DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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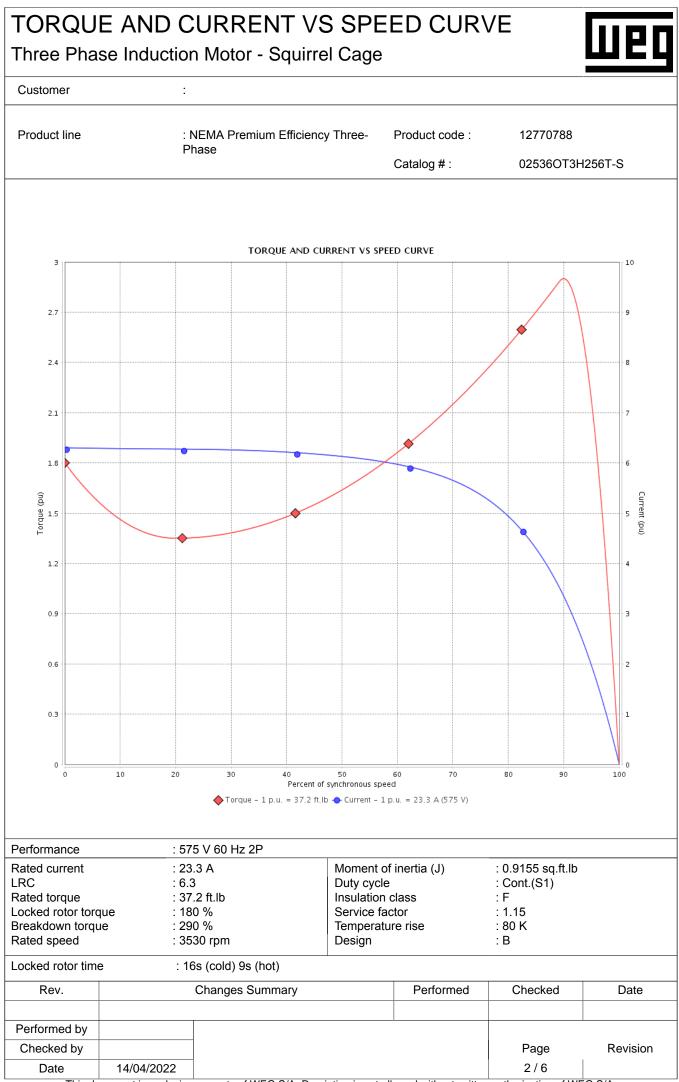


Catalog #: 025360T3H256T-S Frame ::254/BT Output :25 HP (18.5 kW) Poles :2 Frequency :60 Hz Rated voltage :575 V Rated voltage :576 V Rated voltage :576 V Rated speed :63x(Code G) No load current :9.12 A Rated speed :3530 rpm Silp :1.94 % Rated speed :3530 rpm Starting method :Direct On Line Approx. weight ^a :179 lb Service factor :1.15 Moment of inertia (J) :0.915 sq.ft.lb Design :B Duty t 25% 50% Power Factor :1.3 g Modil Polyrex EM Voithout Bearing Seal Ubrication interval :20000 h 200000 h :20000 h 2000			Phas		m Efficiency T	Three- P	roduct code :	12770788	
Output ::25 HP (18.5 kW) Temperature rise ::80 K Frequency :60 Hz Duty cycle :Cont.(S1) Rated voltage :575 V Attitude :100 0 m a.s.l. Rated voltage :575 V Attitude :100 0 m a.s.l. Rated spres :147 A Cooling method :100 m a.s.l. L R. Amperes :147 A Rotation* :Both (CW and CCW) No load current :9.12 A Rotation* :Both (CW and CCW) No load current :9.12 A Rotation* :Both (CW and CCW) Slip :1.94 % Rated spred :330 rpm Starting method :Direct On Line Approx. weight* :179 lb Locked rotor torque :180 % Breakdown torque :280 % Breakdown torque :290 % :09155 sq.ft.lb