-Phas	ium Pro	Im Product code :		14484972	
			50	Ca	italog # :	060360	DT3E326JM-W40
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 324/6JM : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : B		Cooling method Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inertia (J)		: IC01 - ODP : F-1 : Both (CW and CCW) : Direct On Line : 488 lb : 3.82 sq.ft.lb	
Output [HP]		60	1	50	50		50
Poles		2		2	2	,	2
Frequency [Hz]		60		50	50)	50
Rated voltage [V]		230/460		380	400		415
Rated current [A]		142/71.0		69.8	68.		69.5
. R. Amperes [A]		895/447		482	460		473
RC [A]		6.3x(Code G)	6.9	9x(Code H)	6.7x(Co		6.8x(Code H)
No load current [A	1	50.0/25.0		23.0	27.		30.0
Rated speed [RPN		3560		2960	296		2965
Slip [%]	4	1.11		1.33	1.3		1.17
Rated torque [ft.lb	1	88.5		88.7	88.		88.6
Locked rotor torqu		220		220	240		260
Breakdown torque		229		229	250		270
Service factor	r,.1	1.25		1.00	1.0		1.00
Temperature rise		80 K		80 K	80		80 K
Locked rotor time		27s (cold) 15s (hot)	28s (c	cold) 16s (hot			23s (cold) 13s (hot)
Noise level ²		75.0 dB(A)	(,			(-5.2) . 55 (1151)
	25%	91.7		88.9	89.	0	89.2
	50%	92.4		90.5	90.		90.7
Efficiency (%)	75%	93.0	92.0		92.		92.2
	100%	93.6	93.7		93.		93.7
	25%	0.48		0.50	0.4		0.38
- -	50%	0.73		0.73	0.6		0.60
Power Factor	75%	0.82		0.82	0.7		0.72
	100%	0.85		0.86	0.8		0.79
Bearing type Sealing Lubrication inter- Lubricant amour Lubricant type		: 6312 Z C3 621 : Without W Bearing Seal Bear : 19658 h 20	r <u>ive end</u> 1 Z C3 ithout ing Seal 000 h 11 g EM	Max. tractic Max. comp	n		
Notes USABLE @208V	157A SF 1.1	15 SFA 181A		1			
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, where shaft end. olerance of +3dB(A). ot to changes after	hich				ts with sinusoidal stipulated in NEMA
