# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

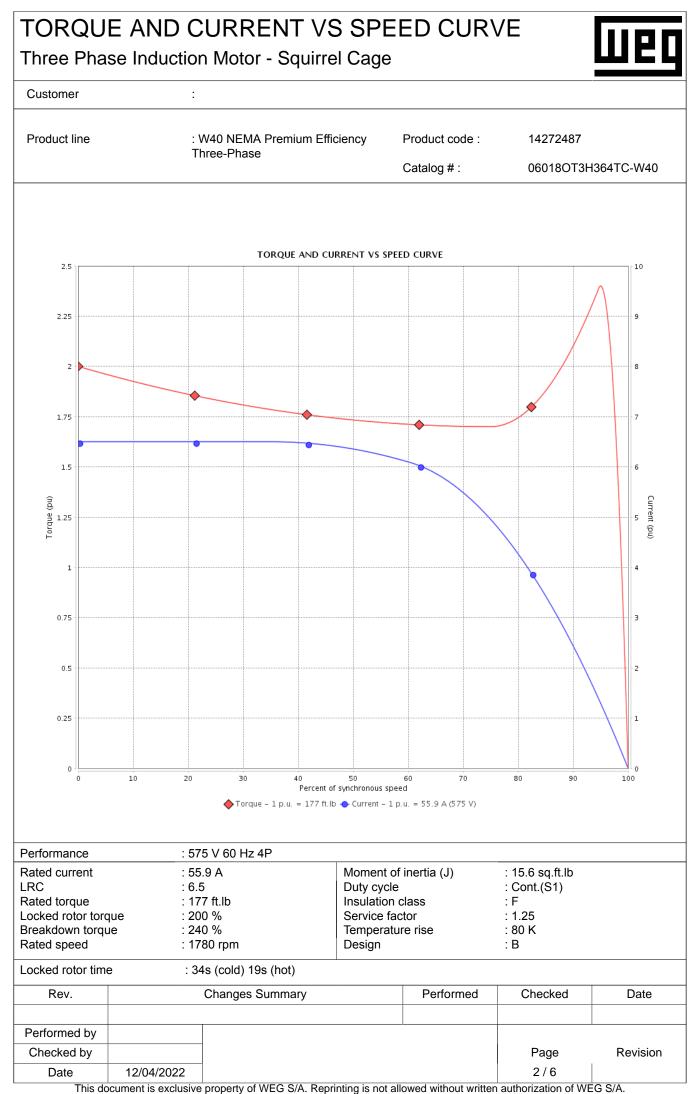
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#### Customer

