DATA SHEET

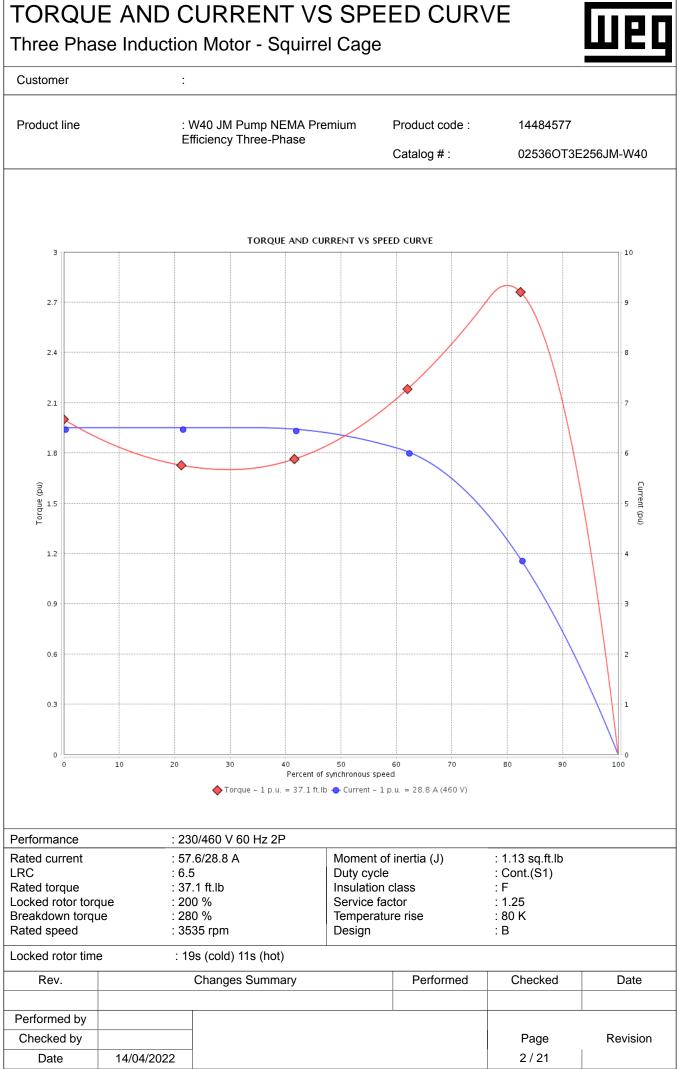
Three Phase Induction Motor - Squirrel Cage

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Customer

Catalog # : 025360T3E256JM-W40 Frame : 254/B/M Coning method : Coning method <th :="" colspan="2" coning="" metho<="" th=""><th colspan="2">Product line</th><th colspan="2">: W40 JM Pump NEMA Premium Efficiency Three-Phase</th><th>um Pro</th><th colspan="2">Product code :</th><th colspan="2">14484577</th></th>	<th colspan="2">Product line</th> <th colspan="2">: W40 JM Pump NEMA Premium Efficiency Three-Phase</th> <th>um Pro</th> <th colspan="2">Product code :</th> <th colspan="2">14484577</th>		Product line		: W40 JM Pump NEMA Premium Efficiency Three-Phase		um Pro	Product code :		14484577	
Insulation class : F Mounting : F-1 Mounting : F-1 Ambient temperature : 20° C to +40° C Starting method : Direct On Line Direct On Line Antitude : 1000 m.a.s.l. Approx.weight* : 243 lb Moment of inertia (J) : 1.13 sq.ft.lb Design :B 2<					Са	talog # :	025360	T3E256JM-W40			
Opes 2 2 2 2 2 2 Tengency [H2] 60 50 50 50 50 Rated voltage [V] 230/460 380 400 415 Rated untage [V] 57.6/28.8 28.2 27.4 27.0 R. Amperes [A] 37.4/187 192 186 200 RC [A] 6.5x(Code G) 6.5x(Code H) 6.8x(Code J) 7.4x(Code J) Io load current [A] 17.0/s.50 8.20 9.10 10.0 Stated speed [RPM] 3535 2935 2945 2950 Stated speed [RPM] 3535 2935 2945 2950 Stated speed [RPM] 18.1 2.17 1.83 1.67 Stated speed [RPM] 27.1 5.8 35.7 35.6 Cocked rotor torue [%] 280 280 300 320 Ferucetactor 12.5 1.00 1.00 1.00 1.00 Efficiency (%) 25% 9.0.8 87.6 87.9 <td>Insulation class Duty cycle Ambient tempera Altitude Protection degre</td> <td></td> <td colspan="2">: F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23</td> <td colspan="2">Mounting Rotation¹ Starting method Approx. weight³</td> <td>: F-1 : Both (0 : Direct : 243 lb</td> <td colspan="2">: F-1 : Both (CW and CCW) : Direct On Line : 243 lb</td>	Insulation class Duty cycle Ambient tempera Altitude Protection degre		: F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23		Mounting Rotation ¹ Starting method Approx. weight ³		: F-1 : Both (0 : Direct : 243 lb	: F-1 : Both (CW and CCW) : Direct On Line : 243 lb			
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Efficiency (%) 75% 91.7 89.9 90.1 90.1 90.1 Power Factor 100% 91.7 91.9 91.9 91.9 91.9 91.9 Power Factor 50% 0.53 0.54 0.49 0.45 Power Factor 50% 0.77 0.73 0.69 75% 0.85 0.85 0.82 0.79 100% 0.88 0.86 0.86 0.84 Bearing type : 6309 Z C3 6209 Z C3 Max. traction Bearing type : 6309 Z C3 6209 Z C3 Max. traction Lubrication interval : 20000 h 20000 h Max. traction Lubricatin type : Mobil Polyrex EM Max. compression Max. compression Notes USABLE @208V 63.7A SF 1.15 SFA 73.2A These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. MG-1. Performed Date											
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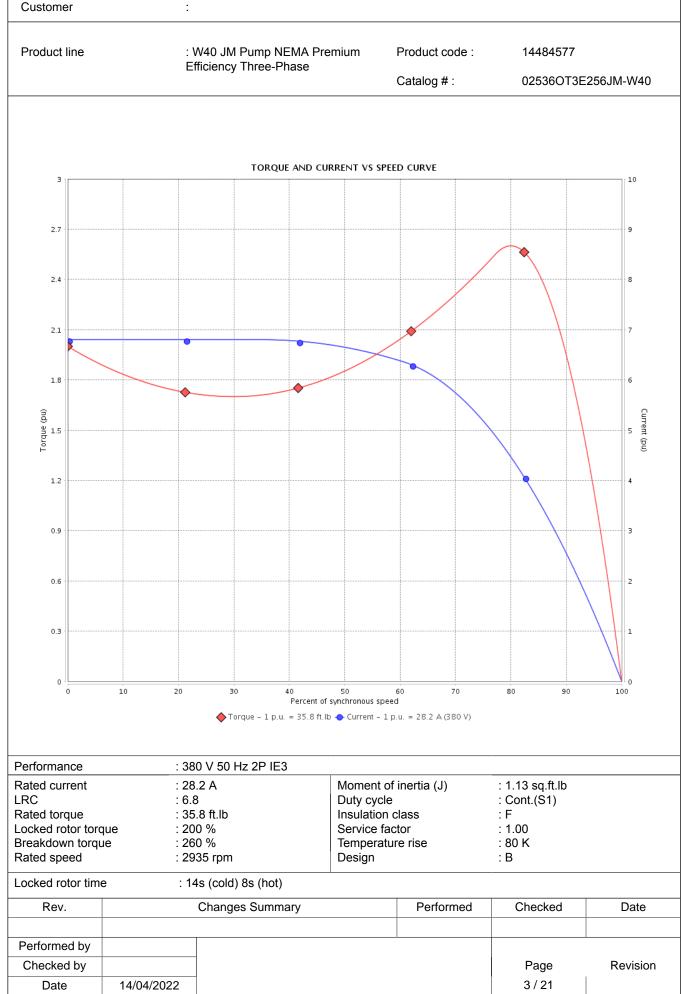


