DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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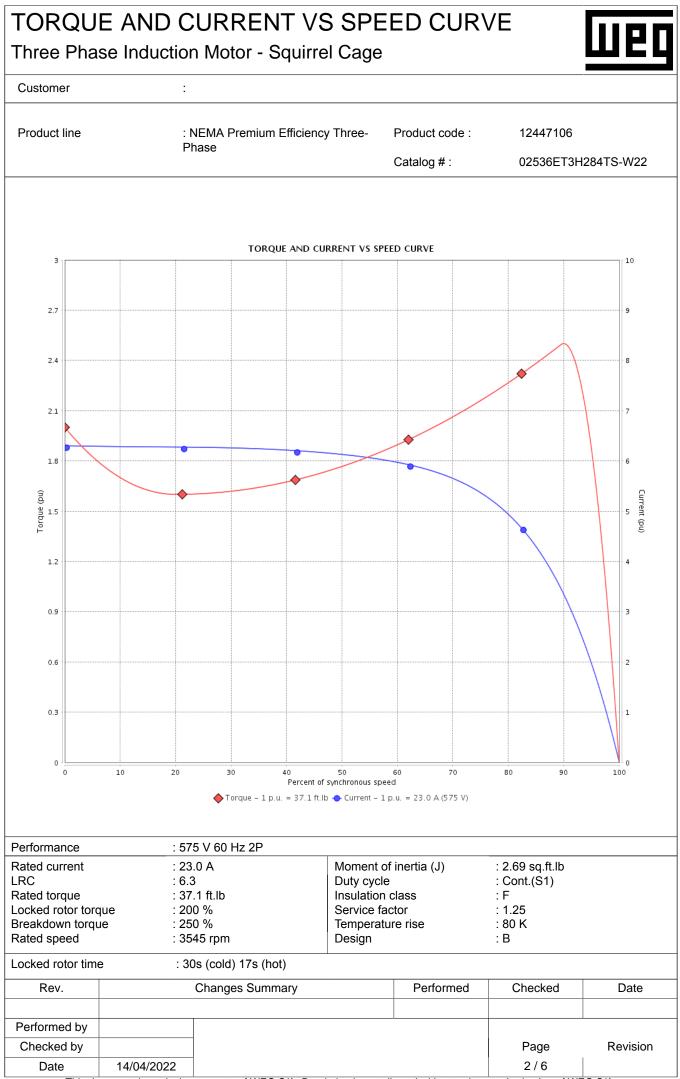


Frame : 284/6TS Output : 25 HP (18.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 575 V Rated voltage : 575 V Rated voltage : 633 (Codel G) No load current : 6.33 (Codel G) I.R. Amperes : 145 A Locked rotor torque : 00 % Sip : 1.53 % Sip : 1.53 % Sip : 1.53 % Rated torque : 2.69 sq. ft.lb Design : 2.69 sq. ft.lb Design : 1.25 Moment of inertia (J) : 2.69 sq. ft.lb Design : 1.25 Moment of inertia (J) : 2.69 sq. ft.lb Design : 1.63 % Starting method : 202 lb Power Factor : 50% Power Factor : 2.69 sq. ft.lb Design : 1.25 Moment of inertia (J) : 2.69 sq. ft.lb Design : 1.25 Moment of inertia (J) : 2.69 sq. ft.lb Design : 1.25 Monet reactor : 202 lb Power Factor : 1.26 Max.compression (Starting the interval int	Product line		: NEM Phas		Im Efficiency		Product code :	12447106 02536ET3H	128475 11/22
Dutput 25% 50% 75% 100% Foundation loads Cutput 25% 50% 75% 100% Max. traction : 204 lb Power Factor 0.55 0.79 0.86 0.88 Max. compression : 602 lb Bearing type : 6311 C3 6211 