Product line		: W40 NEMA Premium Efficie Three-Phase			ency Product code :		14272487	
					Catalog #	!:	06018OT3H	364TC-W40
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 4 : 60 H : 575 : 55.9 : 363 : 6.5x : 19.8 : 178 : 1.11 : 177 : 200 : 240 : F : 1.25	IP (45 kW) Iz A (Code G) A 0 rpm % ft.lb %	)	Locked rotor time Temperature rise Duty cycle Ambient tempera Altitude Protection degre Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>	ature	: 34s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 69.0 dB(A : Direct On : 769 lb	40°C s.l. P and CCW)
Dutput	25%	50%	75%	100%	Foundation loads			
Efficiency (%)	94.4	94.5	95.0	95.0	Max. traction		: 1071 lb	
Power Factor	0.48	0.73	0.82	0.85	Max. compression		: 1840 lb	
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type Notes		:	Without E 20	14 C3 Bearing Seal 000 h 27 g Mol	Without	12 Z C3 Bearing Seal 0000 h 13 g		
This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	ed. notor from t 1m and wit weight sub ocess.	the shaft e	nd. e of +3dB(	A).	These are averag power supply, sub MG-1.			
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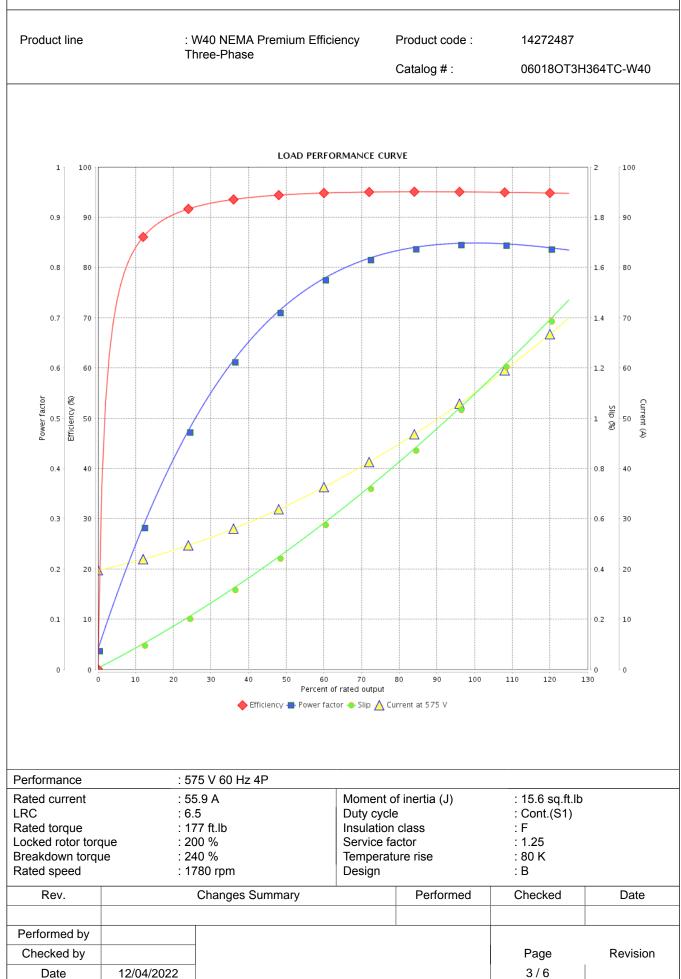
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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#### Customer



