# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

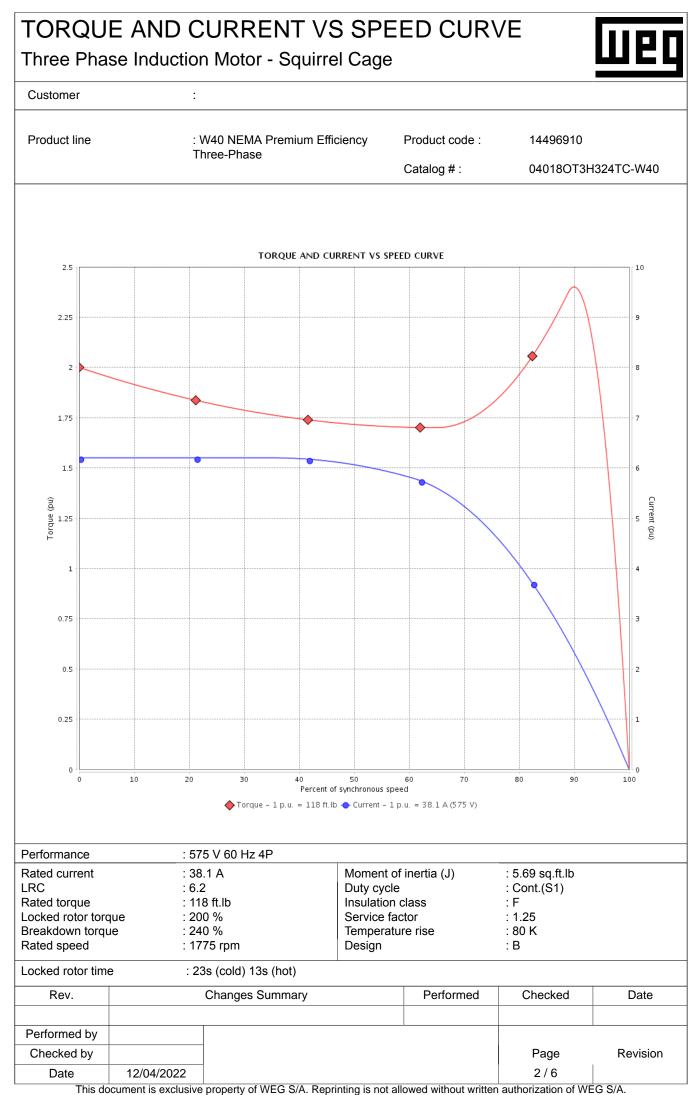
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#### Customer

Product line		: W40 NEMA Premium Efficie Three-Phase			-		14496910 04018OT3H324TC-W40	
						Catalog # :	04018013H	32410-9940
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torqu Breakdown torqu Insulation class Service factor Moment of inertia Design	ie	: 4 : 60 F : 575 : 38.1 : 236 : 6.2x : 14.8 : 177 : 1.39 : 118 : 200 : 240 : F : 1.25	IP (30 kW) Iz V A (Code G) A 5 rpm 9 % ft.lb % %	)	Tempera Duty cyc Ambient Altitude	temperature on degree method g <sup>1</sup> vel <sup>2</sup> method	: 23s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 66.0 dB(A : Direct On : 463 lb	40°C s.l. P and CCW)
-	250/		75%	100%	Foundatio	n loodo		
Output Efficiency (%) Power Factor	25% 93.5 0.44	50% 93.6 0.70	94.1 0.80	94.1 0.84	Max. tract	ion		
Bearing type Sealing Lubrication interv		:	20	Bearing Seal 000 h		Without Bearing \$ 20000 h	Seal	
Lubricant amoun Lubricant type Notes	t	:		21 g Mol	bil Polyrex I	11 g EM		
Lubricant type	aces and o d. otor from m and wit veight sub ocess.	the shaft e	previous o nd. e of +3dB( <i>i</i>	Mol	These are			
Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	aces and o d. otor from m and wit veight sub ocess.	the shaft e th tolerance ject to cha	previous o nd. e of +3dB( <i>i</i>	me, which A).	These are power su	EM		

