DATA SHEET

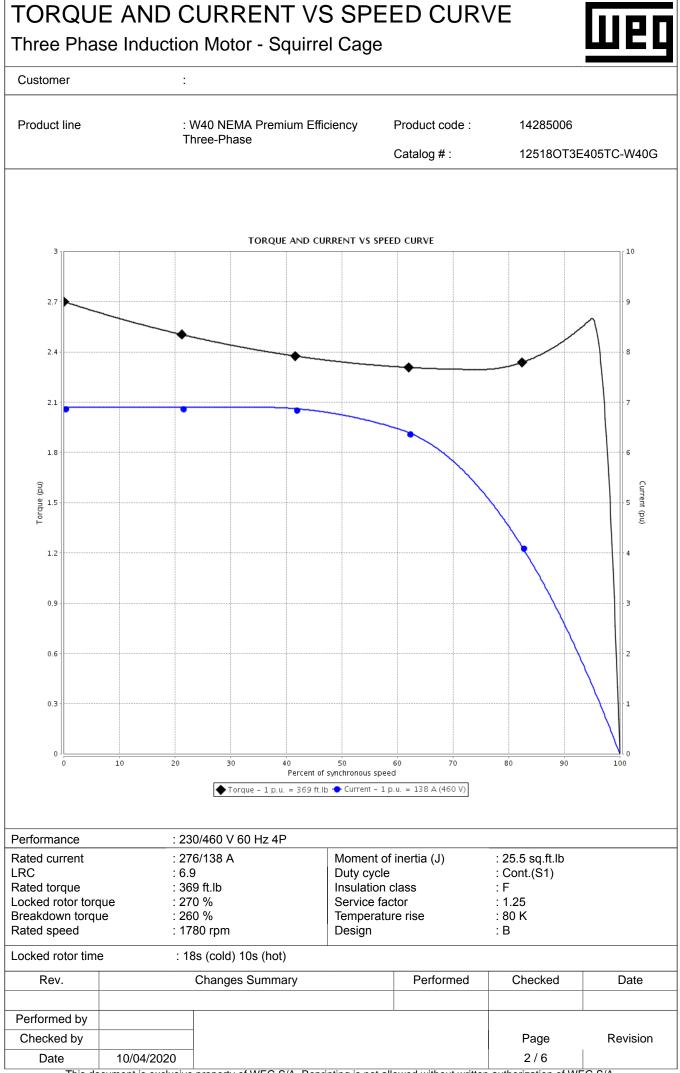
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		: W40 NEMA Premium Efficier Three-Phase			ency Product code :	14285006	14285006	
			-1 11030		Catalog # :	12518OT3E	405TC-W40G	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque		: 276/ : 1904 : 6.9x : 94.0 : 1780 : 1.11 : 369 : 270 : 260	HP HZ (460 V (138 A 4/952 A 4/952 A (Code G))/47.0 A 0 rpm % ft.lb %		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: 18s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a.: : IP23 : IC01 - OD : F-1 : Both (CW : 69.0 dB(A : Direct On : 1072 lb	40°C s.l. P and CCW)	
Insulation class Service factor Moment of inertia Design	a (J)	: F : 1.25 : 25.5 : B	5 5 sq.ft.lb					
Dutput	25%	50%	75%	100%	Foundation loads			