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## THERMAL LIMIT CURVE

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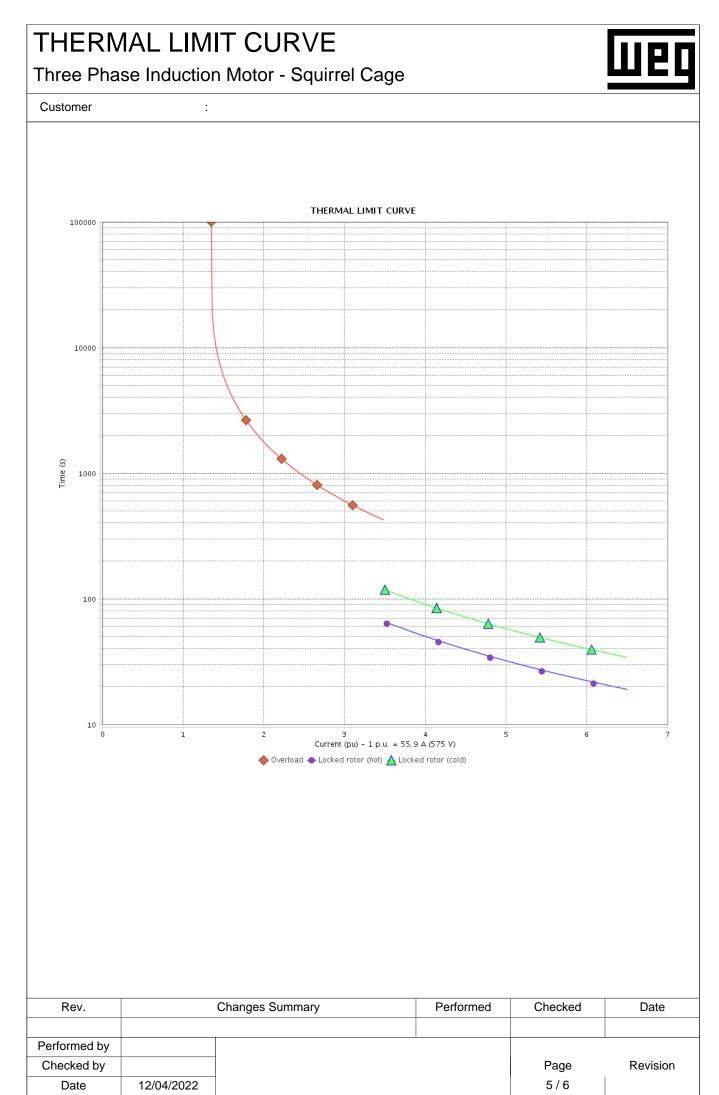
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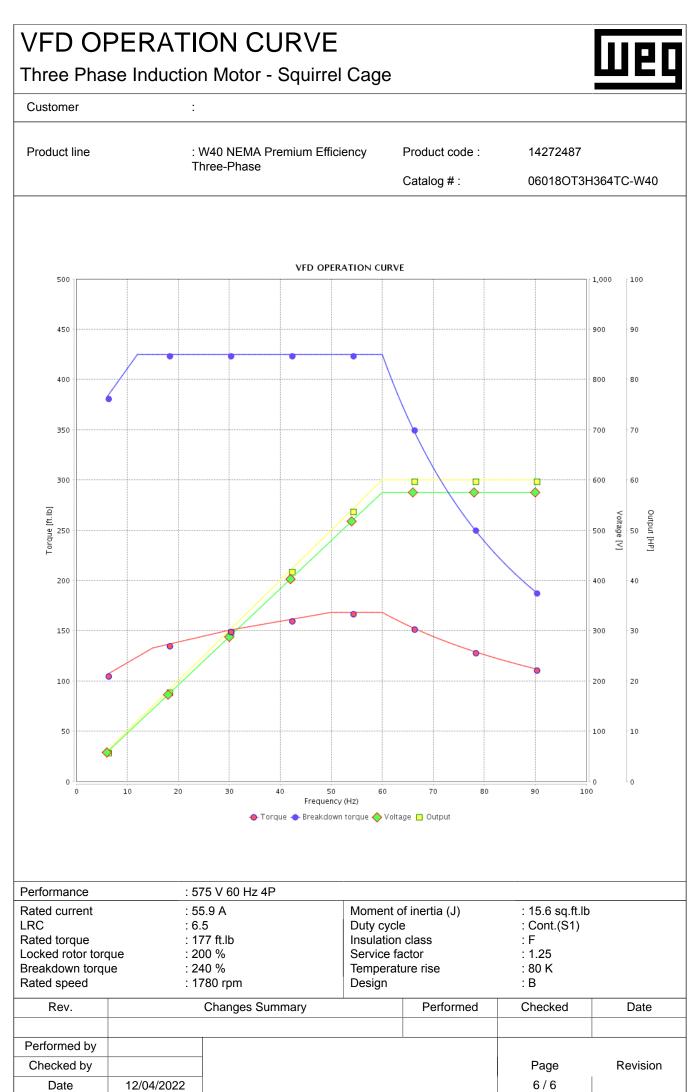
Customer

Product line	:	: W40 NEMA Premium Efficiency		Product code :	14272487		
		Three-Phase		Catalog # :		06018OT3H364TC-W40	
Performance	· F	575 V 60 Hz 4P					
Rated current		55.9 A	Moment o	f inertia (J)	: 15.6 sq.ft.lb		
LRC	: 6	6.5	Duty cycle	<b>;</b>	: Cont.(S1)		
Rated torque Locked rotor torqu		177 ft.lb 200 %	Insulation Service fa		: F : 1.25		
Breakdown torque	e :2	240 %	Temperatu		: 80 K		
Rated speed		1780 rpm	Design		: B		
Heating constant							
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
		1					
Performed by		_					
Checked by					Page	Revision	
Date	12/04/2022				4/6		