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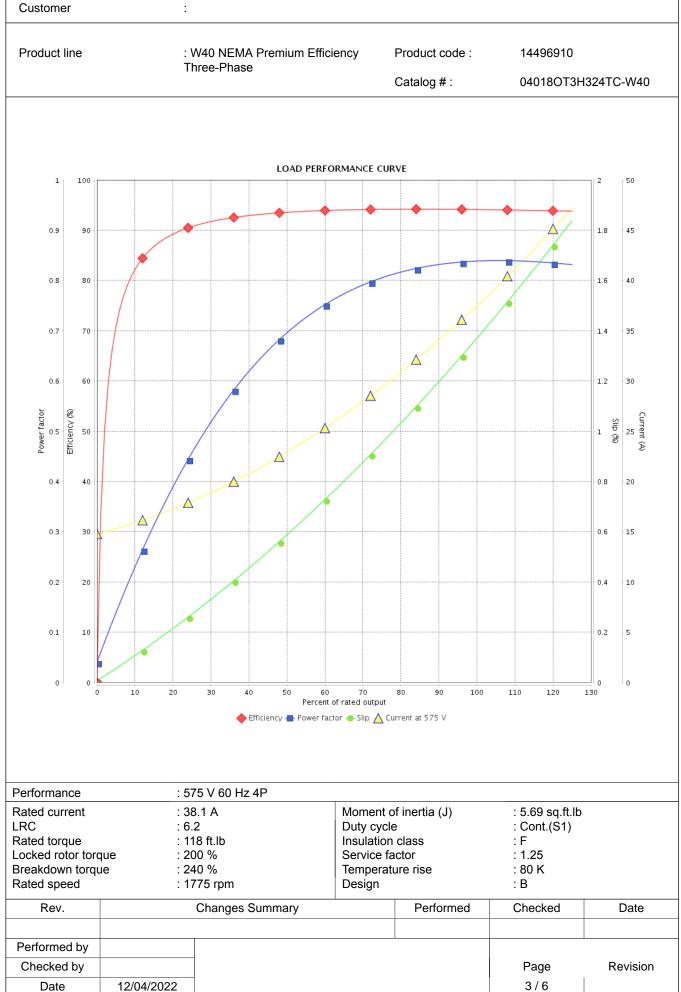
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## LOAD PERFORMANCE CURVE

