DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

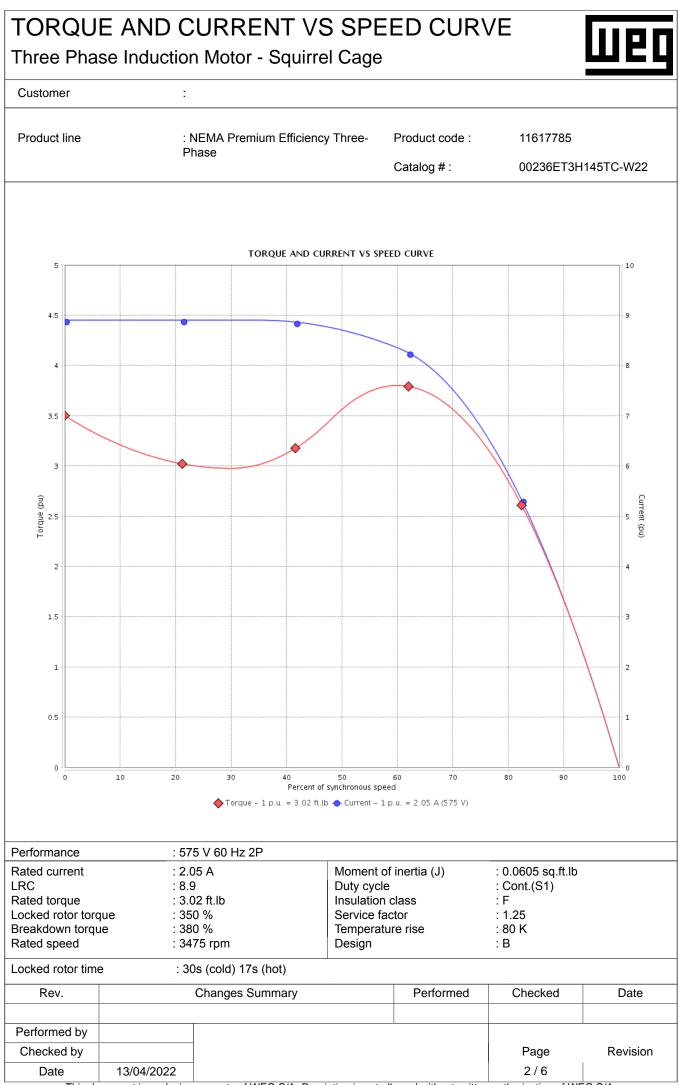
Customer

		: NEMA Premium Efficiency T Phase			Three-	Product code :	11617785	11617785	
						Catalog # :	00236ET3H	1145TC-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti Design	ue	: 2 : 60 H : 575 : 2.05 : 18.2 : 8.9» : 0.72 : 347 : 3.02 : 350 : 380 : F : 1.25	P (1.5 kW) Hz V 5 A 2 A (Code L) 20 A 5 rpm 7 % 2 ft.lb % %		Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature on degree method ng n ¹	: 30s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 68.0 dB(A : Direct On : 52.3 lb	+40°C .s.l. EFC and CCW)	
Output	25%	50%	75%	100%	Foundatio	on loads			
Efficiency (%)	82.0	82.5	85.5	85.5	Max. trac		: 74 lb		
Power Factor	0.47	0.71	0.80	0.86	Max. com	pression	: 126 lb		
Lubricant amoui	nt								
Lubricant type		:		- Mo	bil Polyrex	EM			
Notes This revision rep nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc	end. e of +3dB(A	ne, which	These ar	e average values	based on tests w le tolerances stipu		
	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(A	ne, which A).	These ar power su	e average values			
Notes This revision rep nust be eliminat 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ inges after	ne, which A).	These ar power su	e average values pply, subject to th	e tolerances stipu	lated in NEMA	
This revision rep nust be eliminat 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu Rev.	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ inges after	ne, which A).	These ar power su	e average values pply, subject to th	e tolerances stipu	lated in NEMA	