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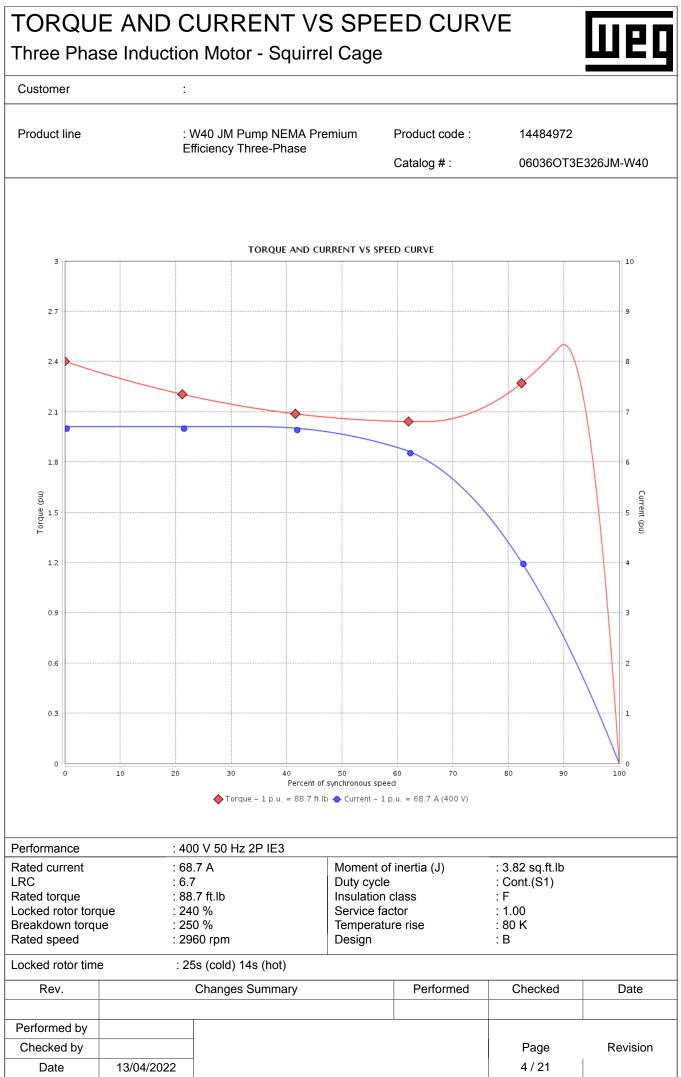
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



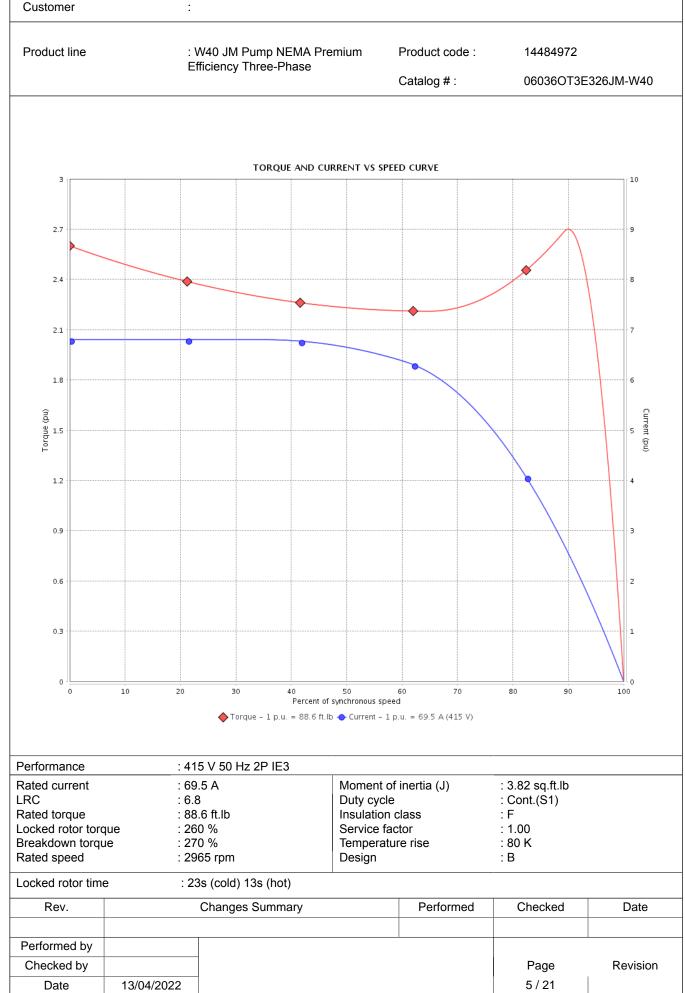
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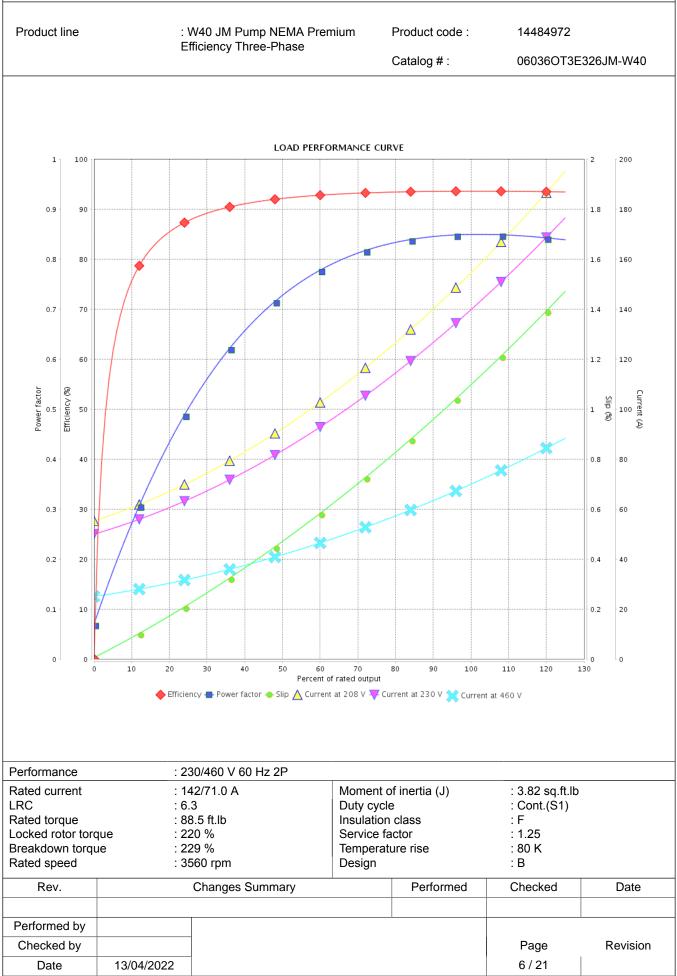
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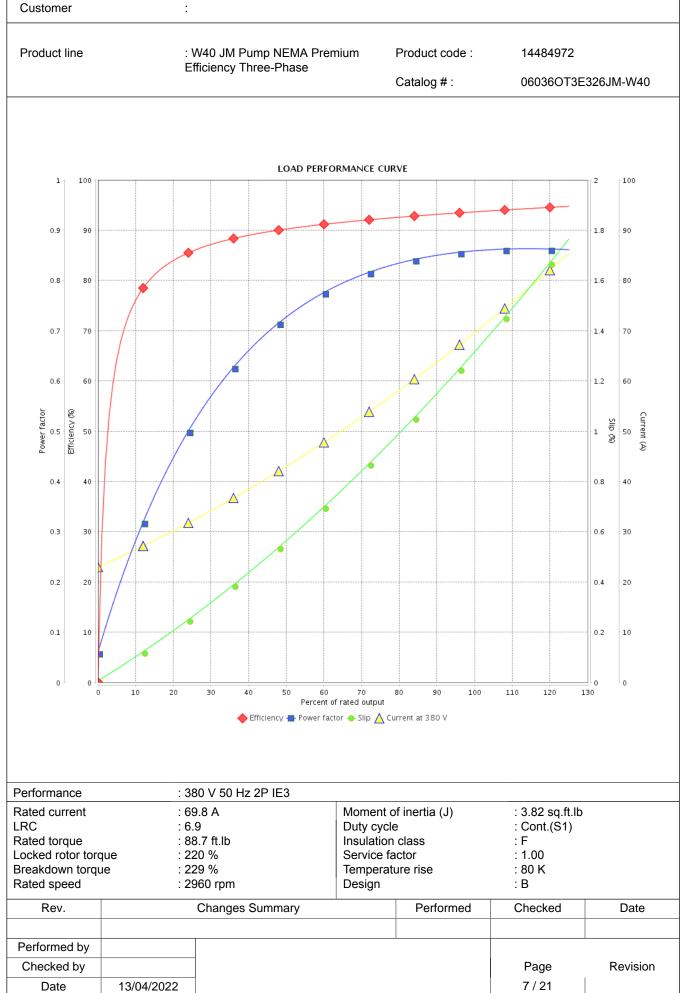


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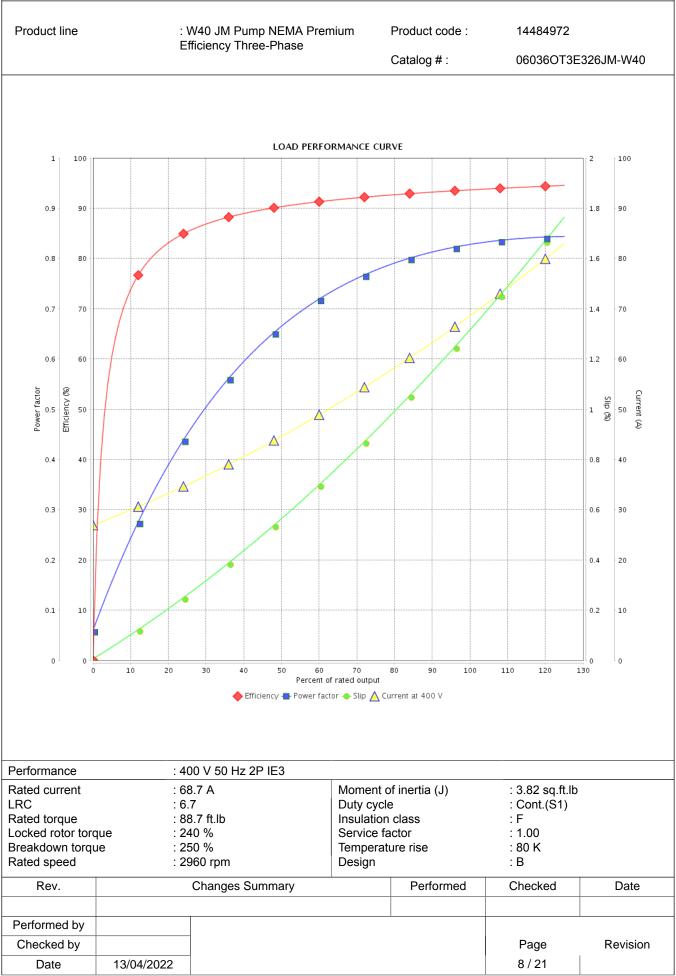
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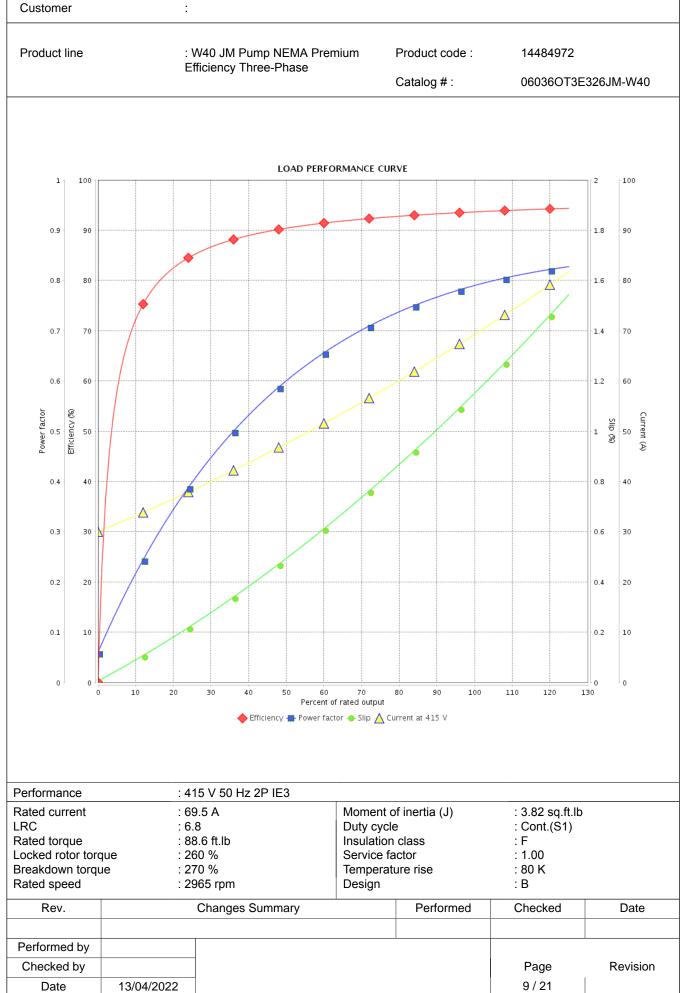


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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

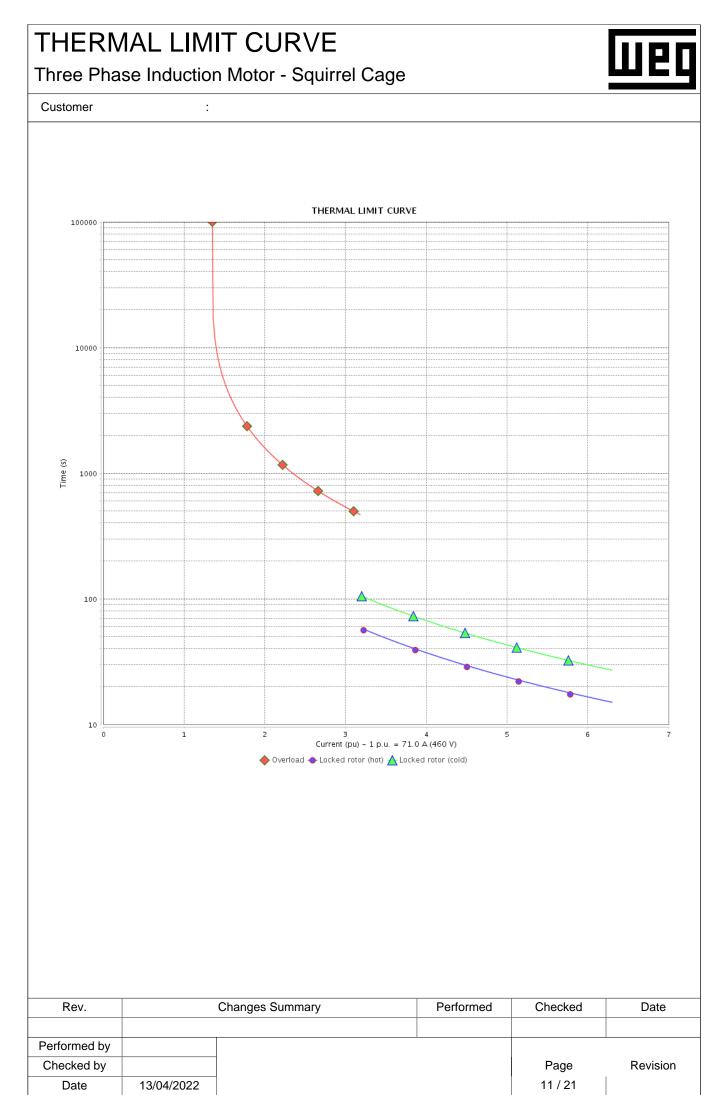
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Customer

Product line	:	Efficiency Three-Phase		Product code :	14484972	14484972 06036OT3E326JM-W40		
