DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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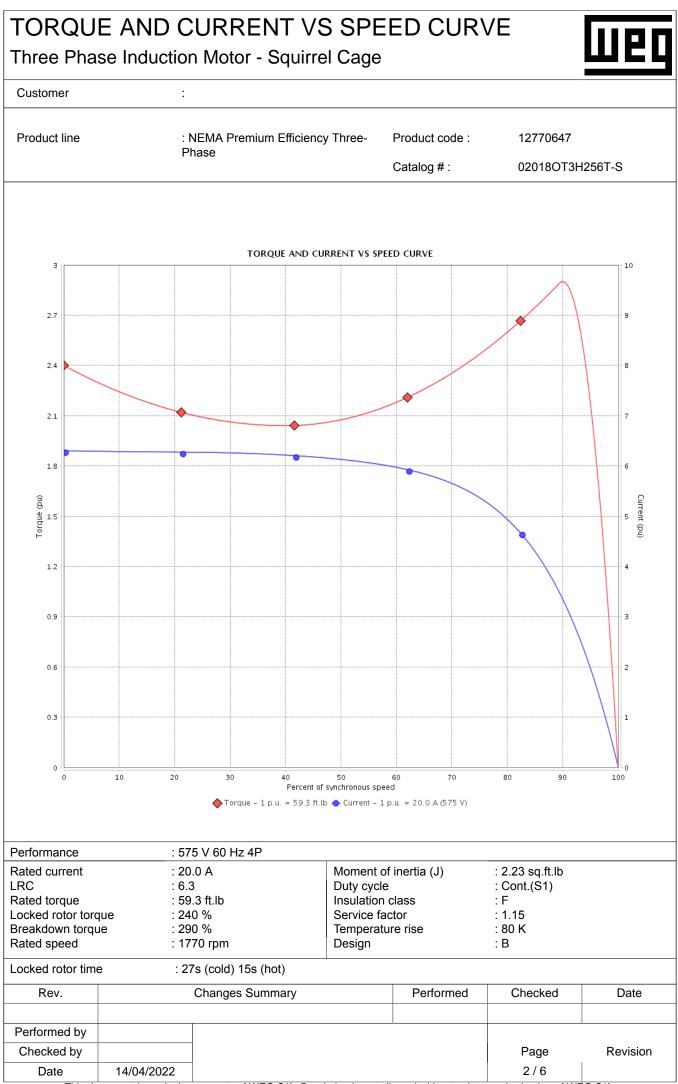


Product line		: NEN Phas		m Efficiency 1	Three-	Product code :	12770647	
		1 1135	.			Catalog # :	02018OT3H	1256T-S
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torqu Insulation class		: 4 : 60 F : 575 : 20.0 : 126 : 6.3x : 9.15	HP (15 kW Hz V A (Code G) 5 A 0 rpm 7 % 3 ft.lb %)	Temper Duty cy Ambien Altitude Cooling Mountir Rotation Noise le Starting	t temperature method ng n ¹	: 27s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IC01 - OE : F-1 : Both (CW : 64.0 dB(A : Direct On : 212 lb	+40°C .s.l.)P (and CCW)
Service factor Moment of inerti Design	a (J)	: 1.15 : 2.23 : B	5 3 sq.ft.lb					
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%)	91.7	92.4	92.4	93.0	Max. tract		: 720 lb	
Power Factor	0.38	0.63	0.74	0.81	Max. com	pression	: 931 lb	
Bearing type Sealing		:	630	r <u>e end</u>)9 Z C3 Bearing Seal		<u>Non drive end</u> 6208 Z C3 Without Bearing		
Lubrication inter Lubricant amour Lubricant type Notes		:	20)000 h 13 g	bil Polyrex	20000 h 8 g EM		
Lubrication inter Lubricant amour Lubricant type		:	20)000 h 13 g	bil Polyrex	8 g		
Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wit weight sub ocess.	the shaft e	previous c end. e of +3dB(0000 h 13 g Mo	These ar	8 g EM e average values	based on tests w e tolerances stipu	
Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	previous c end. e of +3dB(pooo h 13 g Mo one, which A).	These ar power su	8 g EM e average values		
Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	previous c end. e of +3dB(anges after	pooo h 13 g Mo one, which A).	These ar power su	8 g EM e average values pply, subject to th	e tolerances stipu	lated in NEMA