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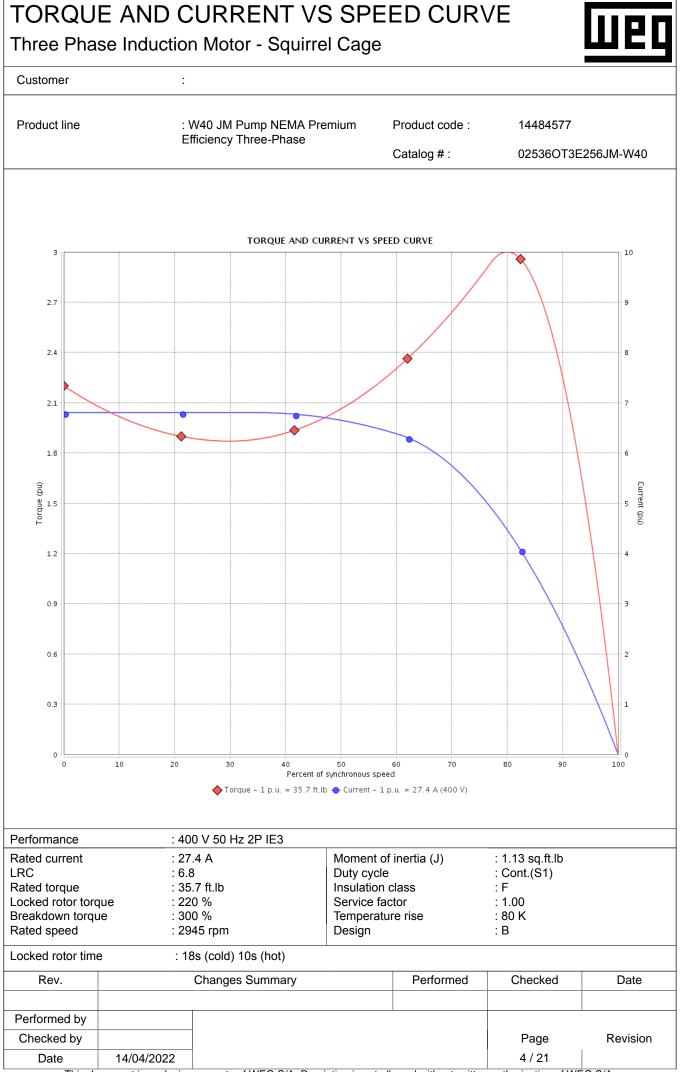
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

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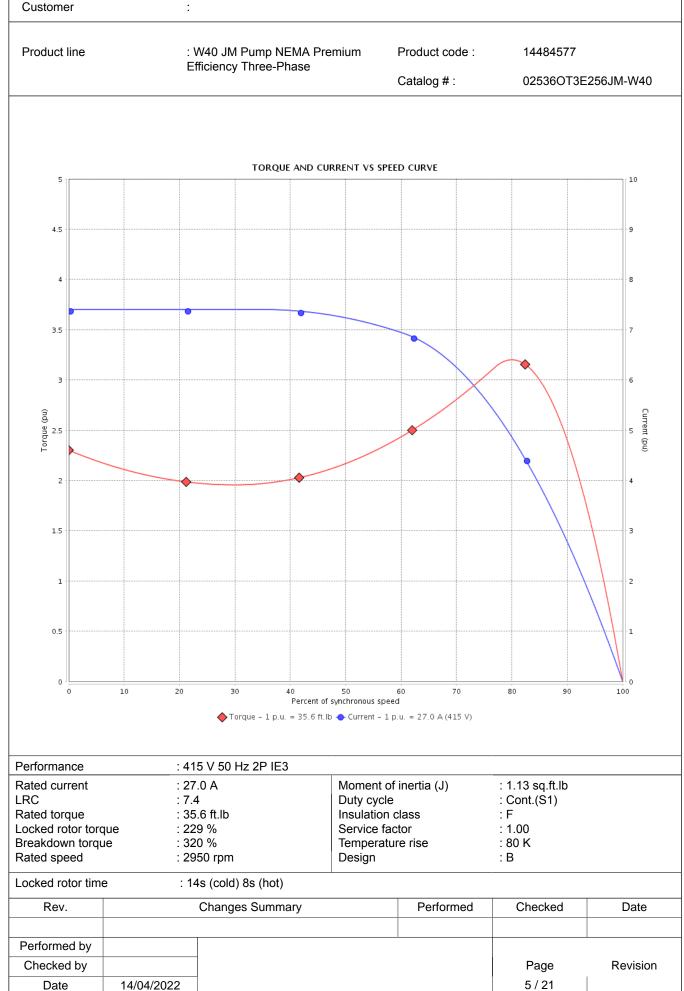