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 Date
 13/04/2022
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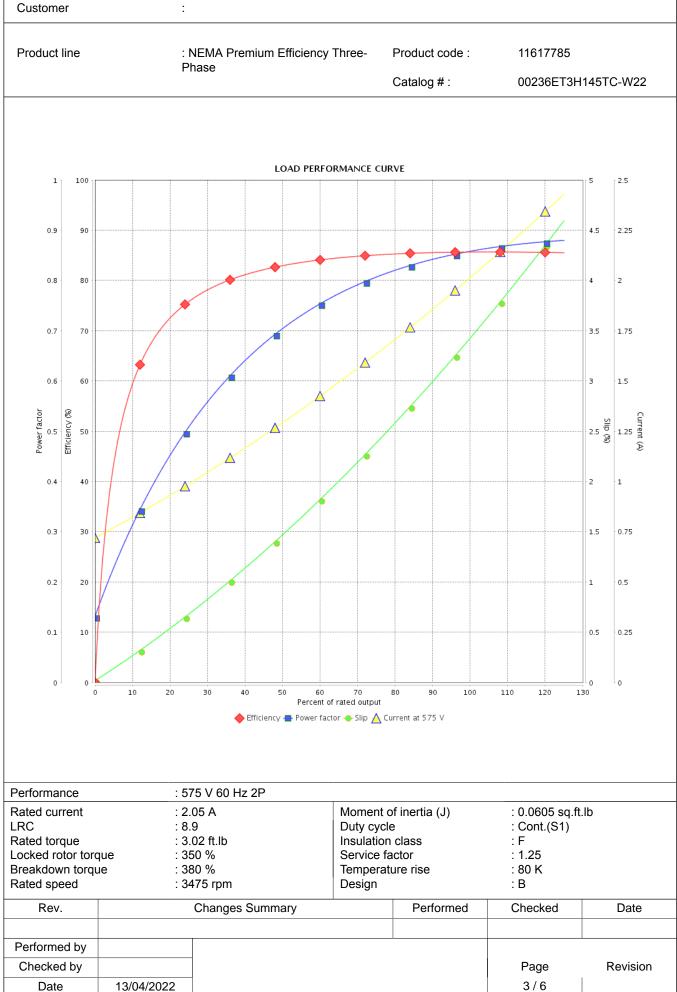