	E			Catalog # :	06036OT3E32			
Performance		30/460 V 60 Hz 2P						
Rated current LRC	: 1 : 6	42/71.0 A	Moment of Duty cycle	f inertia (J)	: 3.82 sq.ft.lb : Cont.(S1)			
Rated torque	: 8	8.5 ft.lb	Insulation	class	: F			
Locked rotor toro Breakdown torqu		20 % 29 %	Service fa Temperatu		: 1.25 : 80 K			
Rated speed		560 rpm	Design	ile lise	: B			
Heating constan								
Cooling constant								
Rev.		Changes Summary		Performed	Checked	Date		
Performed by								
Checked by					Page	Revision		
Date	13/04/2022				10/21			

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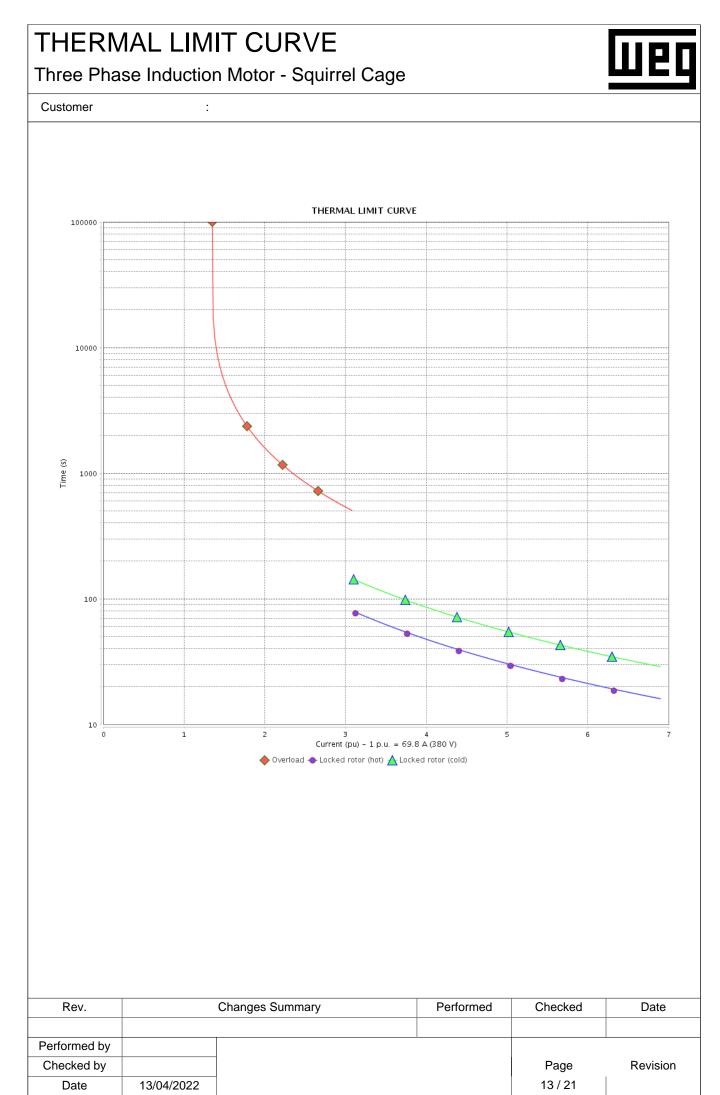


Customer

Product line		: W40 JM Pump NEMA Premium Efficiency Three-Phase			14484972			
				Catalog # :	06036OT3E3	26JM-W40		
Performance	· 3	80 V 50 Hz 2P IE3						
Rated current			Moment o	f inertia (J)	: 3.82 sa.ft.lb			