Efficiency (%) Power Factor	94.9 0.50	95.0 0.75	95.4 0.83	95.4 0.86	Max. traction Max. compression	: 2869 lb : 3941 lb		
Bearing type Sealing Lubrication interv		:		earing Seal 00 h	6212 Z C3 Without Bearing 20000 h	Seal		
Lubricant type		1.15 SFA 3			13 g bil Polyrex EM			
Lubricant type Notes JSABLE @208V This revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro	305A SF aces and o ed. iotor from Im and with weight sub ocess.	cancel the the shaft e th tolerance	351A previous on nd. e of +3dB(A)	e, which				
Lubricant type Notes JSABLE @208V This revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro	305A SF aces and o ed. iotor from Im and with weight sub ocess.	cancel the the shaft e th tolerance	351A previous on nd. e of +3dB(A)	e, which	bil Polyrex EM These are average values power supply, subject to the			
Lubricant amour Lubricant type Notes JSABLE @208V This revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful Rev. Performed by Checked by	305A SF aces and o ed. iotor from Im and with weight sub ocess.	cancel the the shaft e th tolerance	351A previous on nd. e of +3dB(A) nges after	e, which	These are average values power supply, subject to the MG-1.	e tolerances stipu	lated in NEMA	

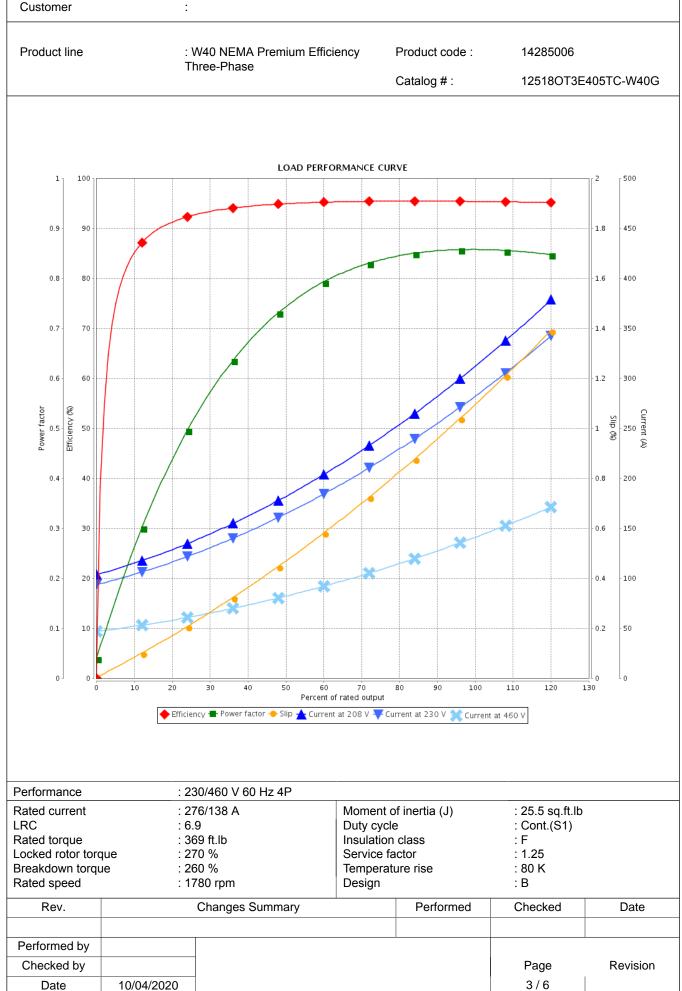
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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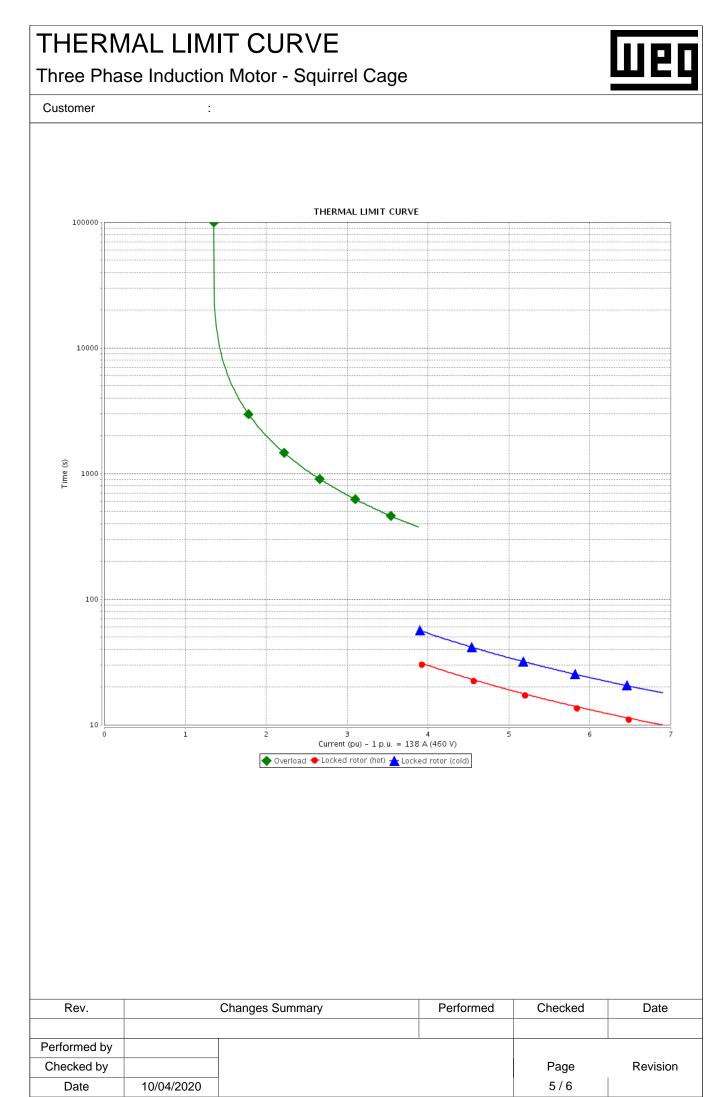
Three Phase Induction Motor - Squirrel Cage

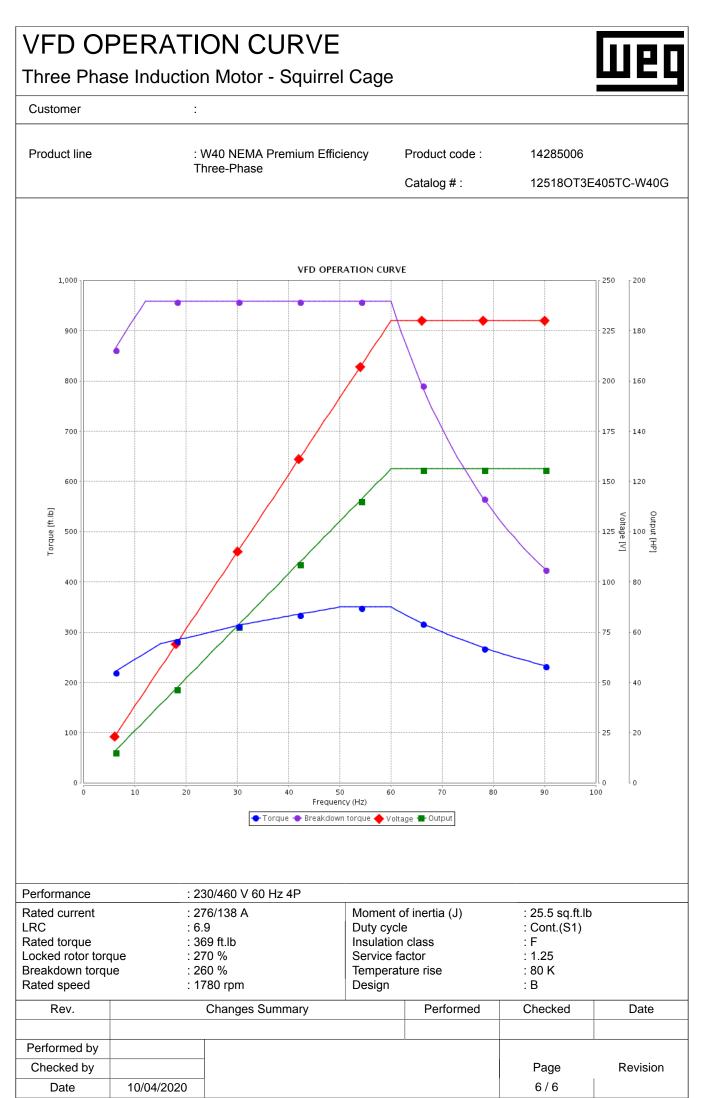