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

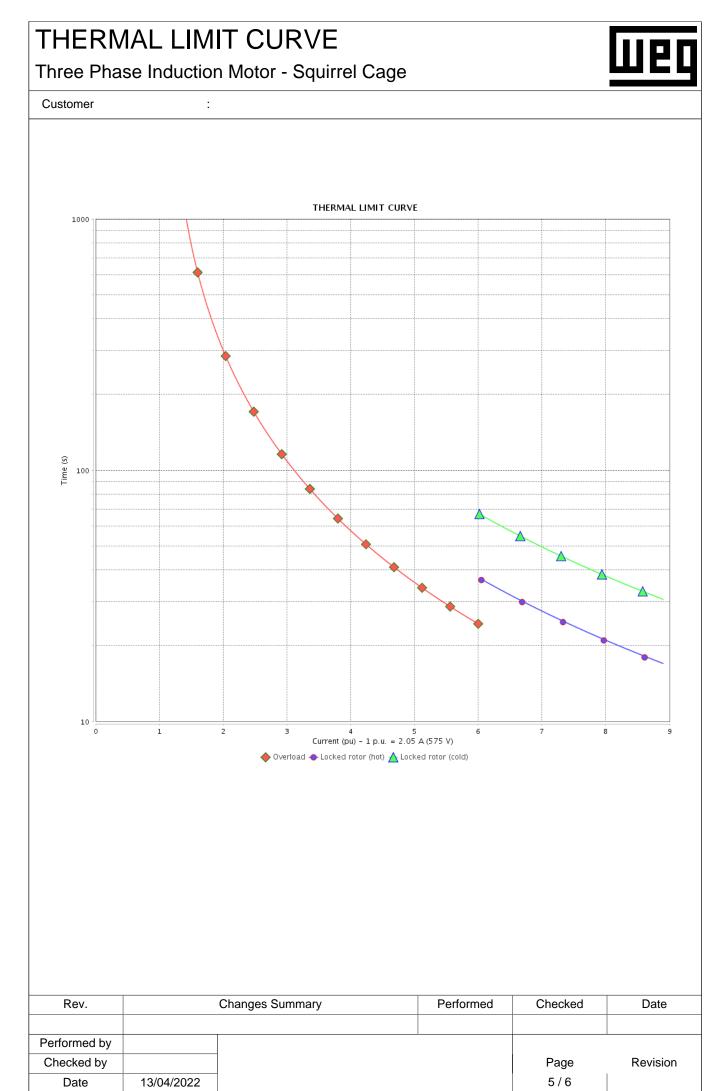
Customer



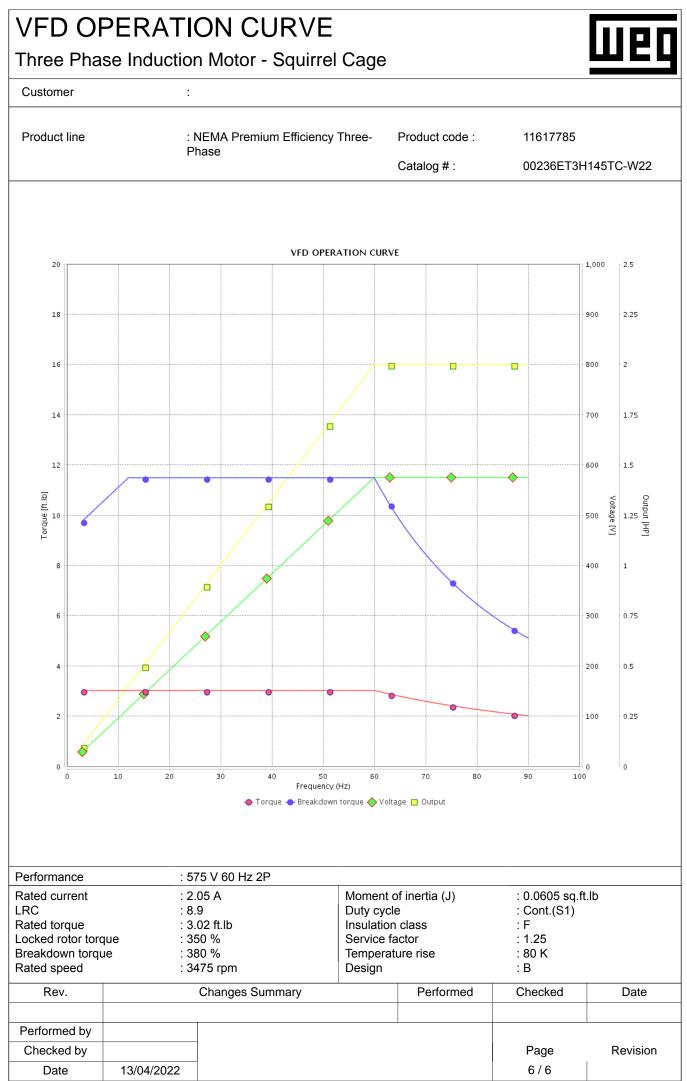
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THERMAL LIMIT CURVE						
Three Phase Ind	luction Motor - Squirrel Cage	;				
Customer	:					
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11617785			
	Thuse	Catalog # :	00236ET3H145TC-W22			