LRC	: 6	.9	Duty cycle	9	: Cont.(S1)			
Rated torque								
Breakdown torqu								
Rated speed	Efficiency Three-Phase Catalog # : 060360T3E326JM-W40 ance : 380 V 50 Hz 2P IE3							
Heating constant								
Cooling constant								
Rev.		Changes Summary		Performed	Checked	Date		
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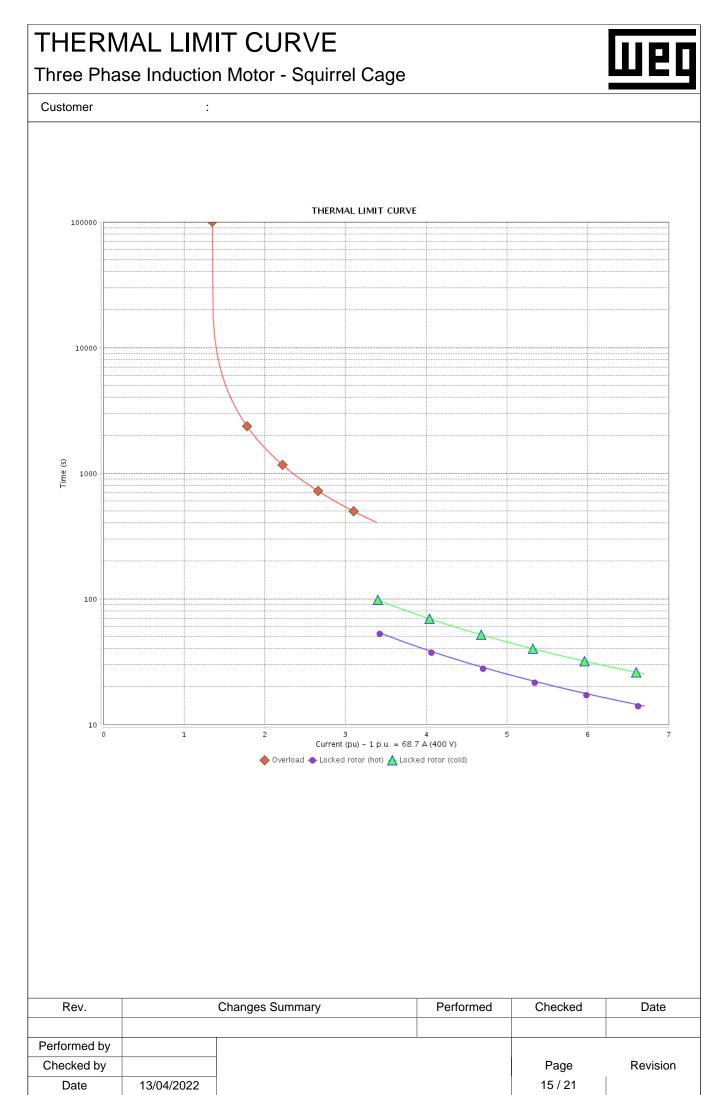


Customer

Product line : W40 JM Pump NEMA Premium Efficiency Three-Phase Product code : : 14484972 Catalog # : Catalog # : 060380T3E328JM-W40									
Performance : 400 V 50 Hz 2P IE3 Reted urrent : 68 7 A Duty cycle : Cont (S1) Head durrent : 68 7 A Duty cycle : Cont (S1) Head durrent : 68 7 A Duty cycle : Cont (S1) Head durrent : 88 7 Rub Hadd durrent : 80 K Hadd durrent : 240 % Structe factor : 7.00 Breaddown tarque : 290 % Temperature rise : 80 K Head speed : 2900 rpm Design constant