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#### Customer



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### THERMAL LIMIT CURVE

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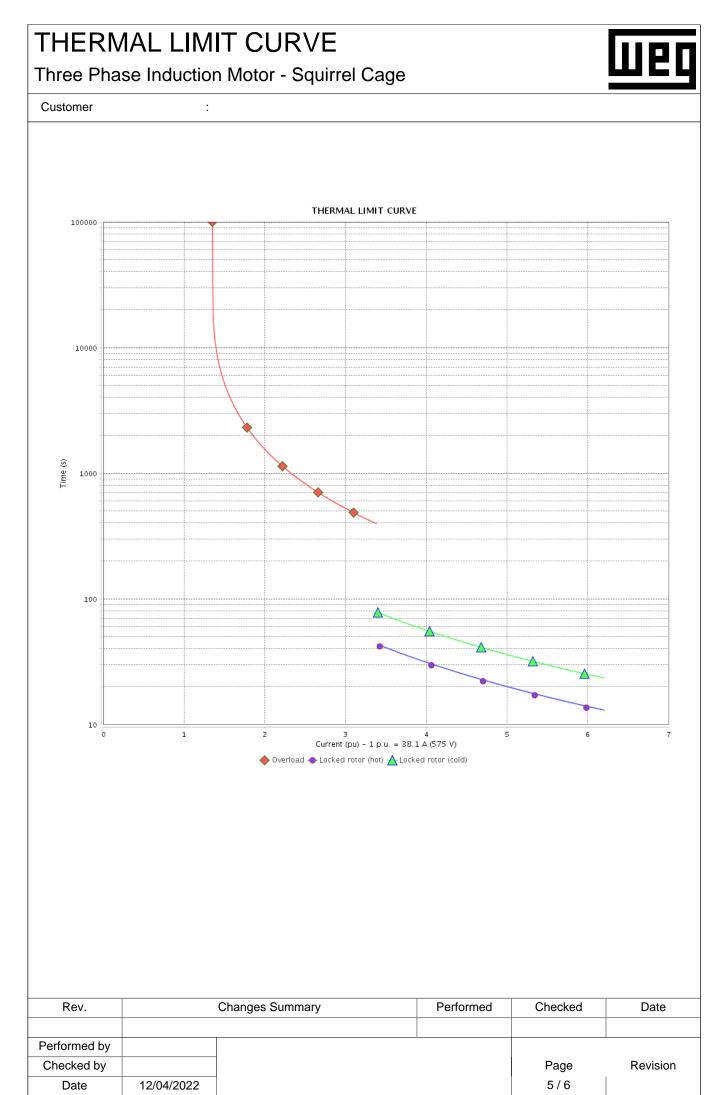
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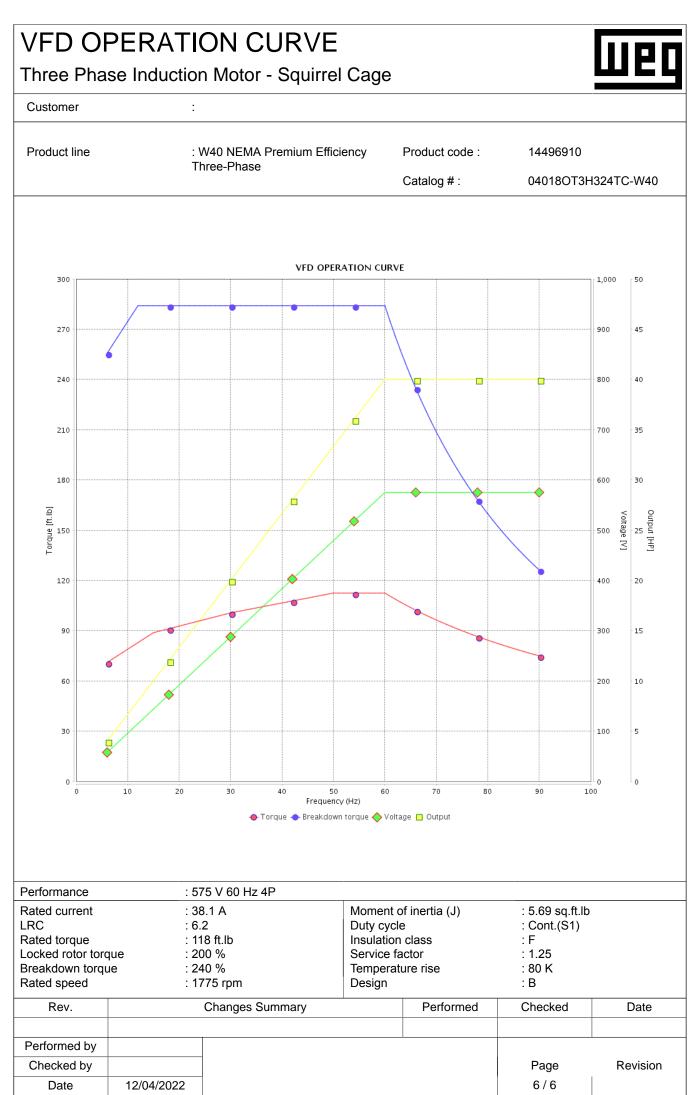
Customer