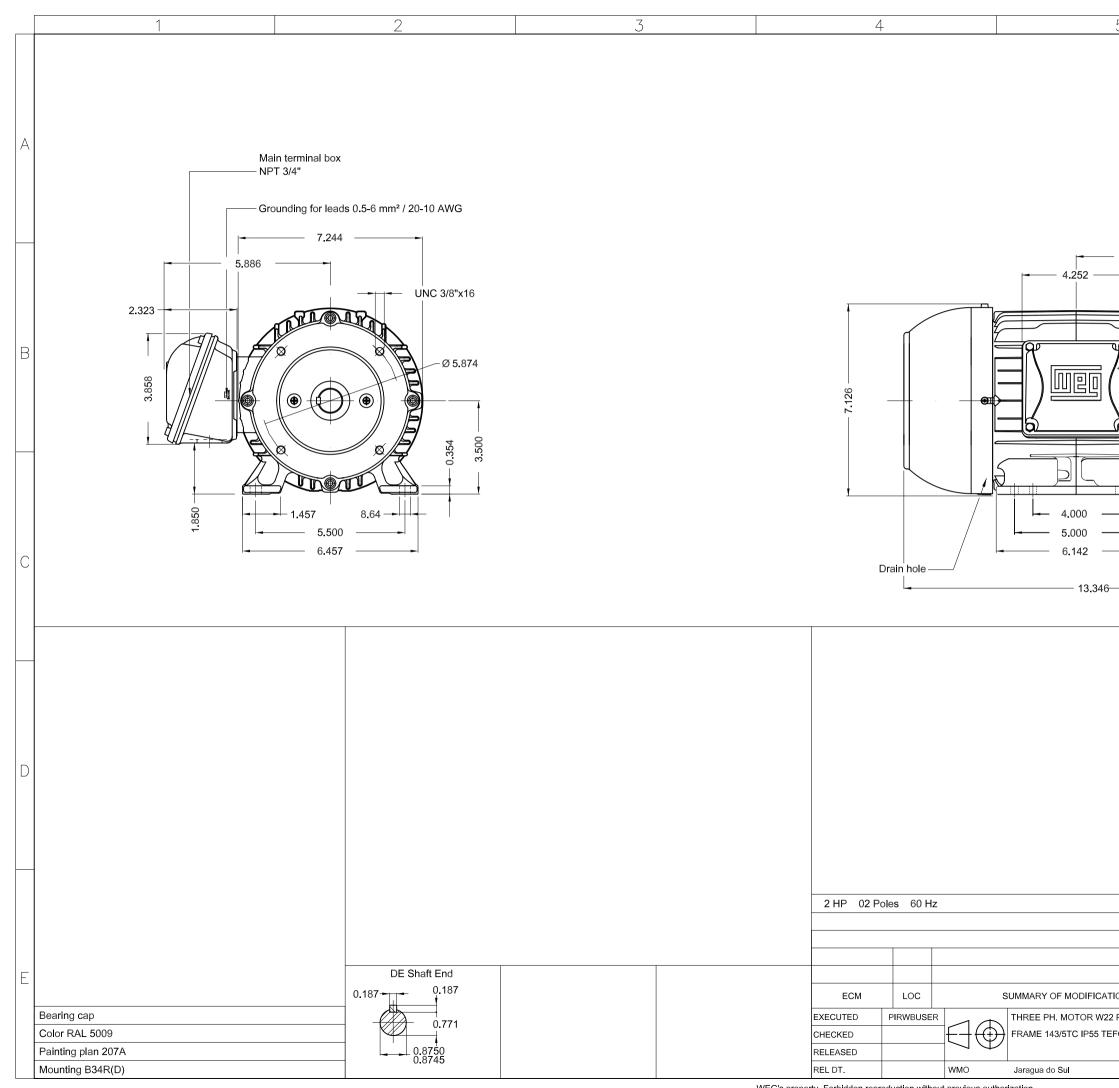
Performance		: 575 V 60 Hz 2P				
LRC: 8.9Rated torque: 3.02 fLocked rotor torque: 350 %Breakdown torque: 380 %		: 2.05 A : 8.9 : 3.02 ft.lb : 350 % : 380 % : 3475 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.0605 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed		Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				4 / 6	
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4.750	0.157	1.575 - % - % - % - % - % - % - % - % - % - %	- Q 6.496			
					A	Dimensions in inches
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