Cooling constant Cooling constant Changes Summary Performed by - Chacked by -	Product line				Product code :	14484972	14484972		
Performance : 400 V 50 Hz 2P IE3 Rated current : 68 7 A LRC : 6.7 D LRC : 6.7 D Rated torque : 280 7k D Sereakdown torque : 240 % Temperature rise : 00 K Temperature rise : 00 K Temperatur		Ef	fficiency Three-Phase	Catalog # ·		06036OT3E326JM-W40			
Rated current LRC: 68.7 A : 6.7Moment of inertia (J) Duty cycle: 3.82 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 88.7 ft.lbDuty cycle: Cont.(S1)Locked rotor torque Breakdown torque Rated speed: 240 %Service factor: 1.00Breakdown torque Rated speed: 2960 rpmTemperature rise Design: 80 KHeating constant Cooling constantChanges SummaryPerformedCheckedPerformed byPageRevision					-				
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LRC: 6.7Duty cycle: Cont.(\$1)Rated torque: 88.7 ft.lbInsulation class: FLocked rotor torque: 240 %Service factor: 1.00Breakdown torque: 250 %Temperature rise: 80 KRated speed: 2960 rpmDesign: BHeating constant Cooling constantRev.Changes SummaryPerformedCheckedPerformed by Checked byChecked by </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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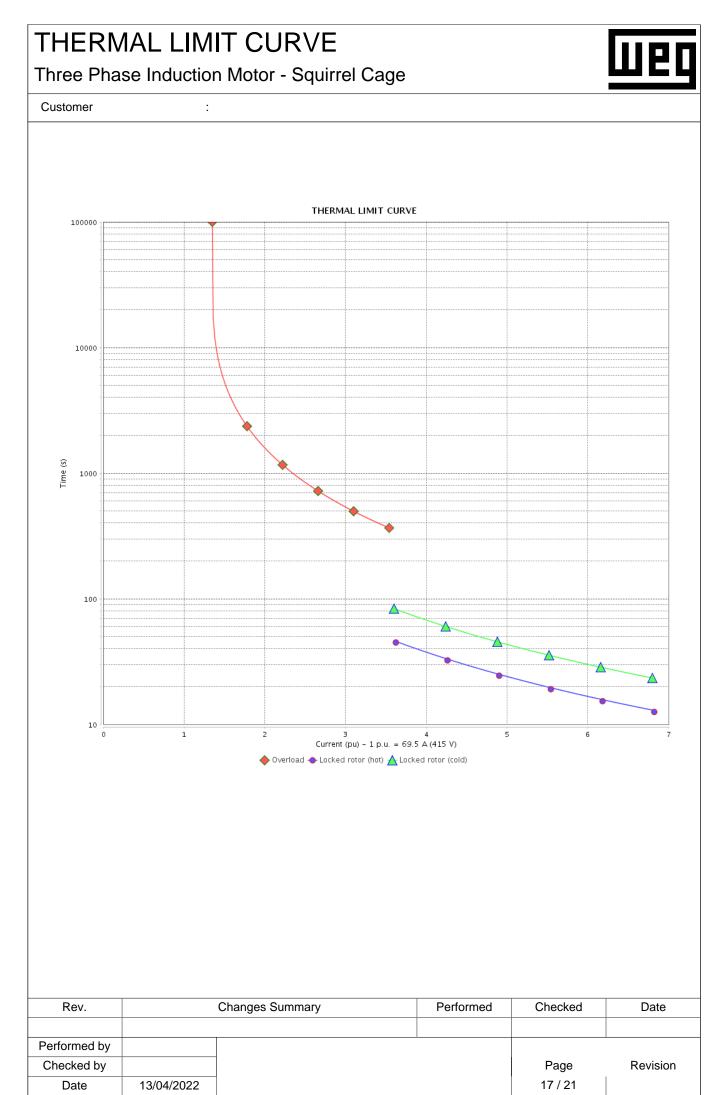


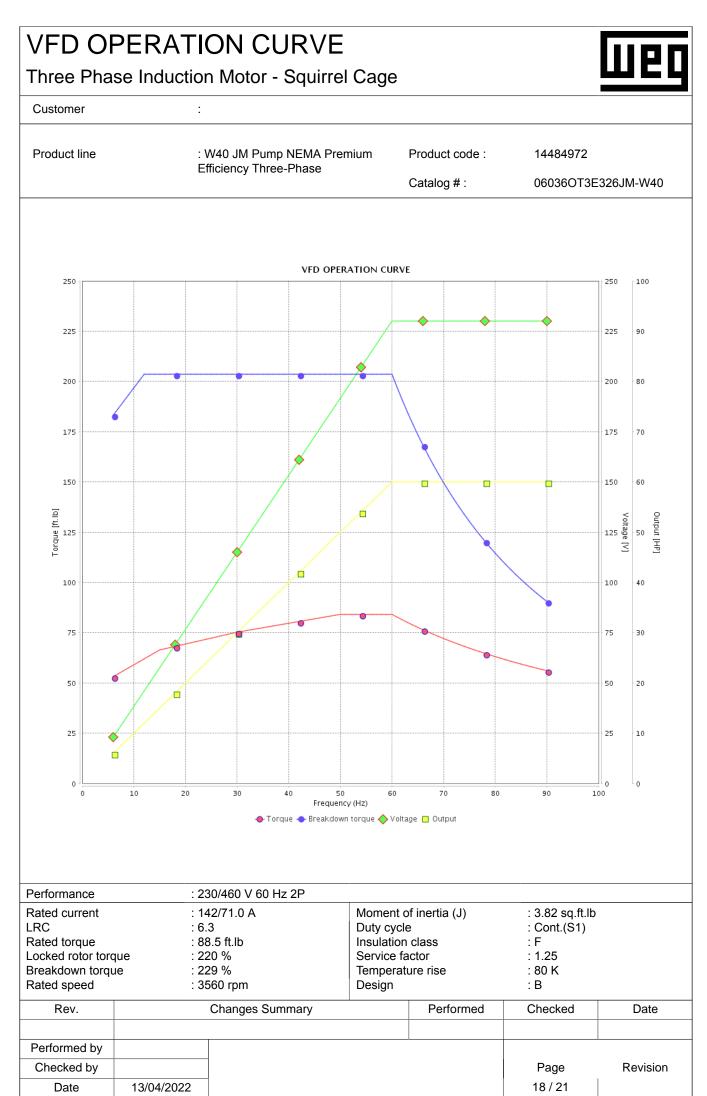
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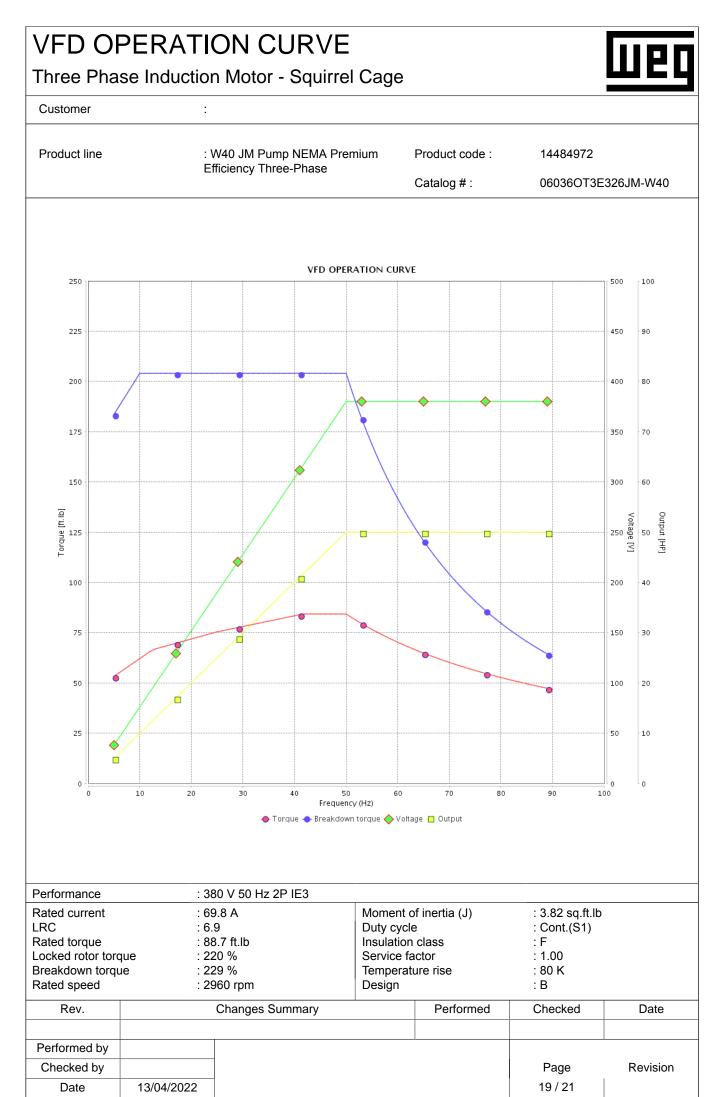
Product line		: W40 JM Pump NEMA Premium Efficiency Three-Phase		Product code :	14484972	14484972		
	E			Catalog # :	06036OT3E3	26JM-W40		
Performance	: 4	15 V 50 Hz 2P IE3						
Rated current		9.5 A	Moment o	f inertia (J)	: 3.82 sq.ft.lb			
LRC Rated torque	: 6.	.8 8.6 ft.lb	Duty cycle Insulation		: Cont.(S1) : F			