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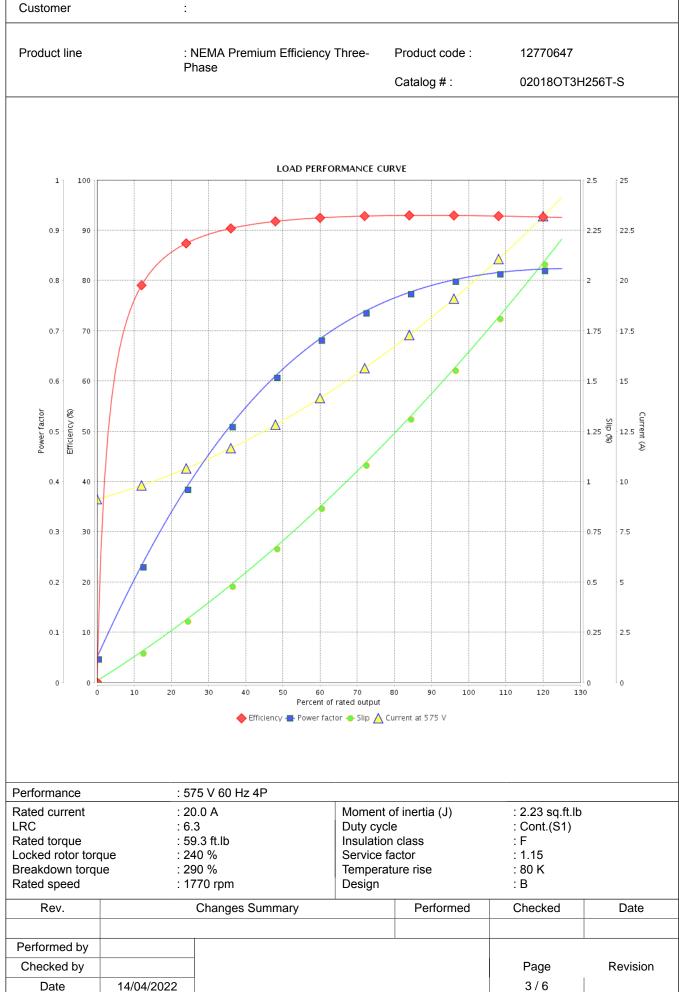


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LOAD PERFORMANCE CURVE

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Customer



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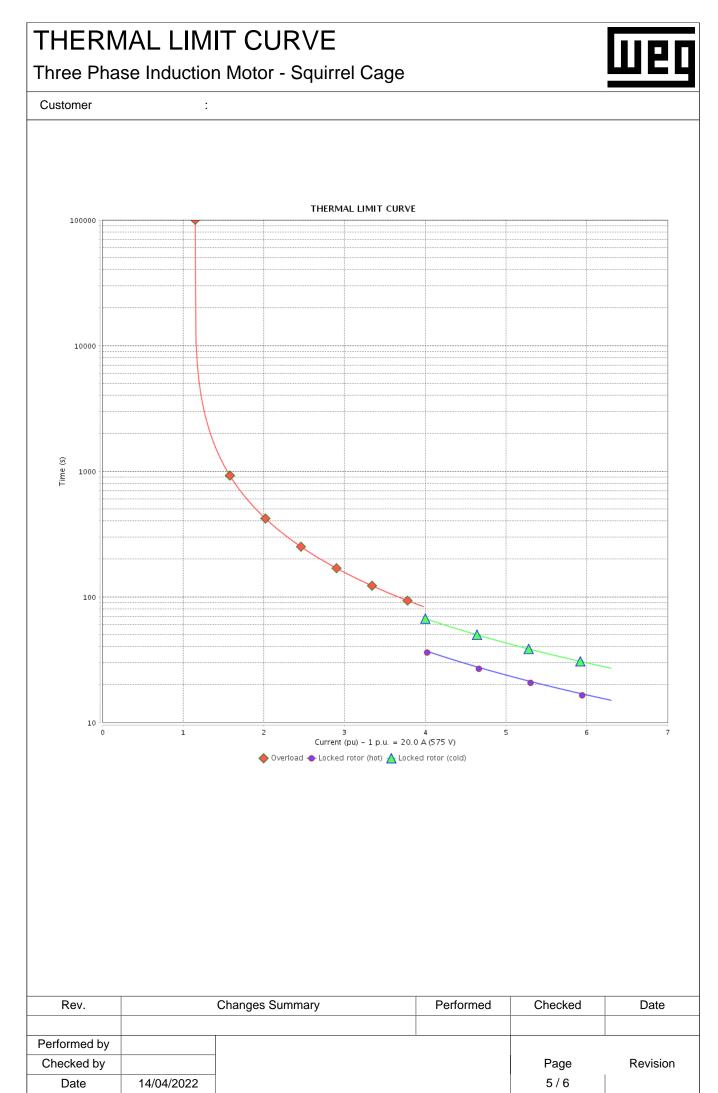
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	LIMIT CURVE)	Ш
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12770647
		Catalog # :	02018OT3H256T-S