C3 Sealing VRing VRing Lubrication interval : 14000 h 17000 h 1000 h 1000 h Lubrication interval : 18 g 11 g 11 g Lubrication type : Mobil Polyrex EM Notes	Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torqu Insulation class Service factor Moment of inerti	que ue	25 H 2 60 H 5755 23.0 145 6.3 6.40 354 1.53 37.1 200 250 5 F 1.25 2.65	HP (18.5 k Hz) A A ((Code G)) A 5 rpm 3 % 1 ft.lb % %	W)	Locked Temper Duty cy Ambier Altitude Protect Cooling Mountin Rotatio Noise I Starting	rature rise rcle it temperature ion degree g method ng n ¹ evel ² g method	: 30s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TF : F-1 : Both (CW : 72.0 dB(A : Direct On	17s (hot) -40°C .s.l. EFC and CCW)
This revision replaces and cancel the previous one, which must be eliminated. Max. traction : 204 lb This revision replaces and cancel the previous one, which must be eliminated. Max. traction : 204 lb This revision replaces and cancel the previous one, which must be eliminated. Mobil Polyrex EM Year Mobil Polyrex EM This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoid power supply, subject to the tolerances stipulated in NI MG-1. Year Year Year Year Year Y									
Power Factor 0.55 0.79 0.86 0.88 Max. compression : 602 lb Bearing type : 6311 C3 6211 C3 6211 C3 Sealing : VRing VRing Lubrication interval : 14000 h 17000 h Lubricant amount : 18 g 11 g Lubricant type : Mobil Polyrex EM Notes Motil Polyrex EM This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoir power supply, subject to the tolerances stipulated in NI (1) Looking the motor from the shaft end. (2) Measured at 1 m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 10% of full load. Exercise Performed Checked Date of the previous on the previous on the previous on the process. (2) Measured at 1 m and with tolerance of +3dB(A). State of the tolerances stipulated in NI (2) Approximate weight subject to changes after manufacturing process. Performed Checked Date of the tolerance o	Output							00 4 1	
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must be eliminated. power supply, subject to the tolerances stipulated in NI (1) Looking the motor from the shaft end. mover supply, subject to the tolerances stipulated in NI (2) Measured at 1m and with tolerance of +3dB(A). MG-1. (3) Approximate weight subject to changes after manufacturing process. MG-1. (4) At 100% of full load. Performed Checked Date Performed by Performed by Performed Checked Date	Lubricant type		:			bil Polyrex			
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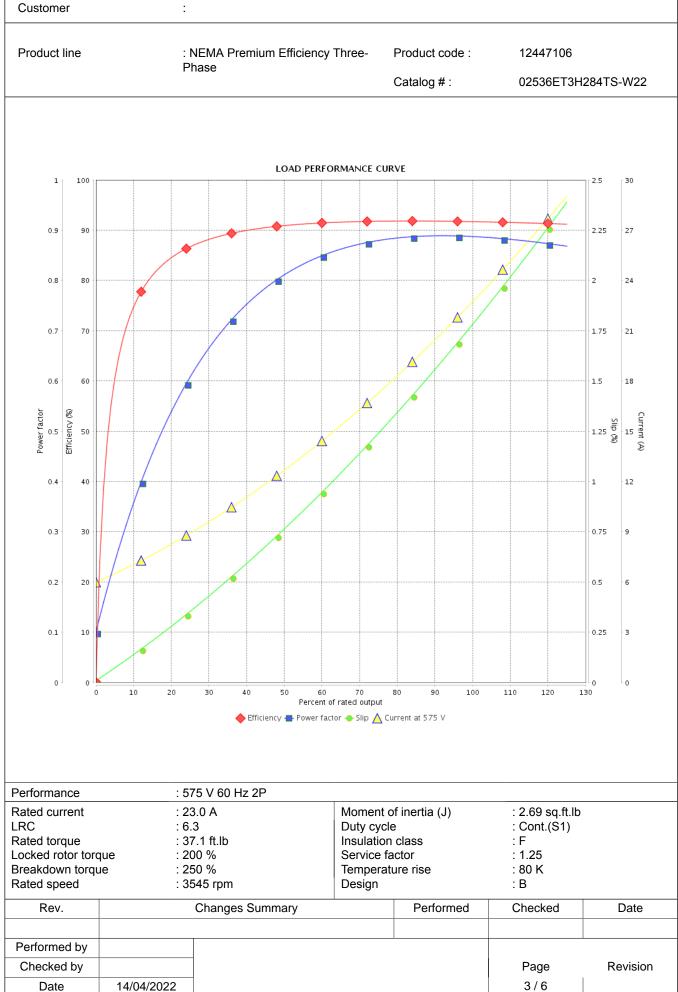
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer

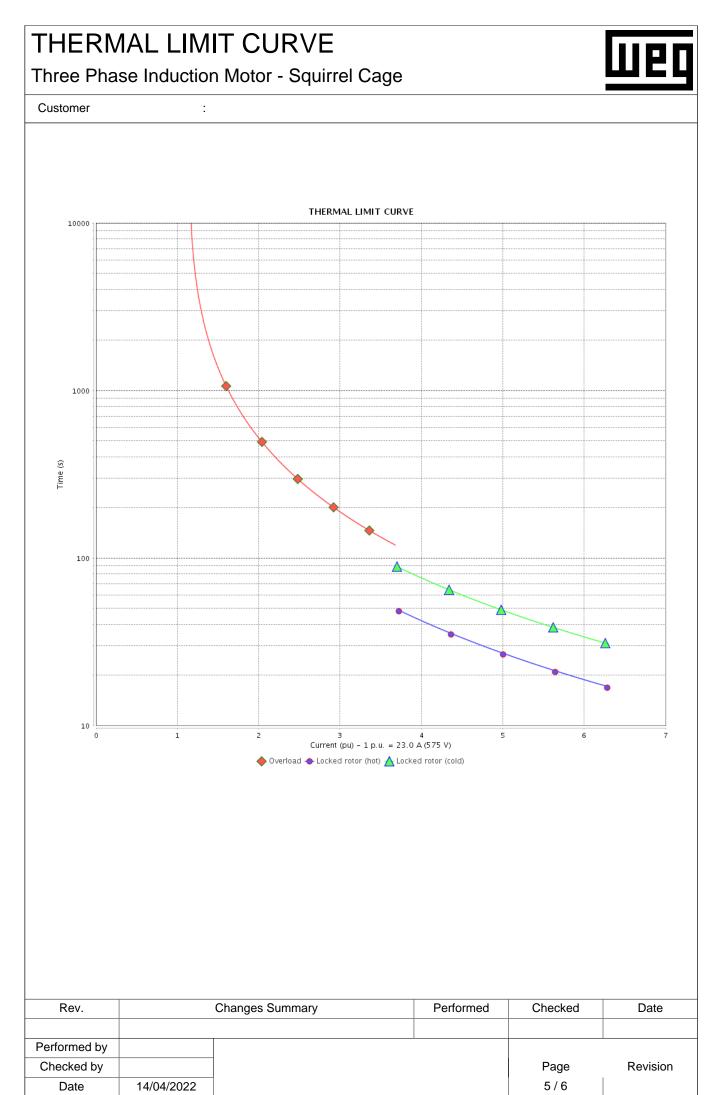


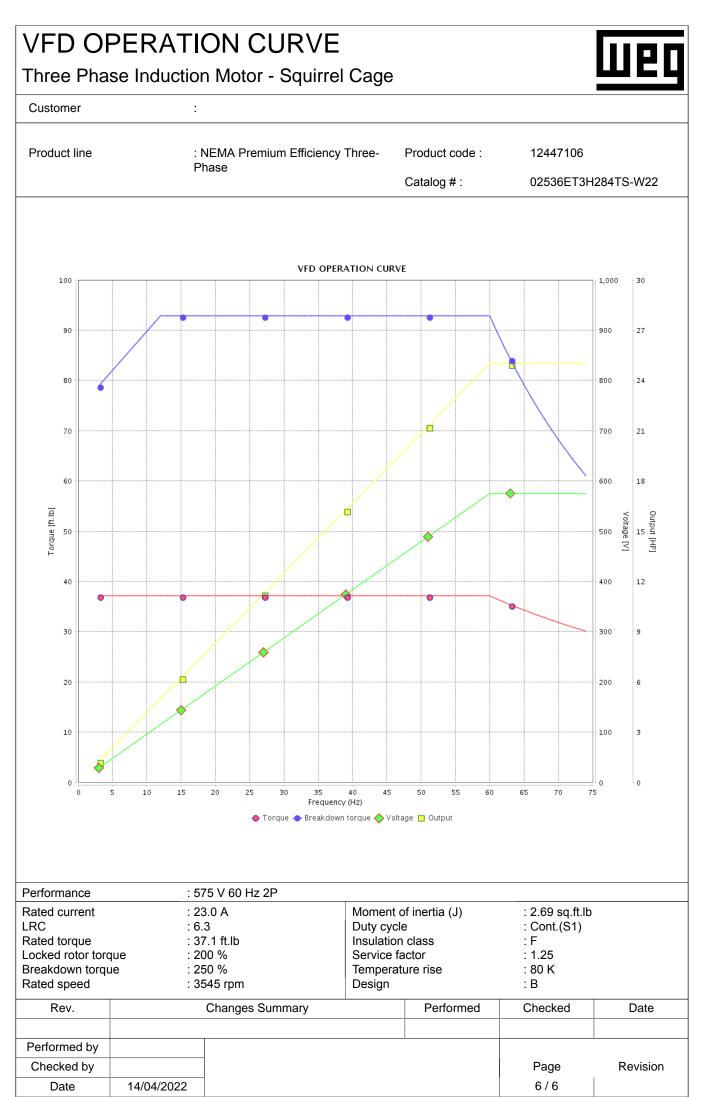
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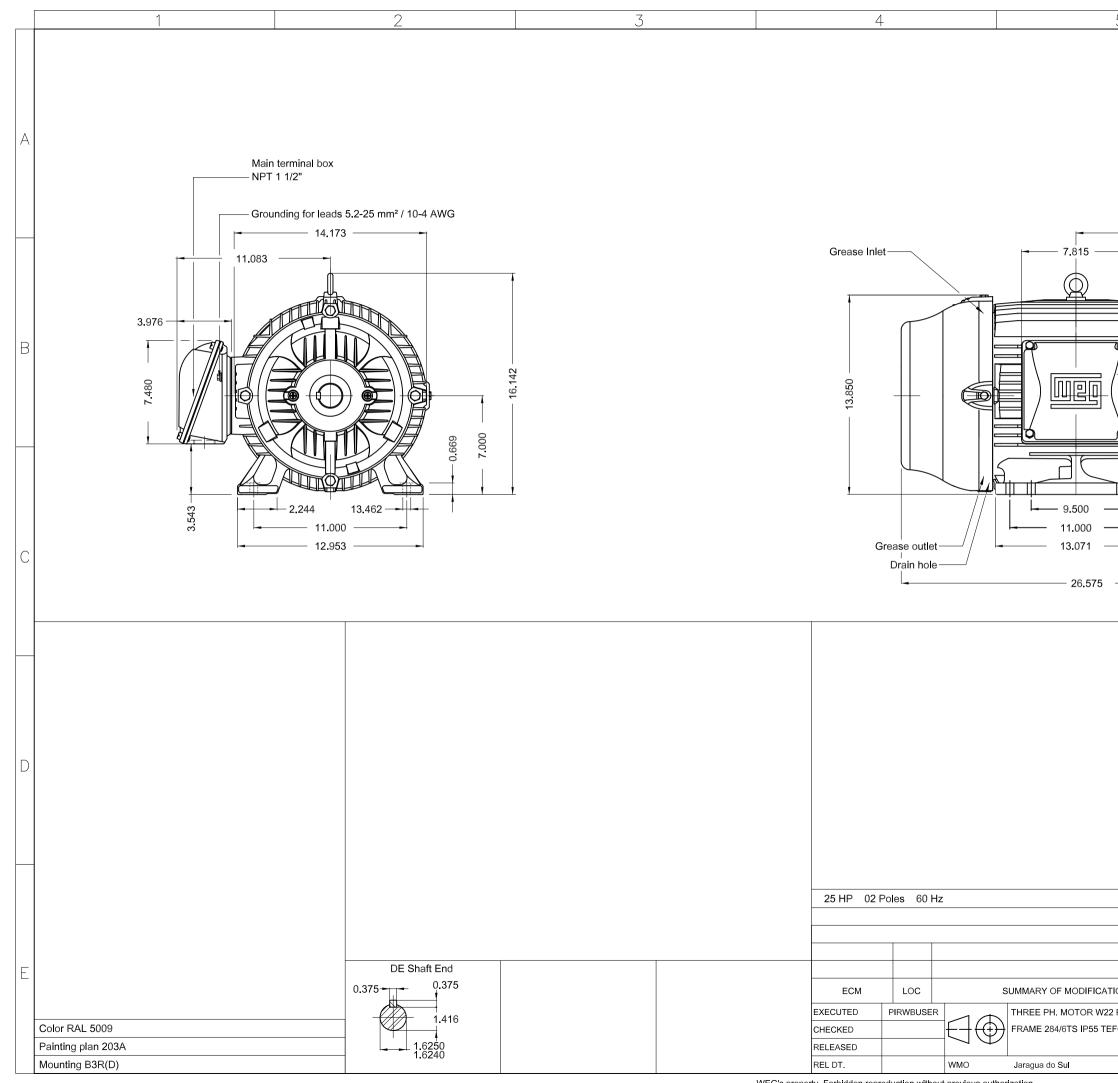
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Customer	:				
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12447106		
		Catalog # :	02536ET3H284TS-W22		

Performance	: 5	75 V 60 Hz 2P				
Rated current	: 2	3.0 A	Moment o	f inertia (J)	: 2.69 sq.ft.lb	
LRC	: 6	.3	Duty cycle	;	: Cont.(S1)	
Rated torque	: 3	7.1 ft.lb	Insulation		: F `´	
Locked rotor tor	que : 2	00 %	Service fa	ctor	: 1.25	
Breakdown torqu	.e :2	50 %	Temperati	ure rise	: 80 K	
Rated speed	: 3	545 rpm	Design		: B	
Heating constan	t					
Cooling constant	t					
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