Product line	: W40 NEMA Premium Efficier Three-Phase		ency	Product code :	14496910	
	I			Catalog # :	04018OT3H324TC-W40	
Performance						
Rated current: 38.1 ALRC: 6.2Rated torque: 118 ft.lbLocked rotor torque: 200 %Breakdown torque: 240 %Rated speed: 1775 rpm		.2 18 ft.lb 00 % 40 %	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 5.69 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant	t					
Cooling constant				, ,		
Rev.		Changes Summary		Performed	Checked	Date
Dorformed by						
Performed by Checked by		-			Page	Revision
Date	12/04/2022	-			Fage 4/6	
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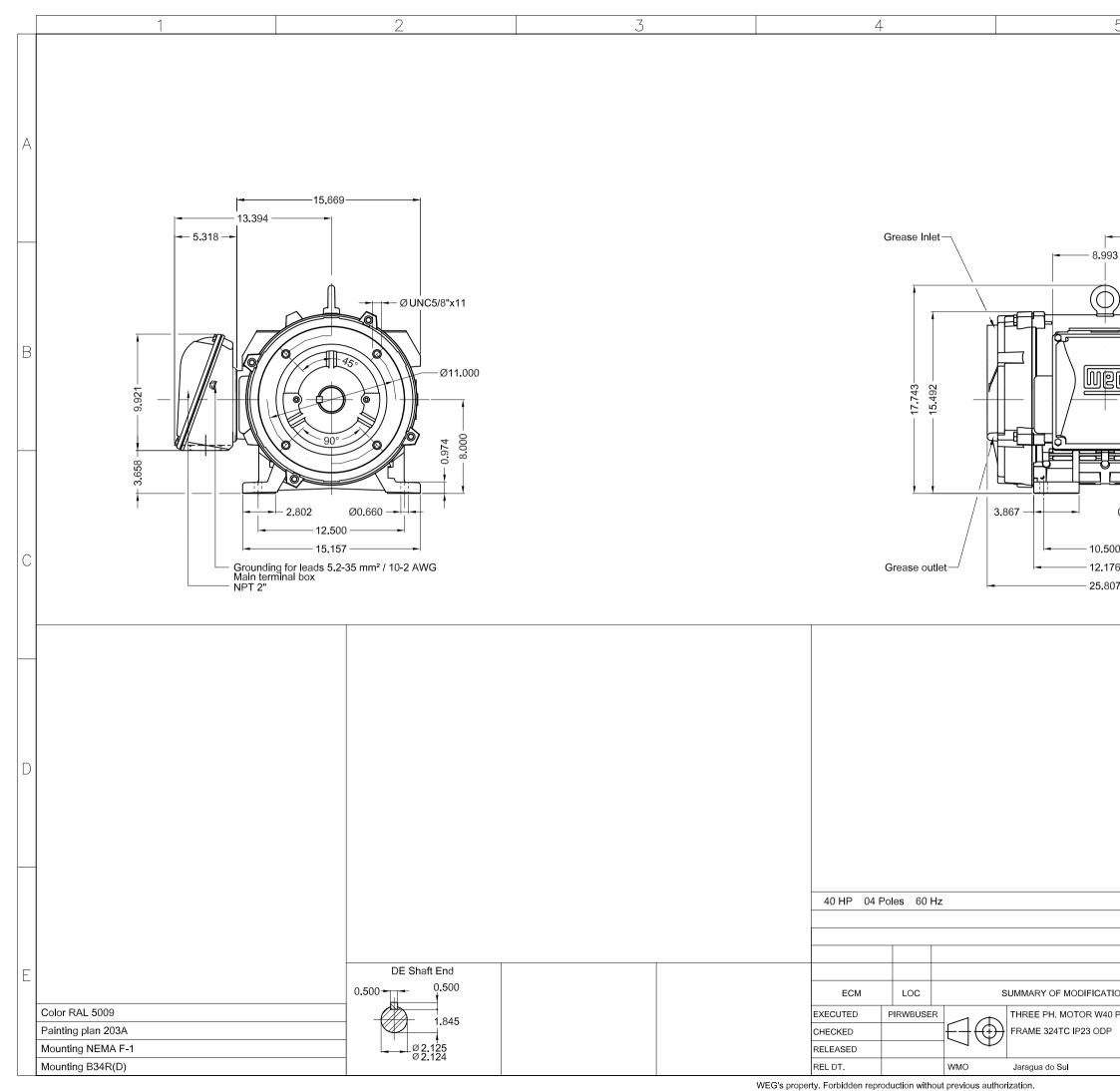
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