Max. traction :428 lb Design :0<9155 sq.ft.lb Max. compression :607 lb Bearing type : :0000 h 2000 2 C3 6208 Z C3 Sealing : : :02000 h 20000 h Lubricant amount : : :				-		С	atalog # :	02536OT3H	256T-S
Moment of inertia (J) : 0.9155 sq.ft.lb Datgut 25% 50% 75% 100% Efficiency (%) 90.8 91.0 91.7 91.7 Power Factor 0.46 0.73 0.83 0.87 Max. traction : 428 lb Power Factor 0.46 0.73 0.83 0.87 Max. compression : 607 lb Bearing type : 6309 Z C3 6208 Z C3 6208 Z C3 Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : 20000 h 20000 h Lubrication type : Mobil Polyrex EM Votes Mobil Polyrex EM	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		: 25 H : 2 : 60 H : 575 : 23.3 : 147 : 6.3 : 9.12 : 353 : 1.94 : 37.2 : 180 : 290 : F	HP (18.5 k Hz V 3 A (Code G) 2 A 0 rpm 4 % 2 ft.lb % %	W)	Tempera Duty cycl Ambient Altitude Cooling r Mounting Rotation ¹ Noise lev Starting r	ture rise le temperature nethod y /el ² nethod	: 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IC01 - OD : F-1 : Both (CW : 70.0 dB(A : Direct On	40°C s.l. P and CCW))
This revision replaces and cancel the previous one, which must be eliminated. Max. raction : 428 lb This revision replaces and cancel the previous one, which These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA (MG-1.		a (J)		155 sq.ft.lb					