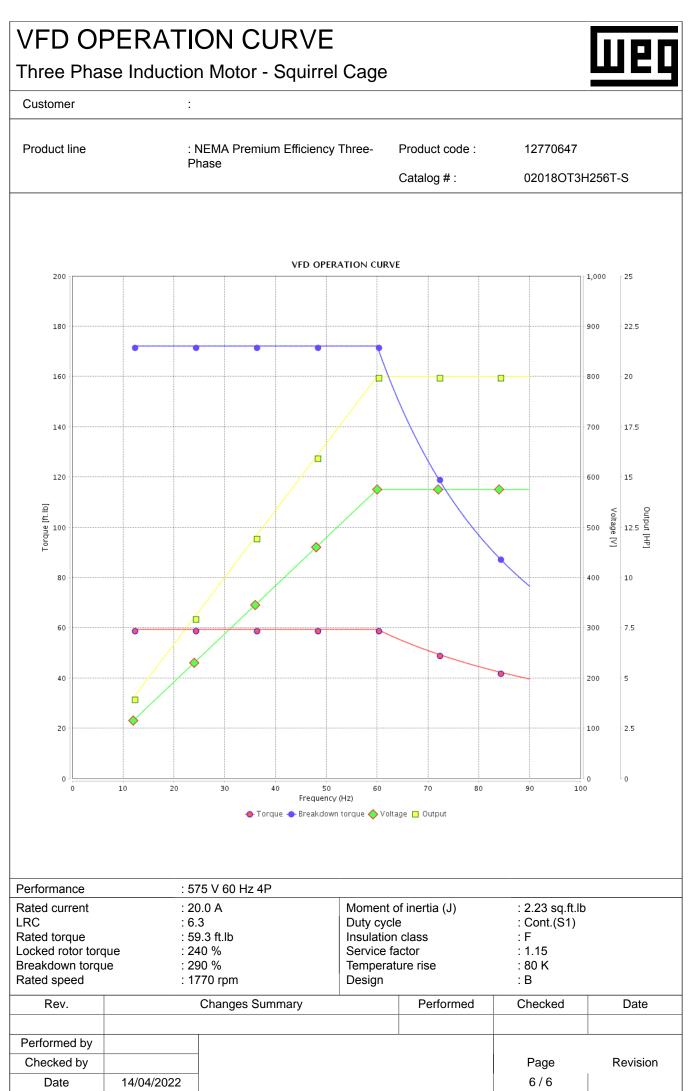
120

Performance	: 57	75 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6. : 59 jue : 24 je : 29 : 17	0.0 A 3 9.3 ft.lb 40 % 90 % 770 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 2.23 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
		1				
Performed by						
Checked by					Page	Revision
Date	14/04/2022				4 / 6	

