DATA SHEET

Three Phase Induction Motor - Squirrel Cage

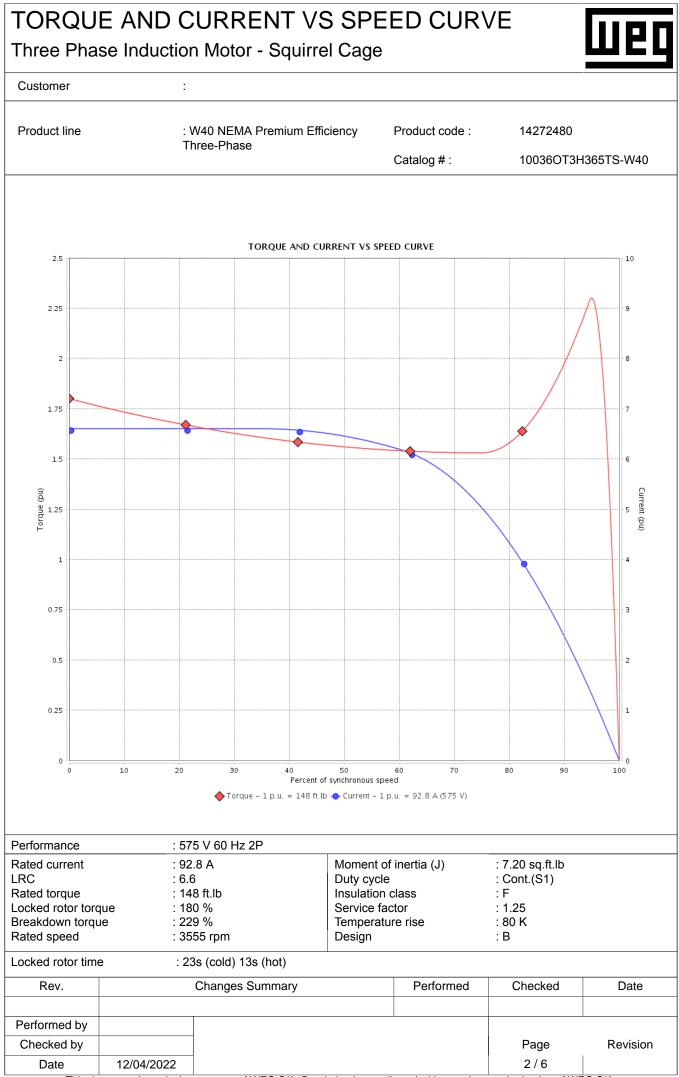
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Product line			0 NEMA Pi e-Phase	remium Efficie	ency Product co Catalog #		14272480 10036OT3F	1365TS-W40
					-			
Frame		: 364			Locked rotor time		: 23s (cold)) 13s (hot)
Output		: 100	HP (75 kV	N)	Temperature rise		: 80 K	
Poles		: 2			Duty cycle		: Cont.(S1)	
Frequency		: 60 H	Ηz		Ambient tempera	ture	: -20°C to +	
Rated voltage		: 575			Altitude		: 1000 m.a	
Rated current		: 92.8	-		Protection degree	_	: IP23	.3.1.