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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

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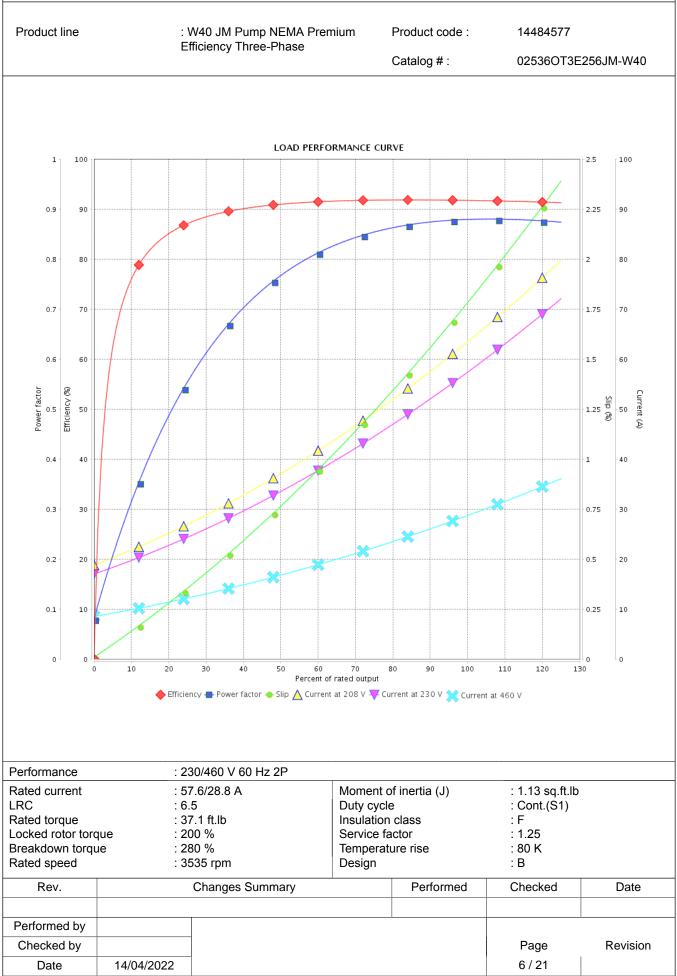
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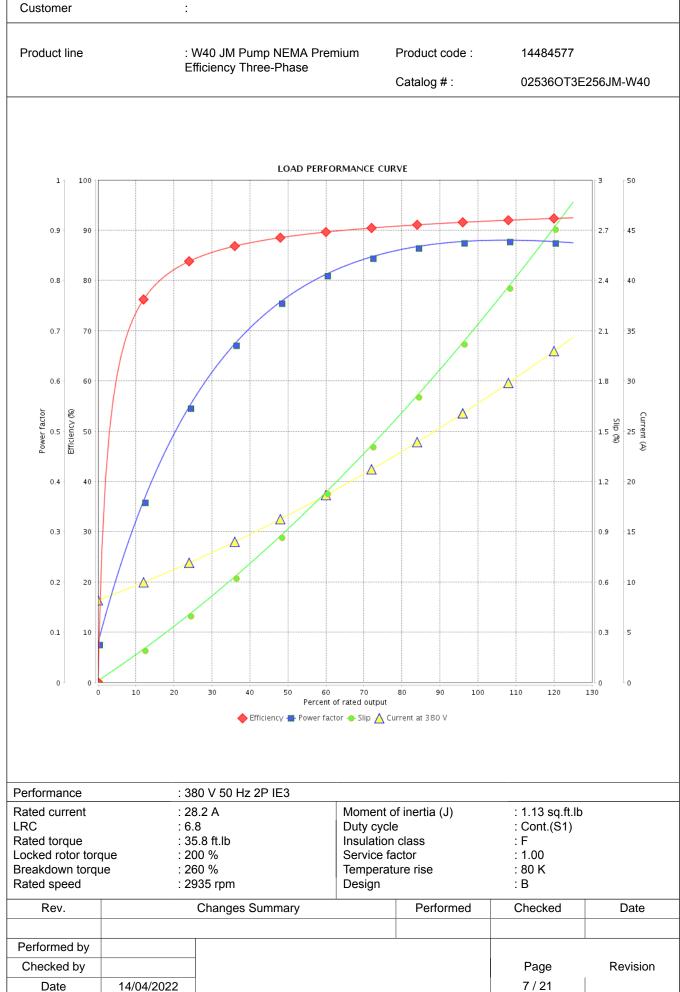