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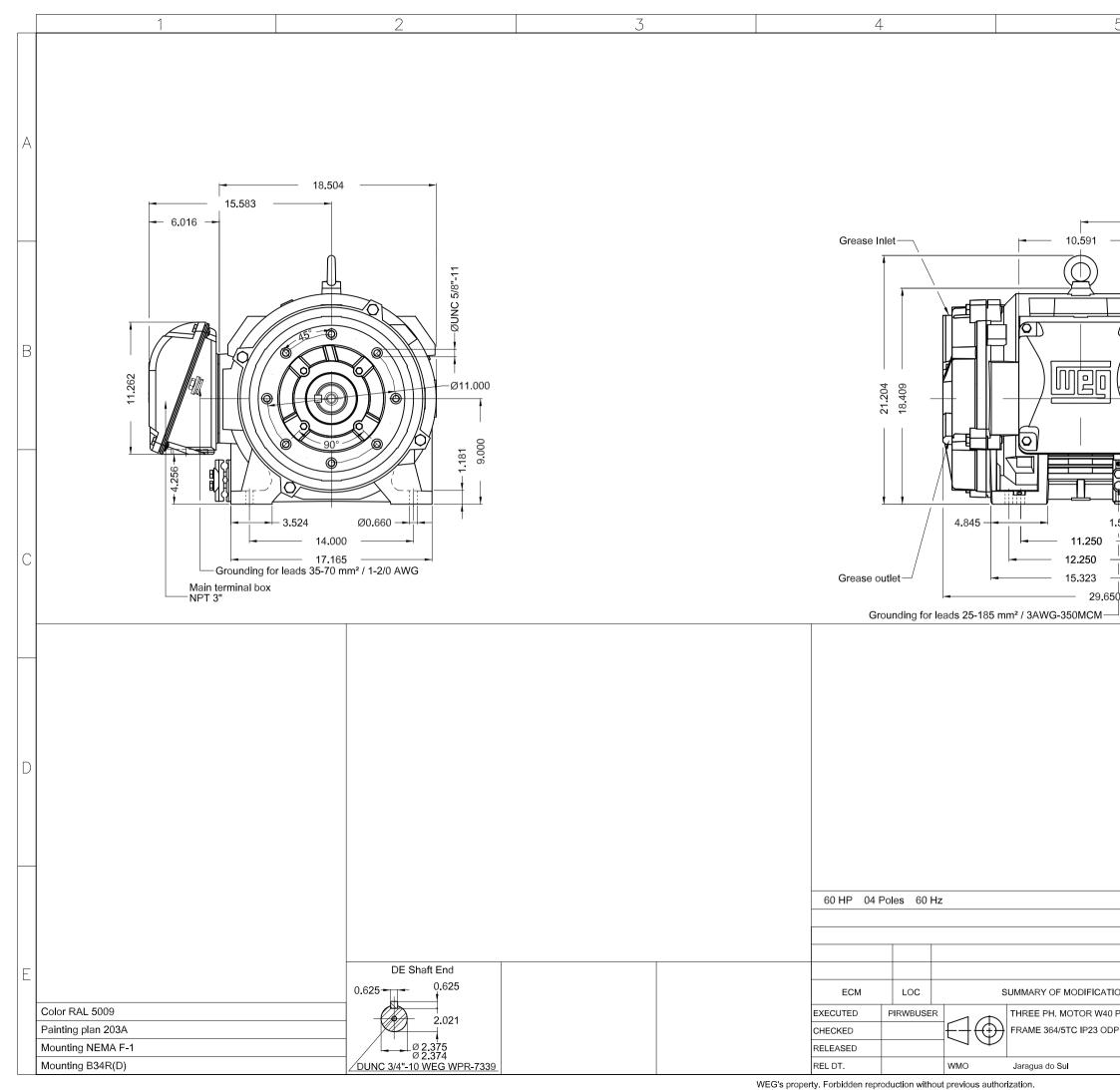


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5	C	
	Grease Inlet	
	0.250	Saf
	A 	Dimensions in inches
IONS EXECU PREM. EFF. P Product Engineeri		XME A3