						5	-	
L. R. Amperes		: 612			Cooling method		: IC01 - OE	P
LRC			(Code G)		Mounting		: F-1	
No load current		: 23.6			Rotation ¹			and CCW)
Rated speed		: 355	5 rpm		Noise level ²		: 84.0 dB(A	
Slip		: 1.25	5 %		Starting method		: Direct On	Line
Rated torque		: 148	ft.lb		Approx. weight ³		: 728 lb	
Locked rotor tor	ane	: 180	%					
Breakdown torg		: 229						
Insulation class	uc	: E	70					
			-					
Service factor		: 1.25						
Moment of inert	ıa (J)) sq.ft.lb					
Design		: B						
<u></u>	050/	E00/	750/	100%	Foundation la st			
Output	25%	50%	75%	100%	Foundation loads			
Efficiency (%)	92.2	92.4	93.6	93.6	Max. traction		: 800 lb	
Power Factor	0.55	0.77	0.84	0.87	Max. compression		: 1528 lb	
			Driv	<u>ve end</u>	Non d	rive end		
Bearing type		:	63	314 C3	621	12 Z C3		
Sealing		:	Without	Bearing Seal	Without I	Bearing Sea	l	
0				•		•		
I UDDCATION INTER	Val		14	1418 n	20)000 h		
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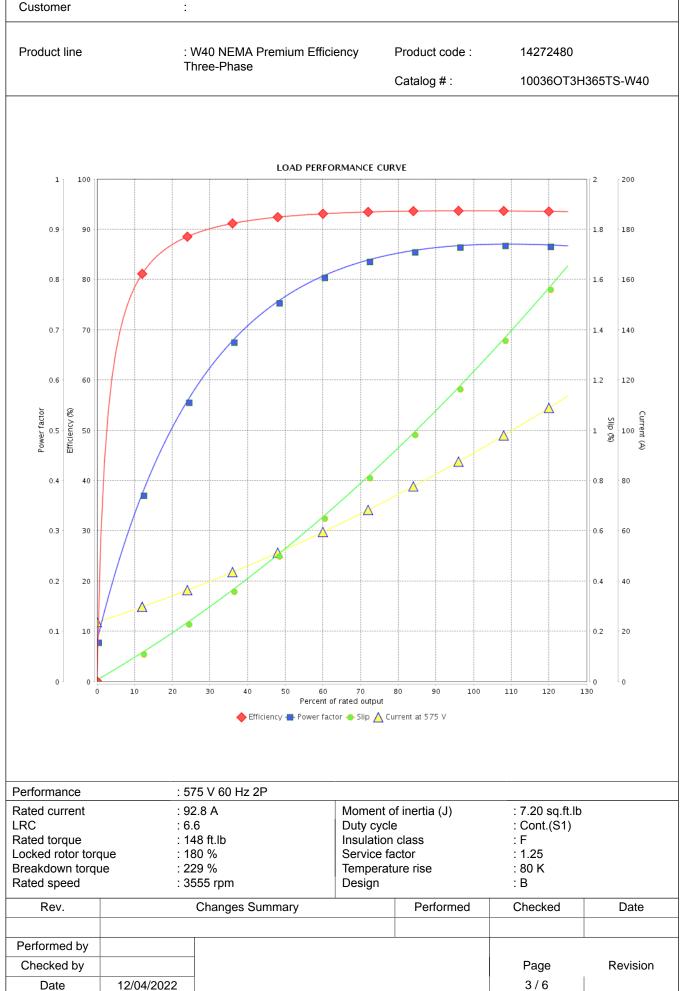
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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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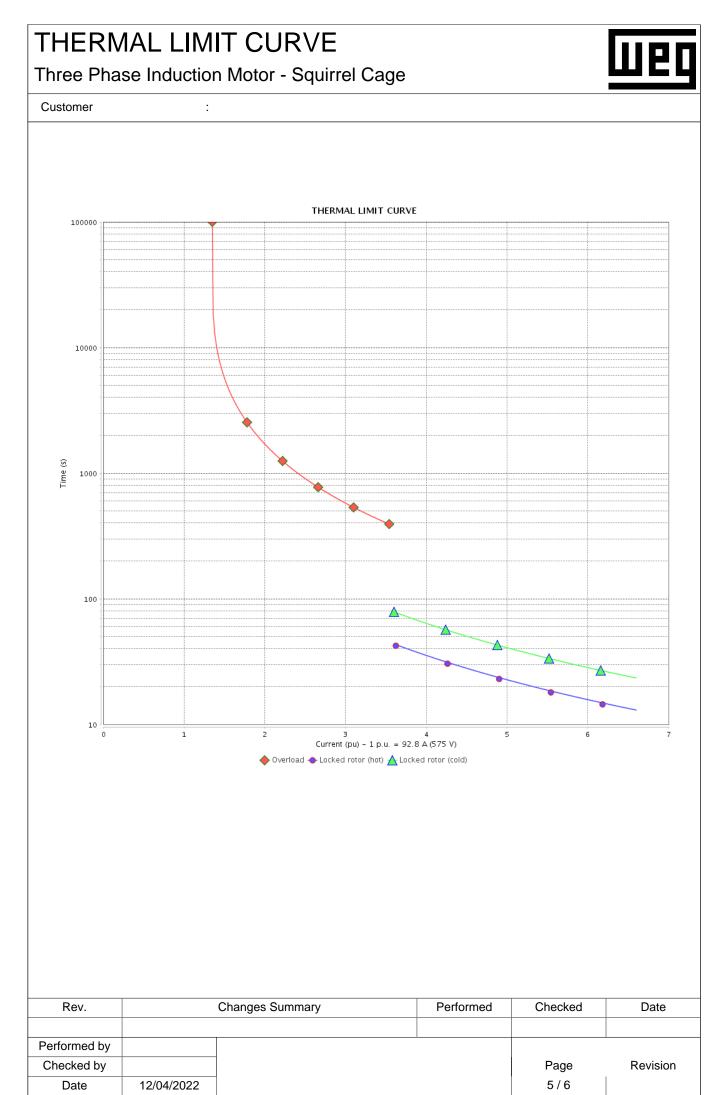
Product line	: \ TI	: W40 NEMA Premium Efficiency Three-Phase		Product code :	14272480		