Efficiency (%) 90.8 91.0 91.7 91.7 91.7 Power Factor 0.46 0.73 0.83 0.87 Max. traction : 428 lb Power Factor 0.46 0.73 0.83 0.87 Max. compression : 607 lb Bearing type : 6309 Z C 3 6208 Z C 3 Sealing Sealing Without Bearing Seal Lubrication interval : 20000 h 20000 h 20000 h Lubricant amount : 13 g 8 g Lubricant type : Mobil Polyrex EM Notes Mobil Polyrex EM	Output	25%	50%	75%	100%	Foundation	n loads		
Drive end Non drive end Bearing type : 6309 Z C3 6208 Z C3 Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : 20000 h 20000 h Lubricant amount : 13 g 8 g Lubricant type : Mobil Polyrex EM Notes Mobil Polyrex EM	Efficiency (%)		91.0						
Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval : 20000 h 20000 h Lubricant amount : 13 g 8 g Lubricant type : Mobil Polyrex EM Votes Mobil Polyrex EM Finis revision replaces and cancel the previous one, which nust be eliminated. These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1. 2) Measured at 1m and with tolerance of +3dB(A). MG-1. 3) Approximate weight subject to changes after Mithout Bearing Seal	Bearing type		:			1			
Lubricant amount : 13 g 8 g Lubricant type : Mobil Polyrex EM Notes This revision replaces and cancel the previous one, which nust be eliminated. 1) Looking the motor from the shaft end. 2) Measured at 1m and with tolerance of +3dB(A). 3) Approximate weight subject to changes after									