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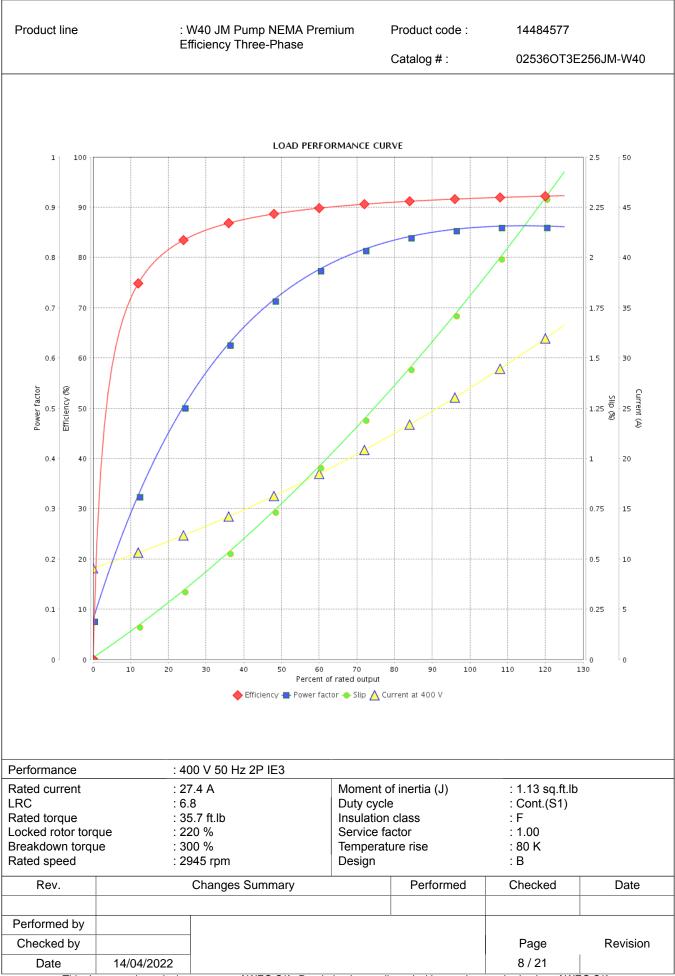
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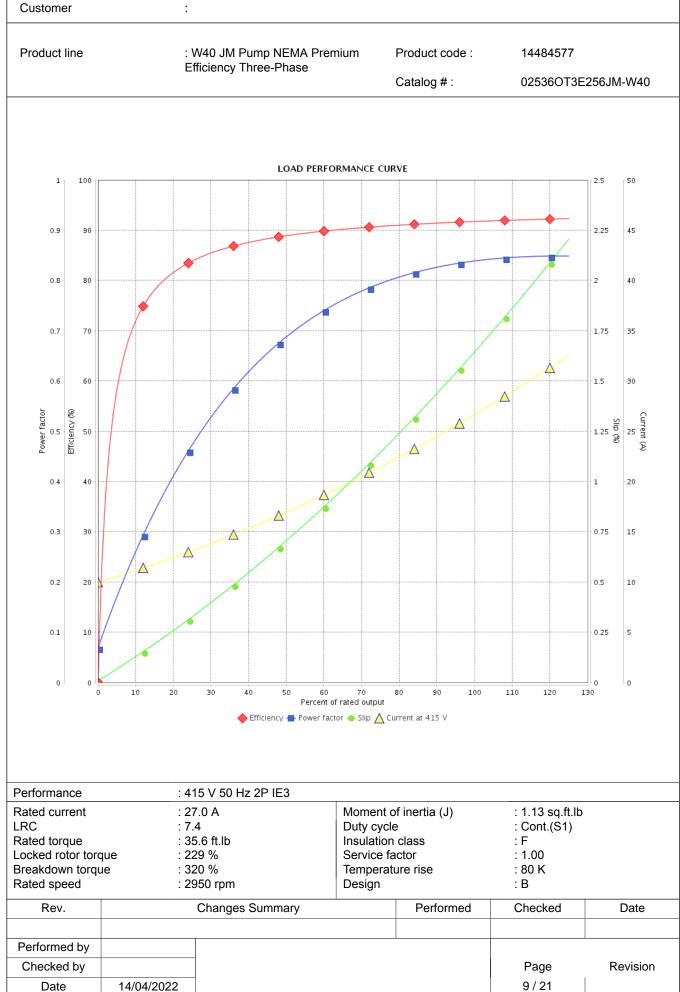


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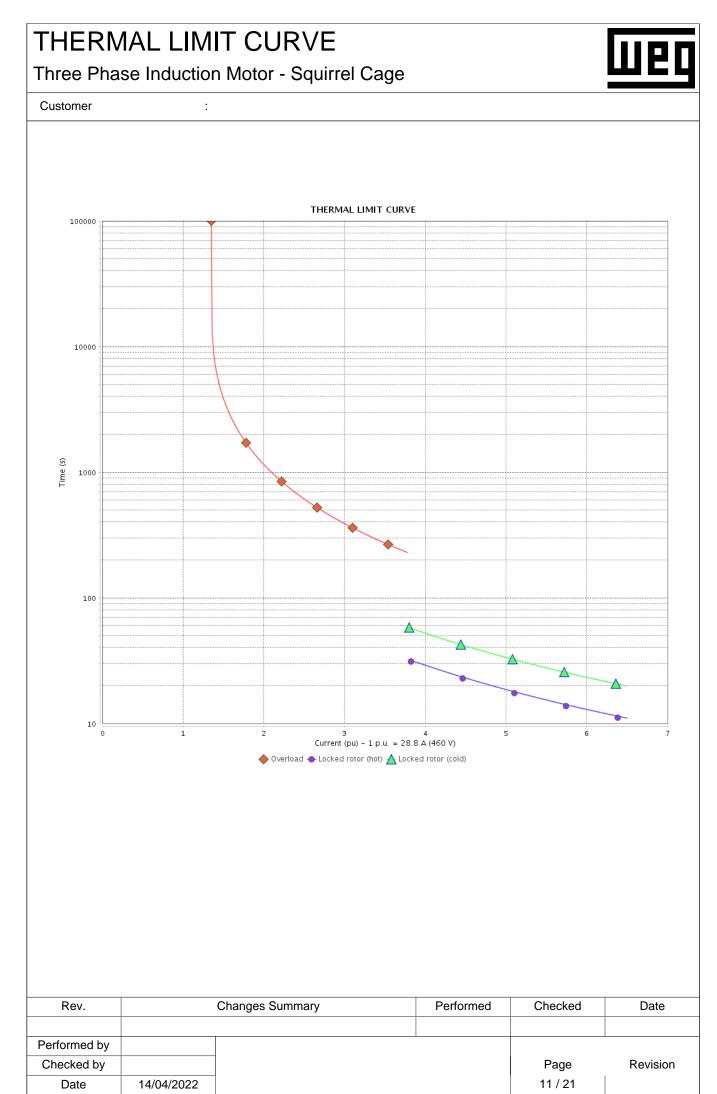