				Catalog # :	10036OT3H3	65TS-W40	
Porformanco	· 5'	75 V 60 Hz 2P					
Performance Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed				class ctor	: 7.20 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constant							
Cooling constant Rev.		Changes Summary		Performed	Checked	Date	
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Performed by Checked by		-			Page	Revision	
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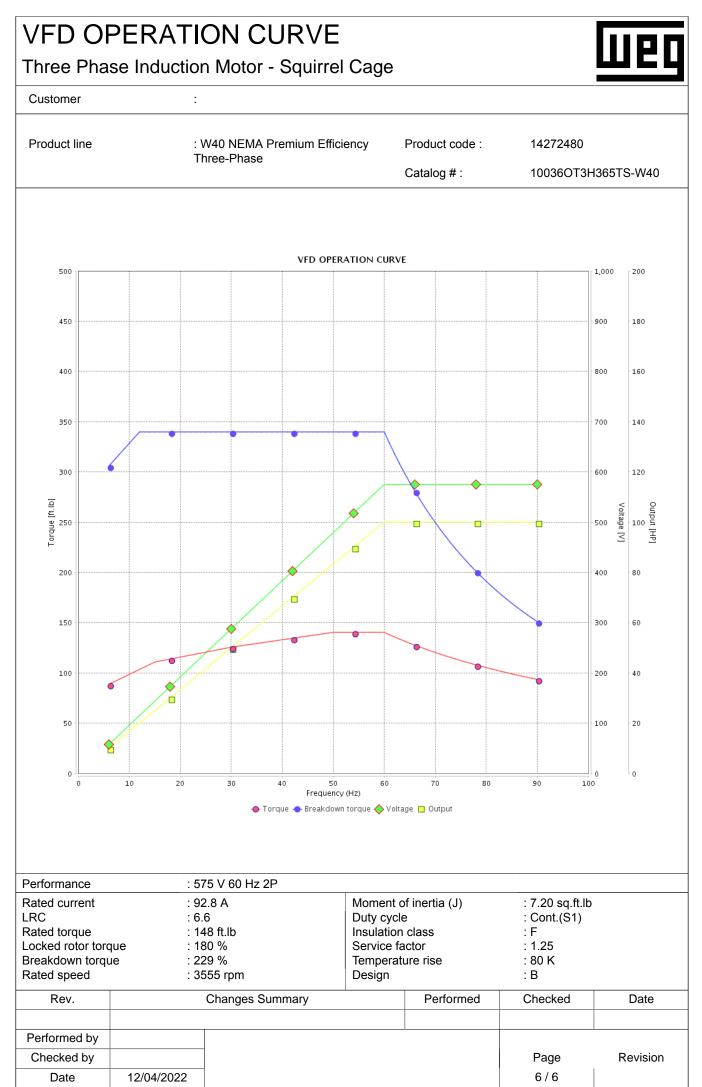
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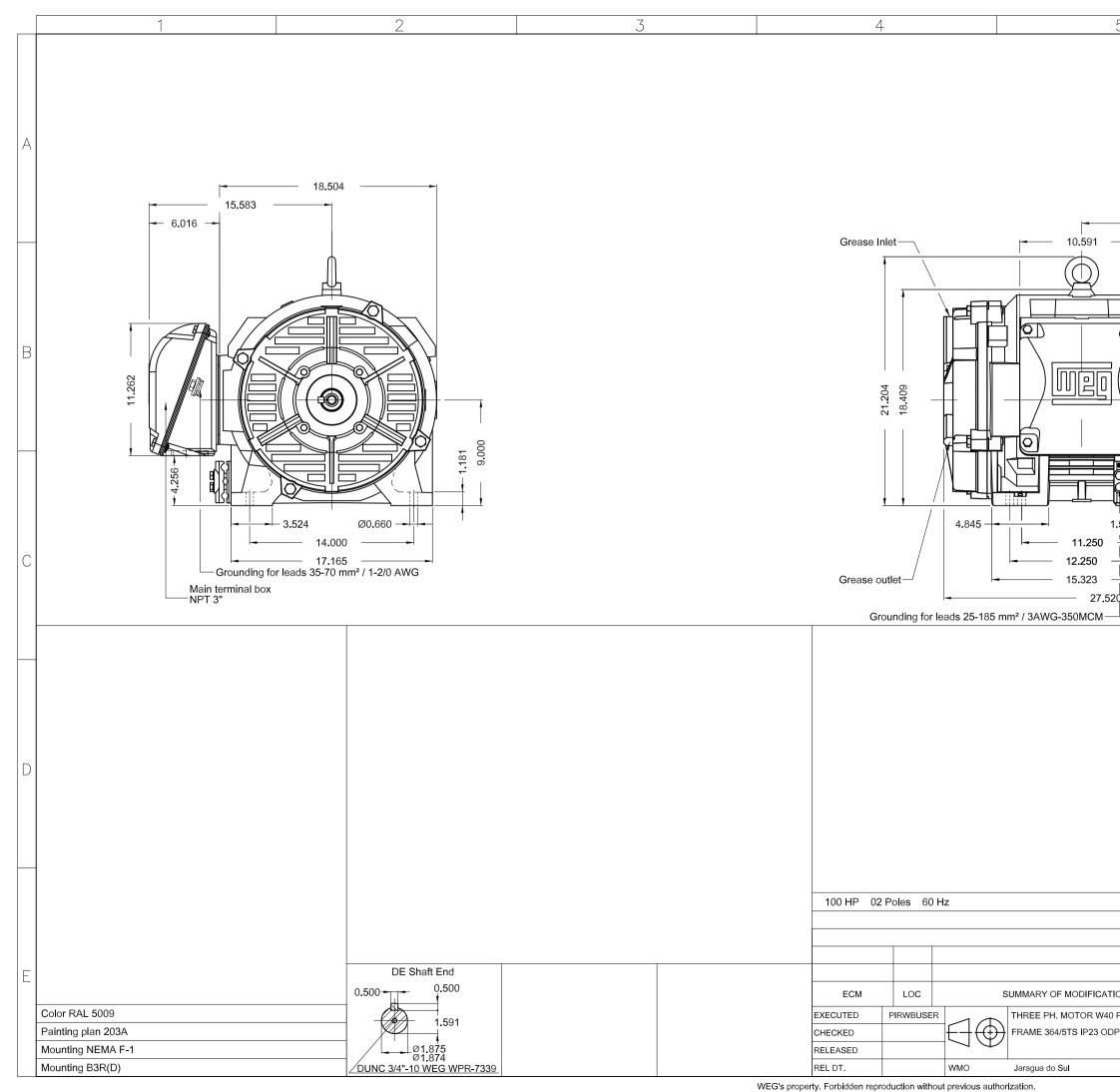
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