Lubricant type : Mobil Polyrex EM Notes			:			·	•	Seal	
Notes This revision replaces and cancel the previous one, which nust be eliminated. 1) Looking the motor from the shaft end. 2) Measured at 1m and with tolerance of +3dB(A). 3) Approximate weight subject to changes after	Lubrication inter		:	20)000 h		20000 h	Seal	
nonufacturing process	Lubrication inter Lubricant amour Lubricant type		:	20	0000 h 13 g		20000 h 8 g		
	Lubrication inter Lubricant amour Lubricant type Notes This revision repl nust be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and ed. notor from 1m and wi weight sub ocess.	the shaft e th toleranc bject to cha	previous c end. e of +3dB(anges after	one, which	bil Polyrex E	20000 h 8 g M average values	based on tests wi	lated in NEMA
	Lubrication inter Lubricant amour Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate of nanufacturing pr	laces and ed. notor from 1m and wi weight sub ocess.	the shaft e th toleranc bject to cha	previous c end. e of +3dB(one, which	bil Polyrex E	20000 h 8 g M average values	s based on tests wi	
Nev. Performed by Performed by Page Revision	Lubrication inter Lubricant amour Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate m anufacturing pr 4) At 100% of fu Rev. Performed by	laces and ed. notor from 1m and wi weight sub ocess.	the shaft e th toleranc bject to cha	previous c end. e of +3dB(anges after	one, which	bil Polyrex E	20000 h 8 g M average values	based on tests wine tolerances stipu	lated in NEMA

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 Date
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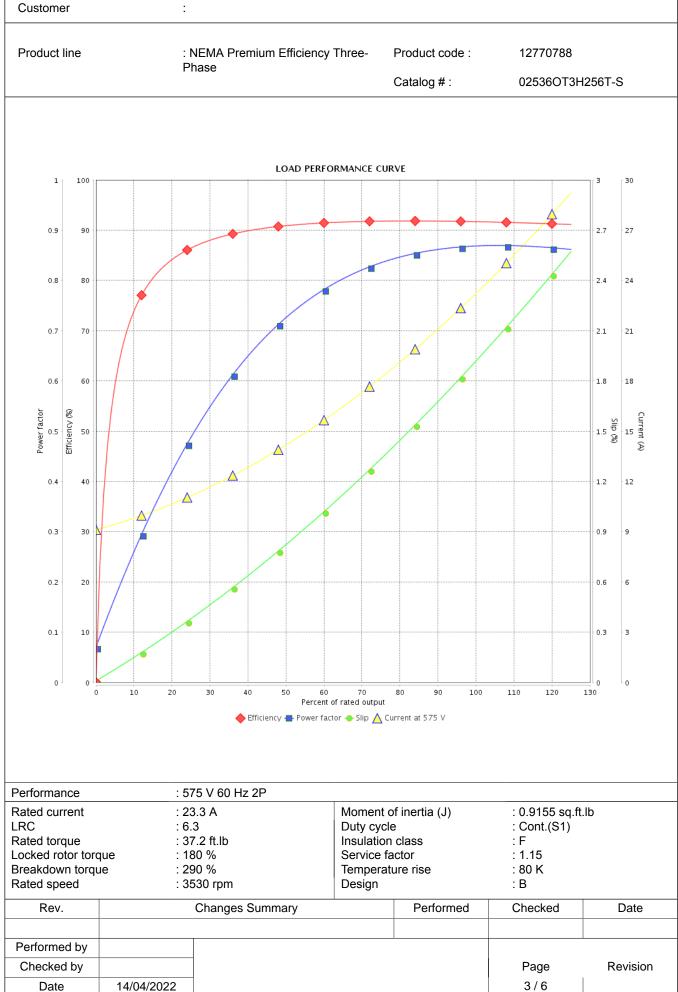


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

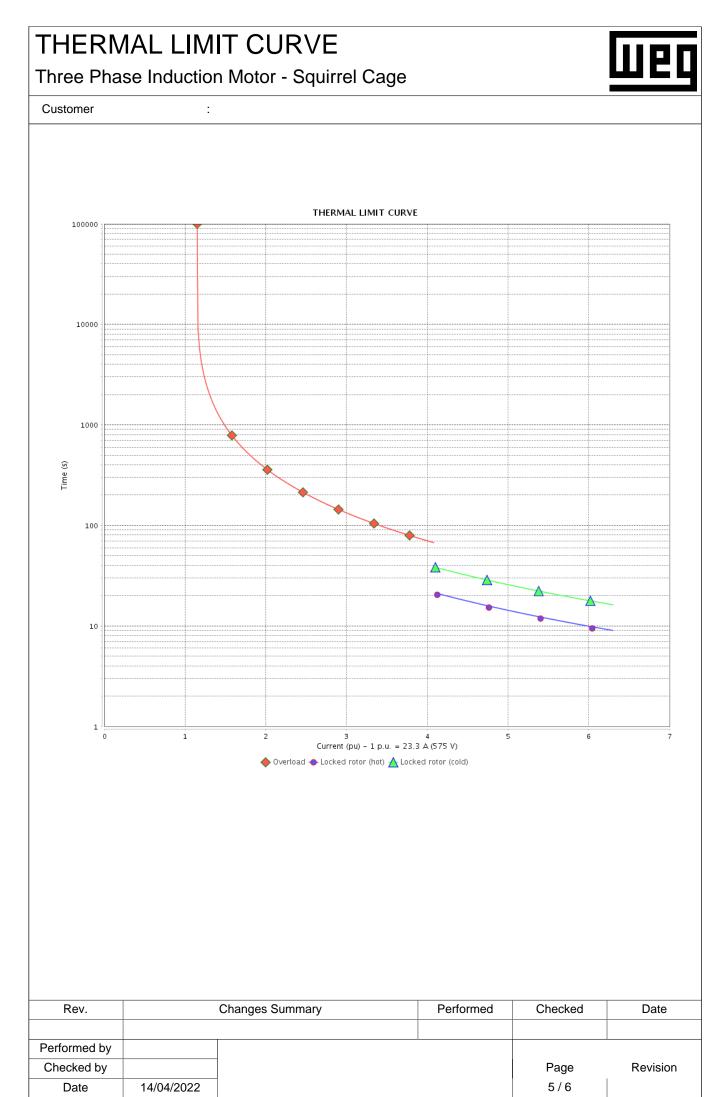
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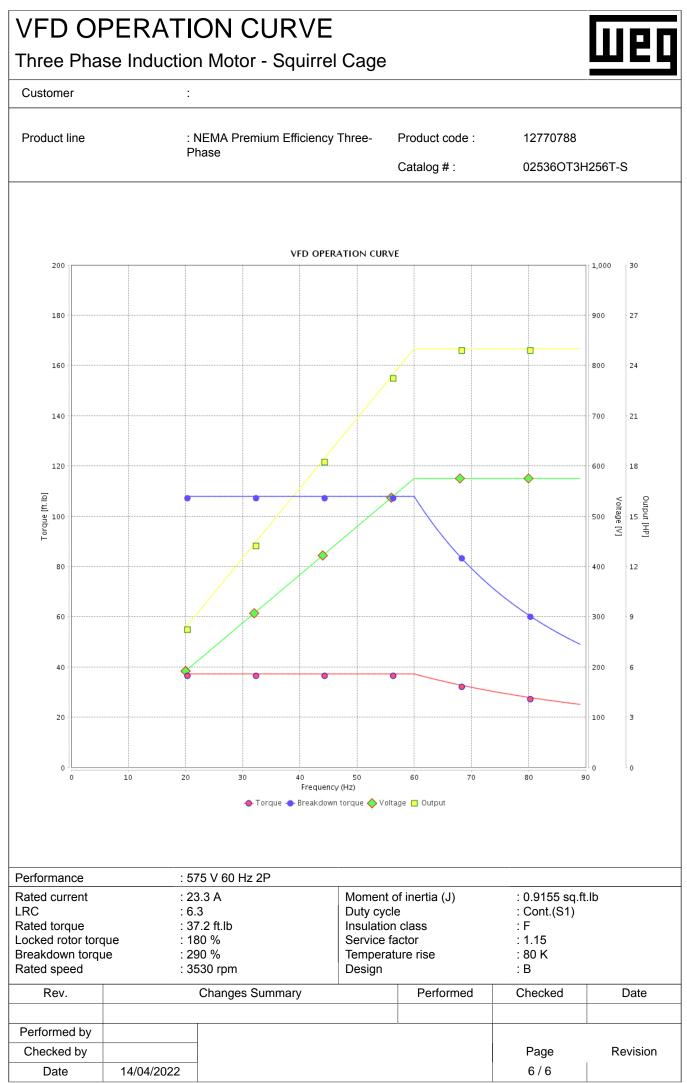
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Three Phase Induc	ction Motor - Squirrel Cage)	шсч
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12770788
		Catalog # :	02536OT3H256T-S

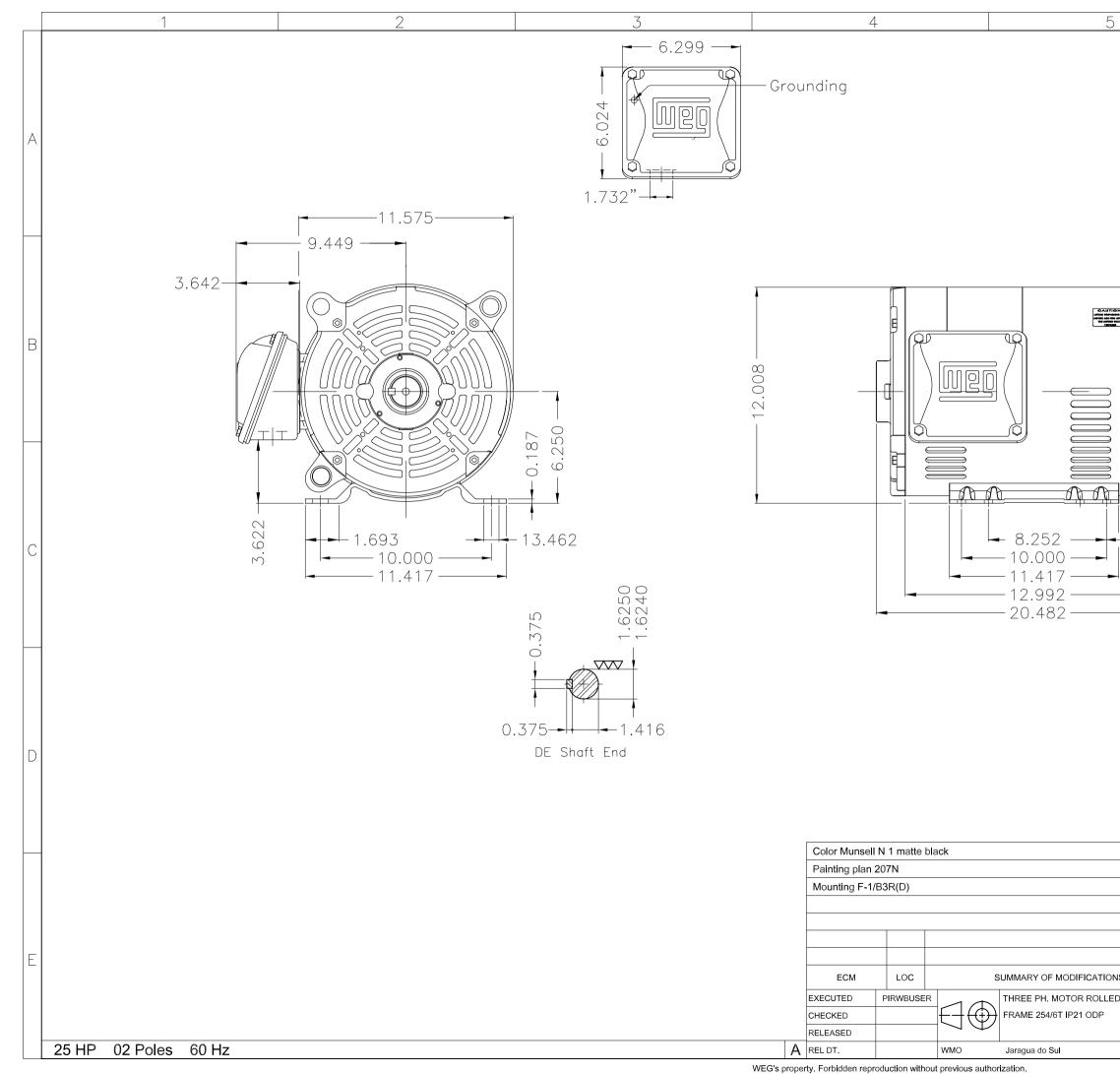
Performance	:	: 575 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	jue	23.3 A 6.3 37.2 ft.lb 180 % 290 % 3530 rpm	Moment of Duty cycle Insulation Service fa Temperate Design	class ctor	: 0.9155 sq.ft : Cont.(S1) : F : 1.15 : 80 K : B	.lb
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	14/04/2022				4 / 6	
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