Customer

Product line		: W40 JM Pump NEMA Premium Efficiency Three-Phase		Product code :	14484577	
				Catalog # :	02536OT3E2	56JM-W40
Performance	: 2	230/460 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque		57.6/28.8 A 5.5 37.1 ft.lb 200 % 280 % 3535 rpm	ft.lbDuty cycleft.lbInsulation%Service fa%Temperat		: 1.13 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constan	t					
Cooling constant						
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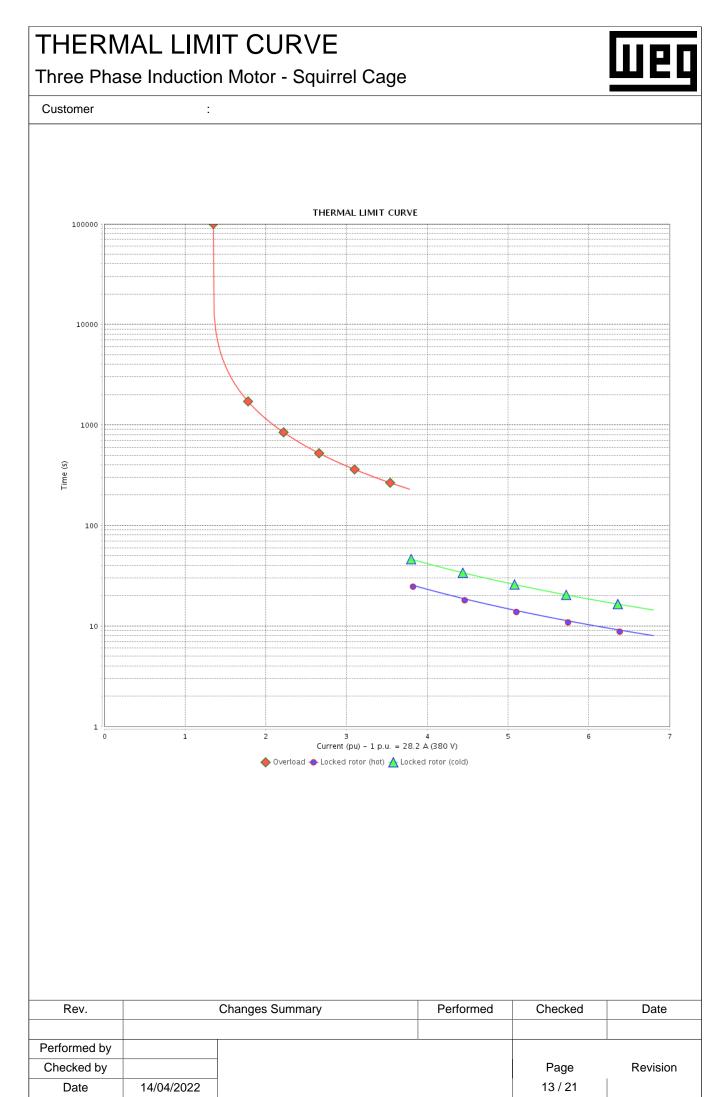


Customer

Product line		: W40 JM Pump NEMA Premium Efficiency Three-Phase		Product code :	14484577	
				Catalog # :	02536OT3E2	256JM-W40
Performance	: 38	30 V 50 Hz 2P IE3				
Rated current LRC		3.2 A	Moment o Duty cycle	f inertia (J)	: 1.13 sq.ft.lb : Cont.(S1)	
Rated torque	: 35	5.8 ft.lb	Insulation	class	: F	
Locked rotor toro		00 %	Service fa		: 1.00	
Breakdown torqu		50 %	Temperatu	ure rise	: 80 K	
Rated speed		935 rpm	Design		: B	
Heating constant						
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
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Checked by					Page	Revision
Date	14/04/2022				12 / 21	

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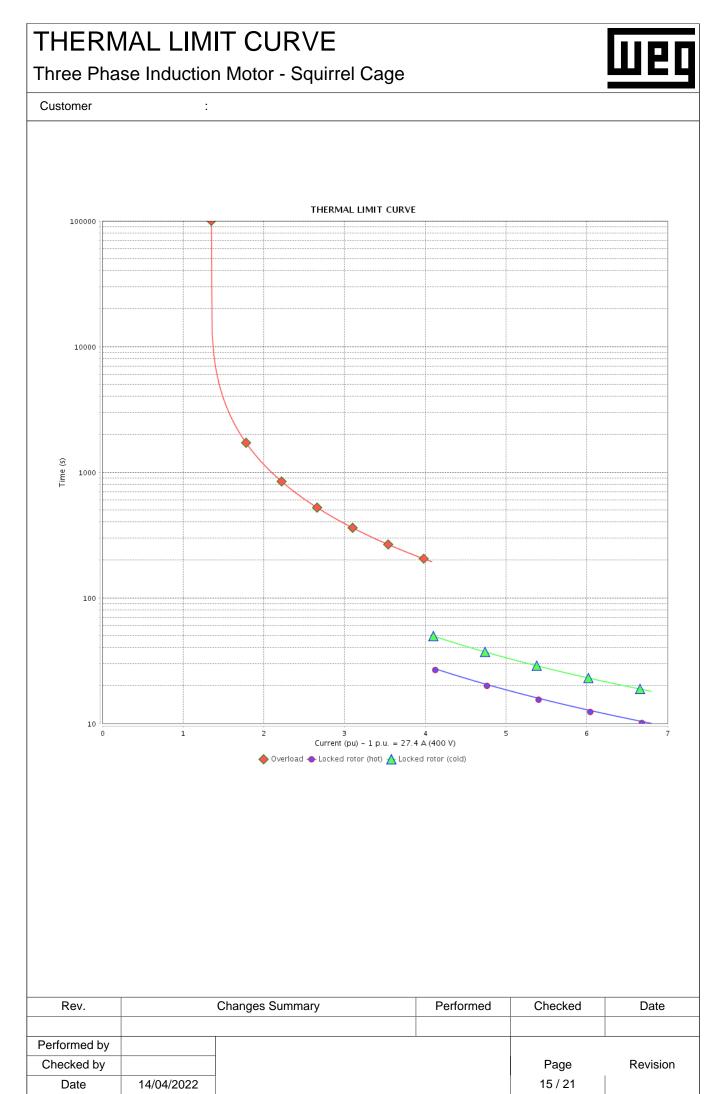