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Customer

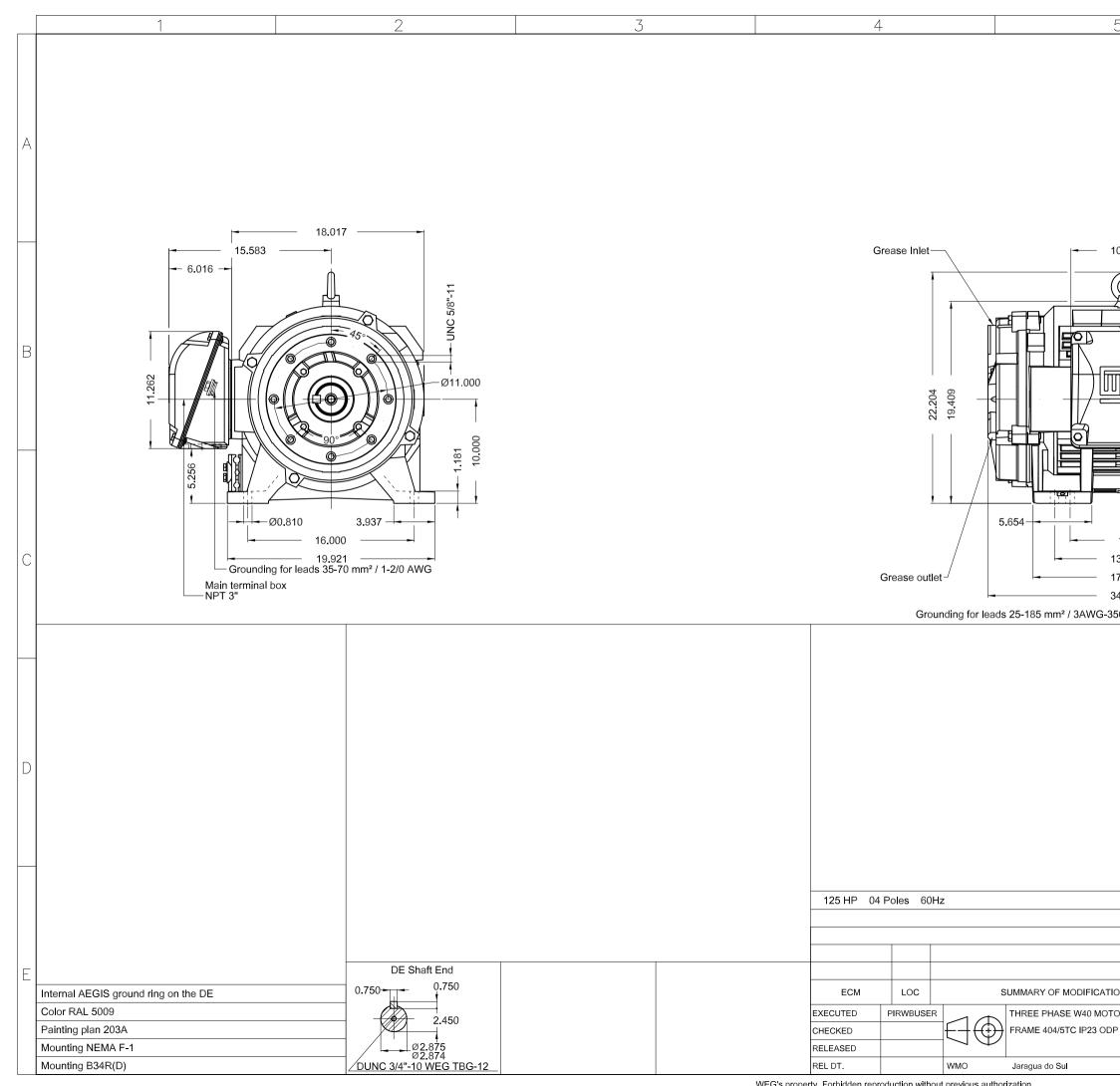
Product line		: W40 NEMA Premium Efficiency Three-Phase		Product code :	14285006	14285006	
				Catalog # :	12518OT3E4	12518OT3E405TC-W40G	
Performance		230/460 V 60 Hz 4P					
LRC Rated torque Locked rotor torque Breakdown torque		: 6.9 Dut : 369 ft.lb Insu : 270 % Ser : 260 % Ten		f inertia (J) class ictor ure rise	: 25.5 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	: Cont.(S1) : F : 1.25	
Heating constant			Design		. ບ		
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by							
Checked by					Page	Revision	
Date	10/04/2020				4/6		





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Produc	t Engineering	SHEET	1 / 1			XME