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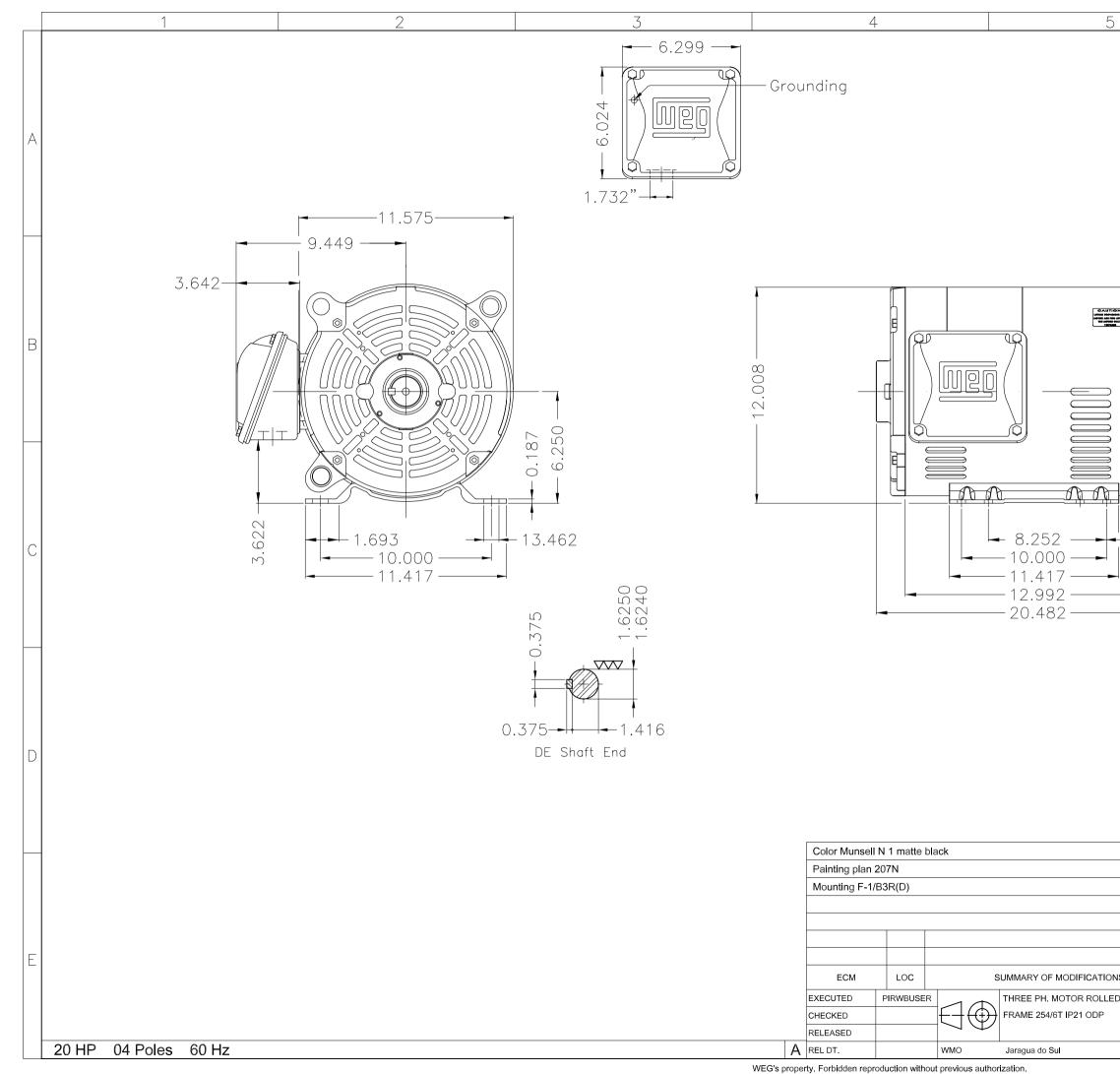


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