Customer

Product line		: W40 JM Pump NEMA Premium Efficiency Three-Phase		Product code :	14484577	
			Catalog # :		02536OT3E2	56JM-W40
Performance	: 40	00 V 50 Hz 2P IE3				
Rated current LRC		7.4 A	Moment o Duty cycle	f inertia (J)	: 1.13 sq.ft.lb : Cont.(S1)	
Rated torque	: 35	5.7 ft.lb	Insulation	class	: F	
Locked rotor tore		20 %	Service fa		: 1.00	
Breakdown torqu		00 %	Temperatu	ure rise	: 80 K	
Rated speed		945 rpm	Design		: B	
Heating constant						
Cooling constant		2				
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	14/04/2022				14 / 21	

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Three Phase Induction Motor - Squirrel Cage

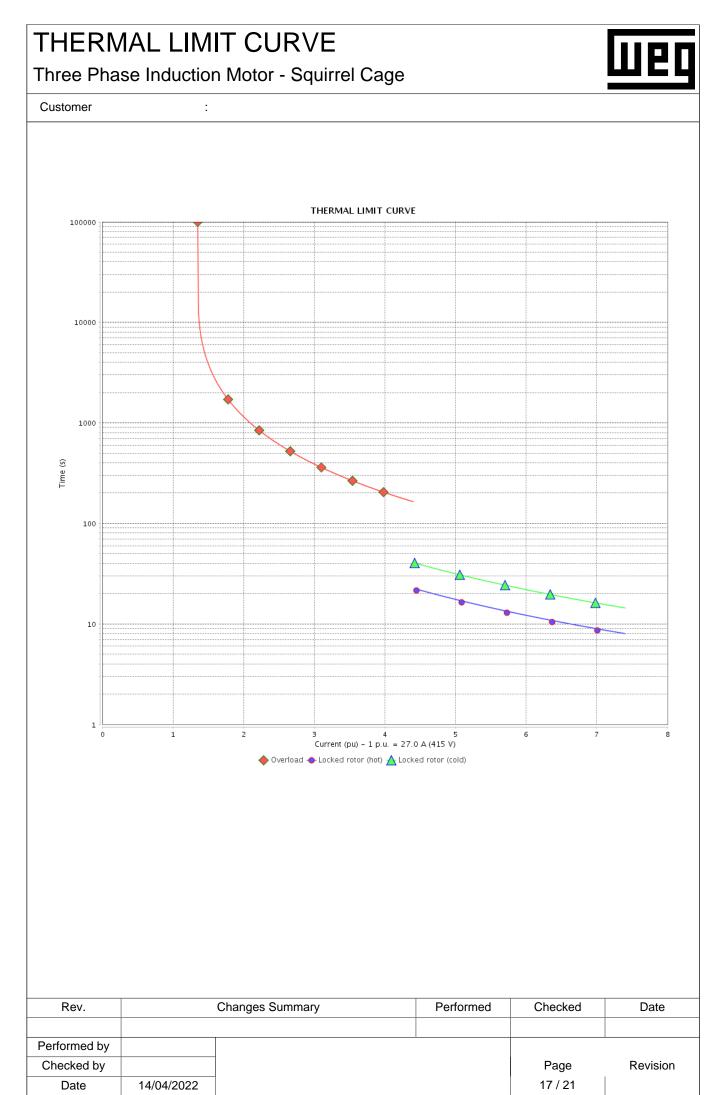
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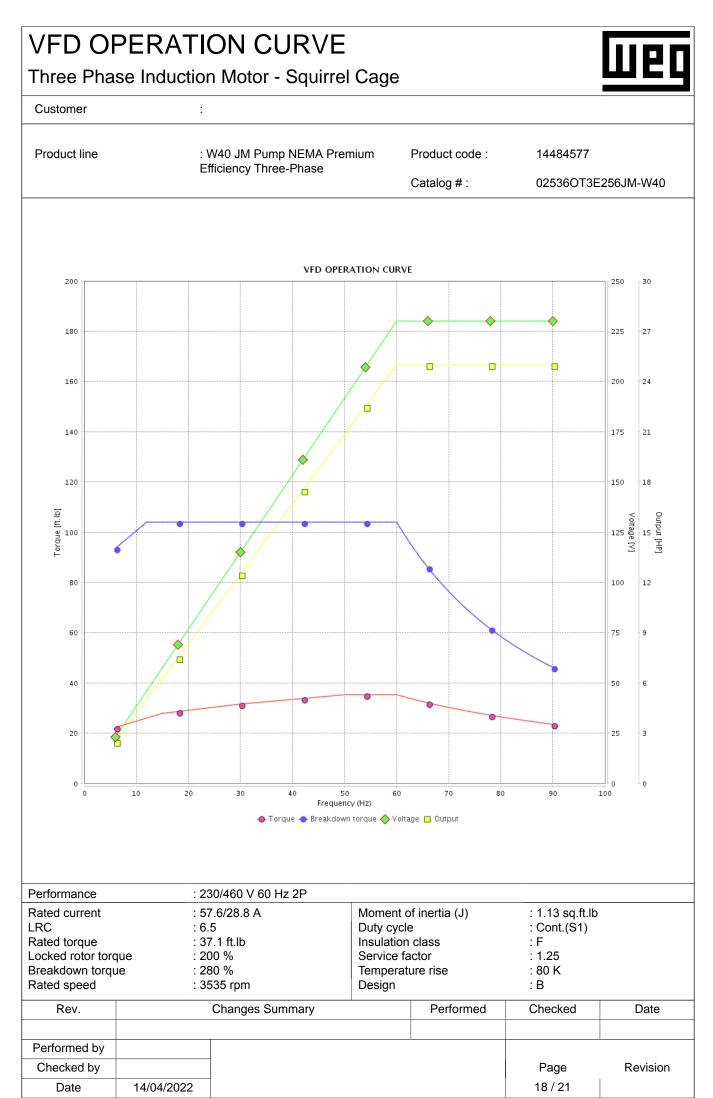