Locked rotor tore	que : 20	60 %	Service fa	ctor	: 1.00			
Breakdown torqu		70 %	Temperatu	ure rise	: 80 K			
Rated speed		965 rpm	Design		: B			
Heating constant								
Cooling constant	t	0 0						
Rev.		Changes Summary		Performed	Checked	Date		
Derferrer		1						
Performed by		-			Daaa	Douteter		
Checked by	40/04/0000	-			Page	Revision		
Date	13/04/2022				16 / 21			

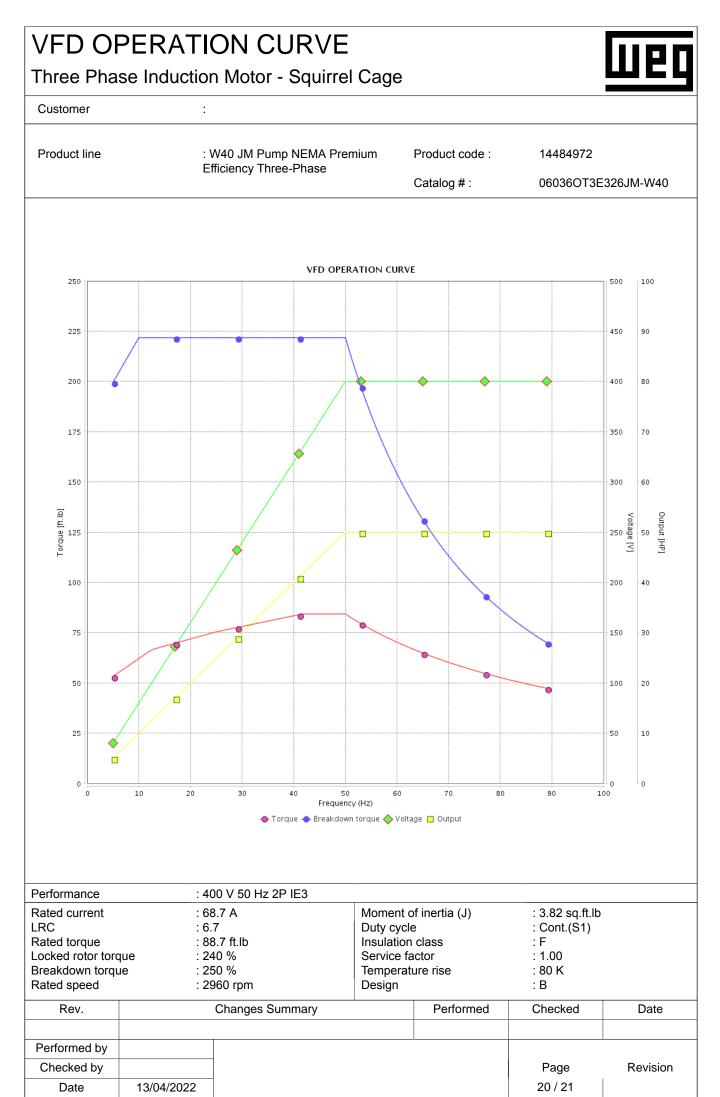
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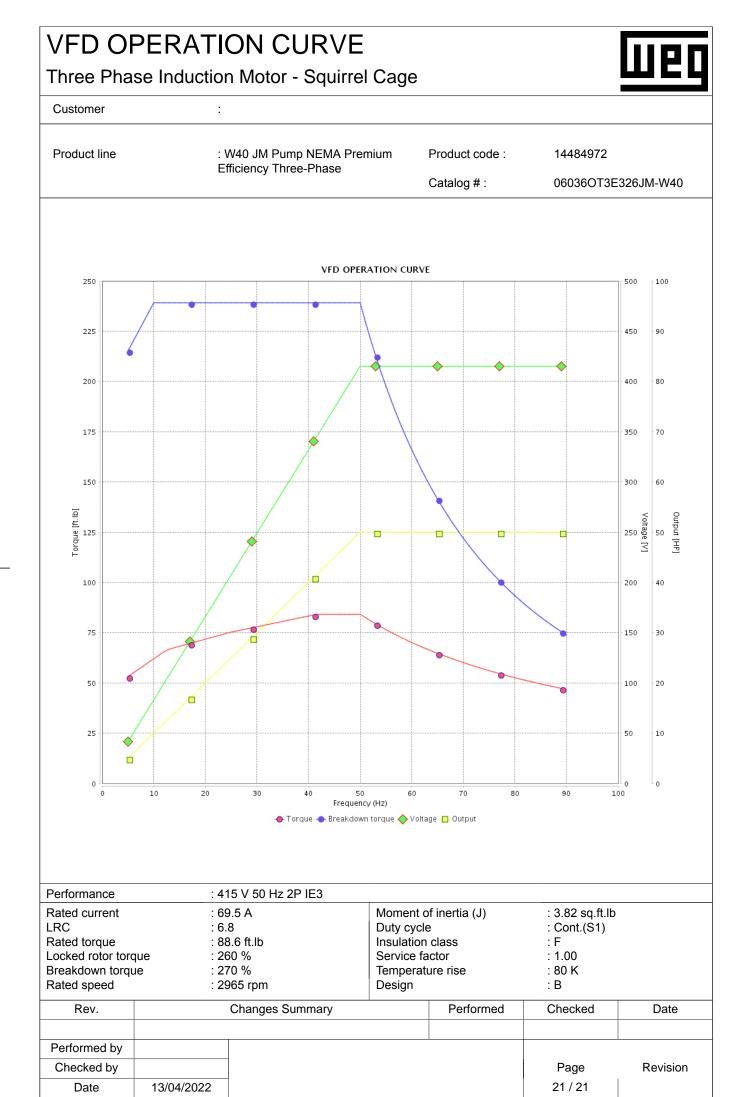
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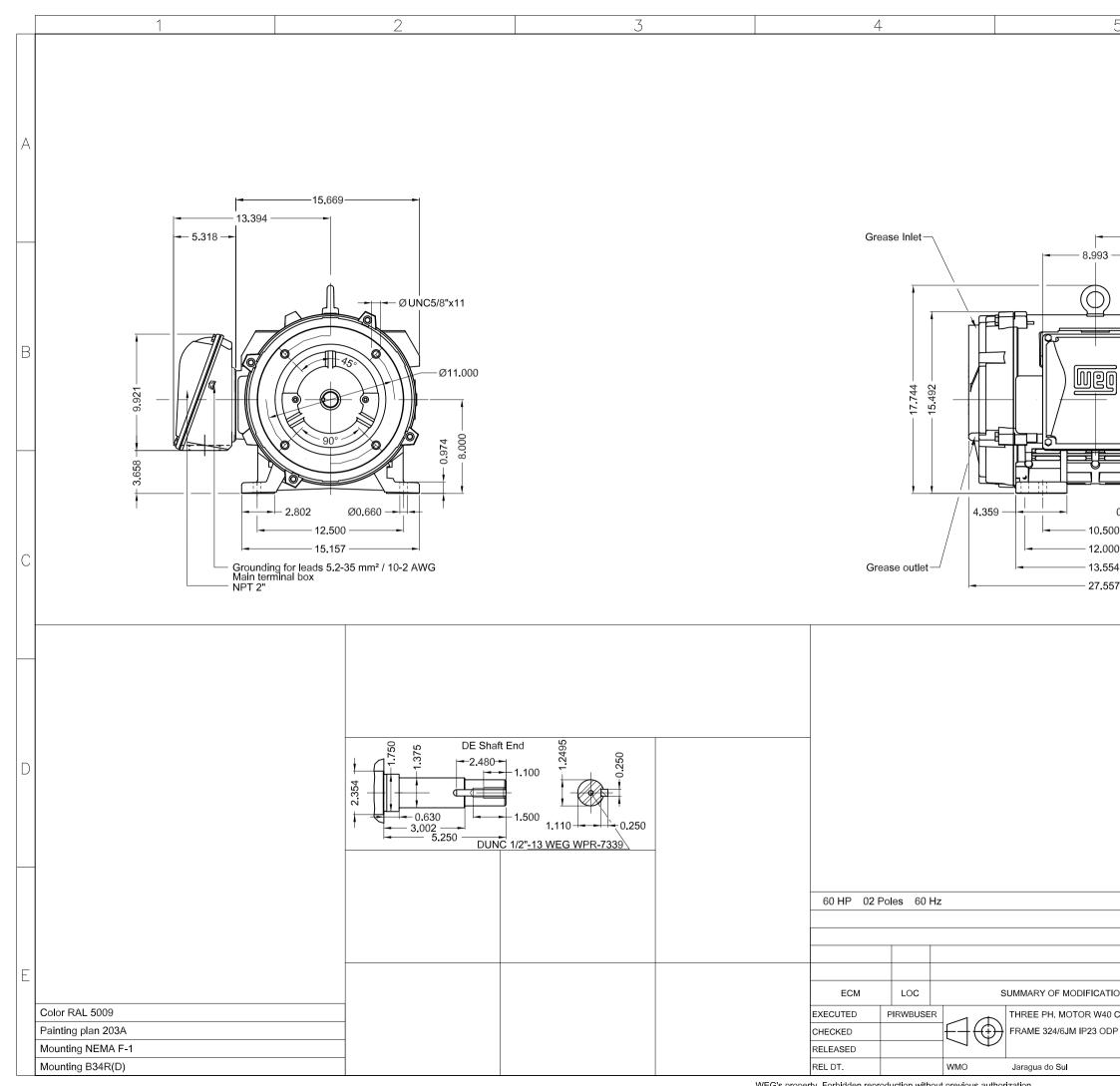








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5			6			
		Grease Inlet				
				1:8	A	Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
) CLOSE COUPLED F	UMP JM TYPE I	₽₽₽₽₽₽₽	EW	1100		e
		WDD		ШВ	9	E A3
Produc	t Engineering	SHEET	1 / 1			XME