Customer

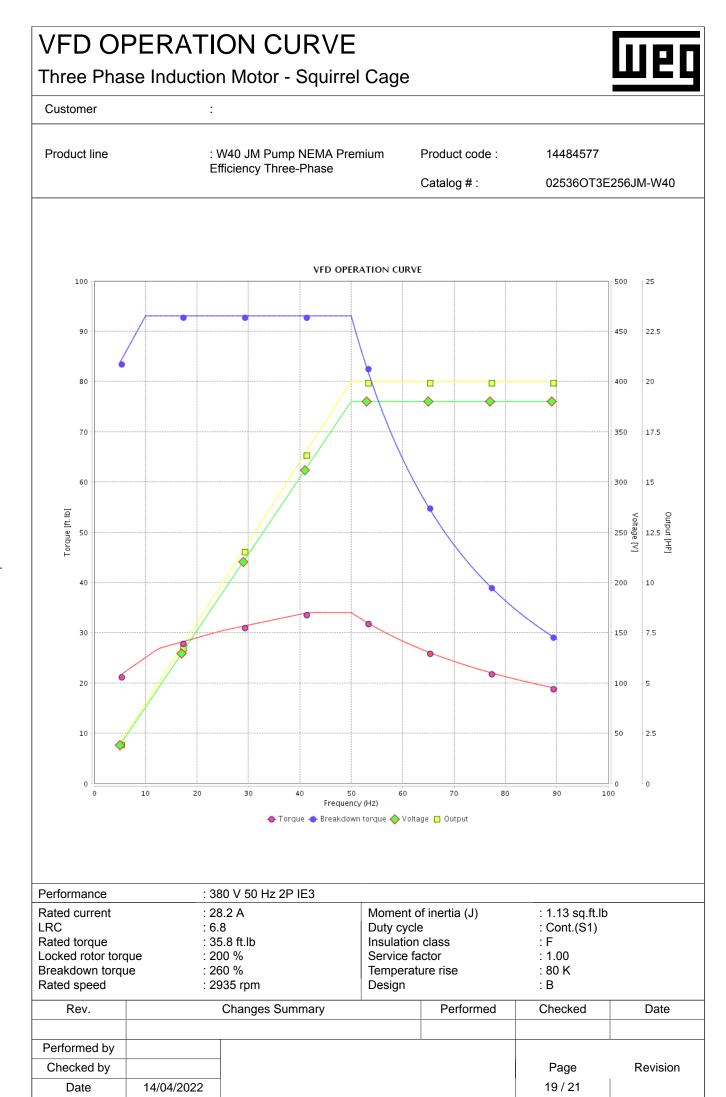
Product line		: W40 JM Pump NEMA Premium Efficiency Three-Phase		Product code :	14484577	14484577	
				Catalog # :	02536OT3E2	56JM-W40	
Performance	: 4	15 V 50 Hz 2P IE3					
Rated current LRC Rated torque Locked rotor torq	: 2 : 7. : 39 ue : 22	7.0 A .4 5.6 ft.lb 29 %	Duty cycle Insulation Service fa	class actor	: 1.13 sq.ft.lb : Cont.(S1) : F : 1.00		
Breakdown torqu Rated speed		20 % 950 rpm	Temperate Design	ure rise	: 80 K : B		
Heating constant			-				
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by Checked by		_			Page	Revision	
Date	14/04/2022	-			16 / 21	REVISION	
	17/04/202/	1					

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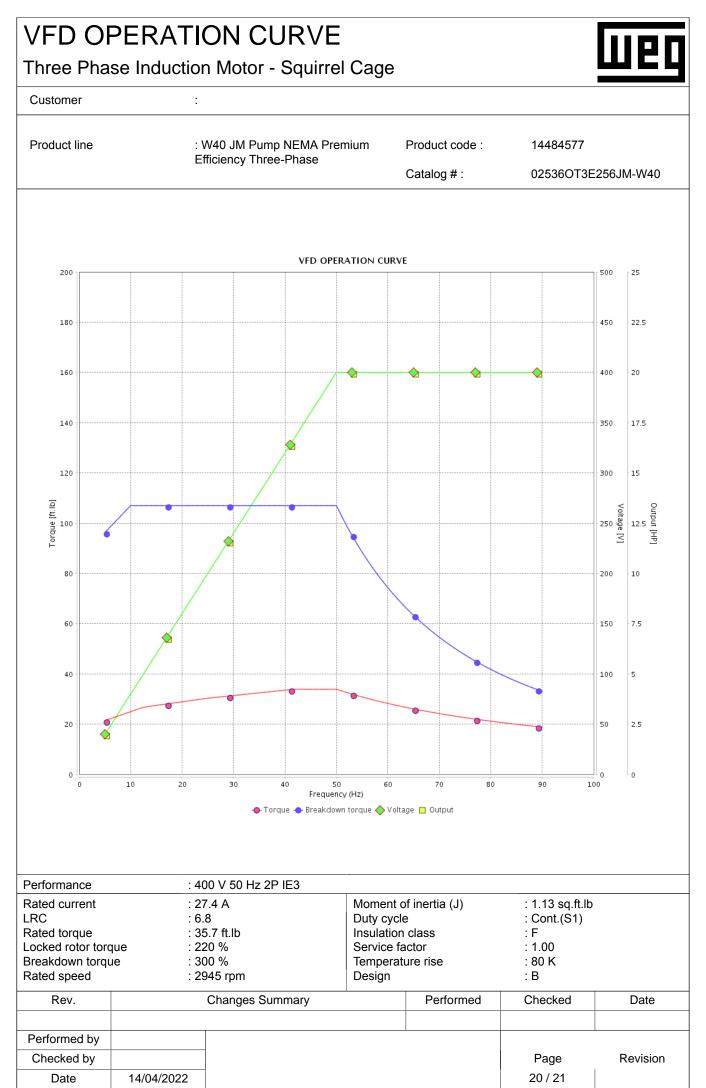




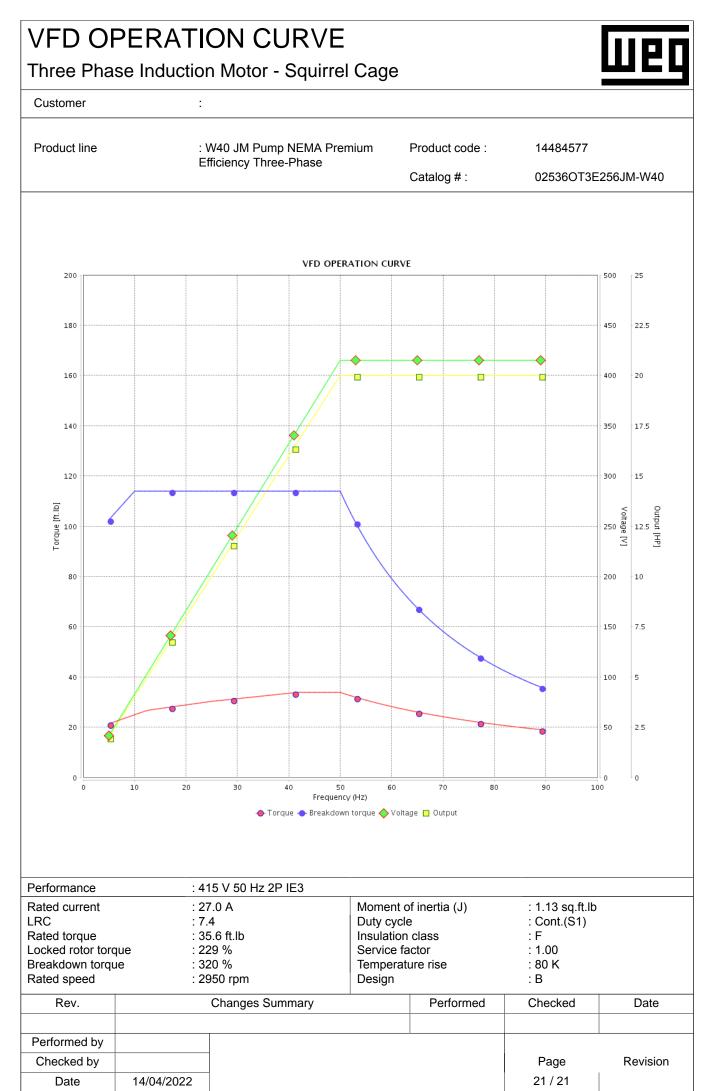
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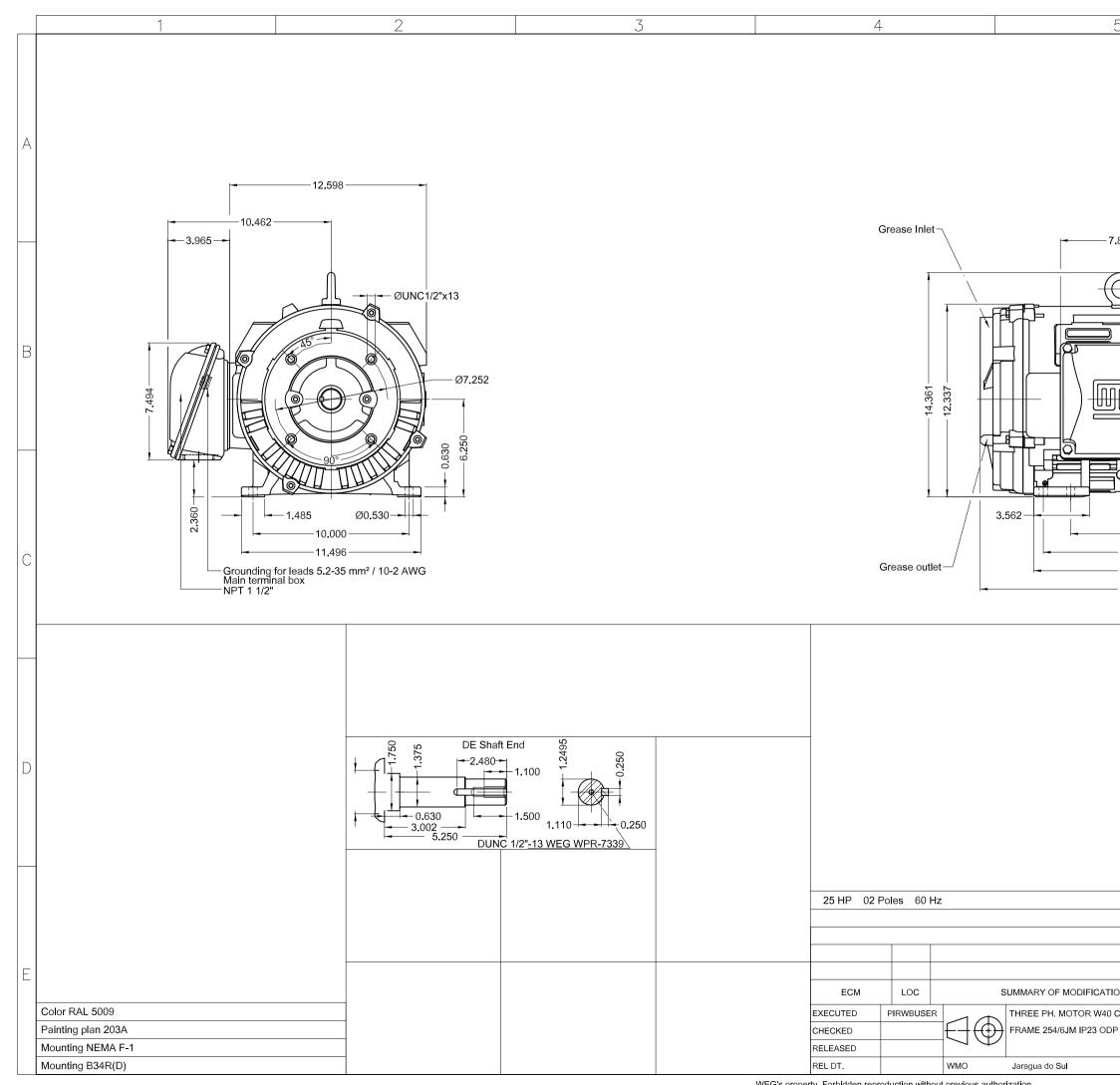
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