DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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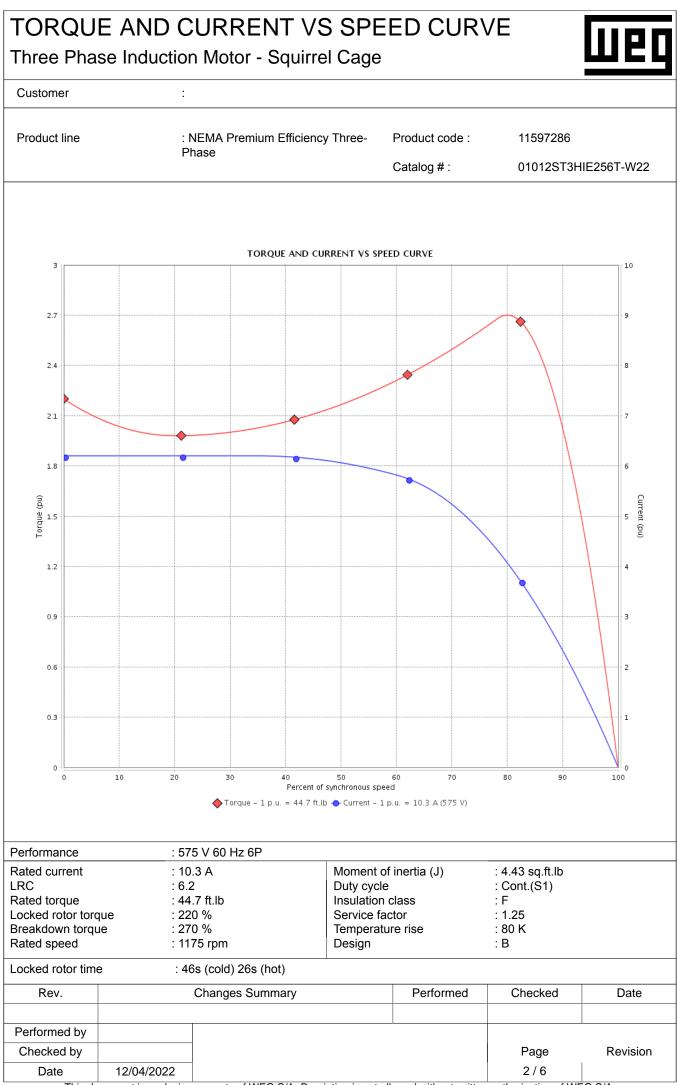
Customer

Product line		: NEN Phas	,			roduct code :	de : 11597286	
		1 1145	~		С	atalog # :	01012ST3F	HE256T-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class		: 6 : 60 F : 575 : 10.3 : 64.0 : 6.2 : 4.80 : 117 : 2.08 : 44.7 : 220 : 44.7 : 220 : 270 : F	HP (7.5 kW Hz V 3 A) A (Code H)) A 5 rpm 3 % 7 ft.lb % %)	Locked re Tempera Duty cycl	otor time ture rise le temperature n degree method y vel ² method	: 46s (cold : 80 K : Cont.(S1) : -20°C to : 1000 m.a : IP55 : IC411 - T : F-1) 26s (hot)) +40°C s.l. EFC / and CCW) A)
Service factor Moment of inertia Design	a (J)	: 1.25 : 4.43 : B	5 3 sq.ft.lb					
Output	25%	50%	75%	100%	Foundation	loads		
Efficiency (%)	90.0	90.2	91.0	91.0	Max. tractio	on	: 426 lb	
Power Factor	0.38	0.63	0.74	0.80	Max. comp	ression	: 731 lb	
Lubrication interv	val		20					
Lubricant amour Lubricant type Notes				000 h 13 g Mo	bil Polyrex E	20000 h 9 g M		
Lubricant amour Lubricant type	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e	previous o end. e of +3dB(/	13 g Mo	These are	9 g M average values	based on tests w	
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at ((3) Approximate v manufacturing pro-	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(/	13 g Mo ne, which A).	These are power sup	9 g M average values		
Lubricant amour Lubricant type Notes This revision repl nust be eliminate (1) Looking the m (2) Measured at (3) Approximate v manufacturing pro (4) At 100% of ful	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(<i>i</i> anges after	13 g Mo ne, which A).	These are power sup	9 g M average values ply, subject to th	ne tolerances stip	ulated in NEMA
Lubricant amour Lubricant type Notes 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.	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(<i>i</i> anges after	13 g Mo ne, which A).	These are power sup	9 g M average values ply, subject to th	ne tolerances stip	ulated in NEMA

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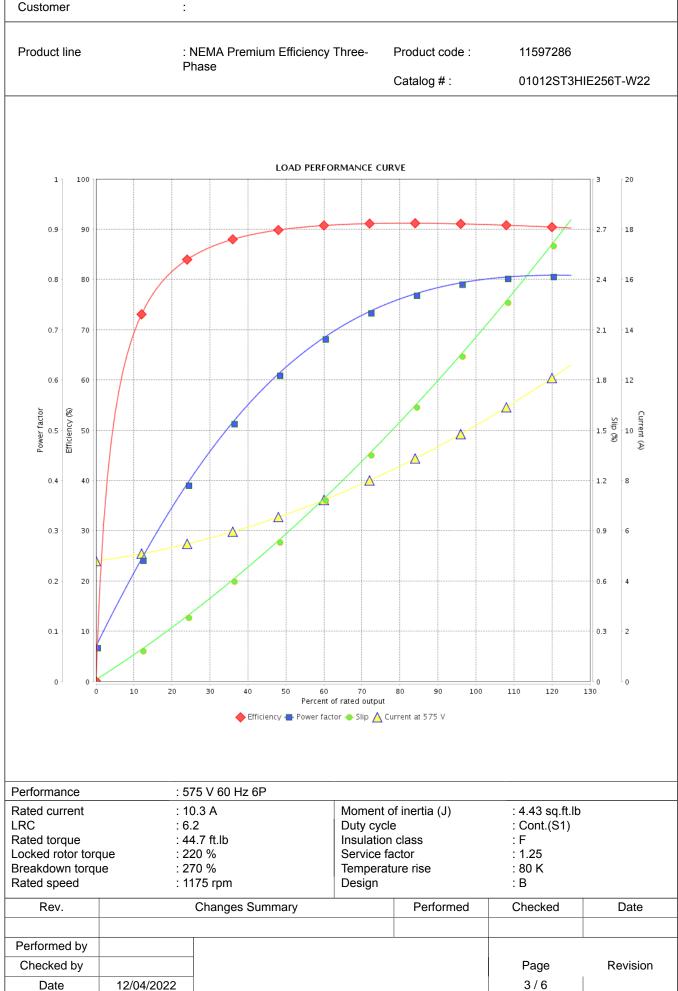
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer

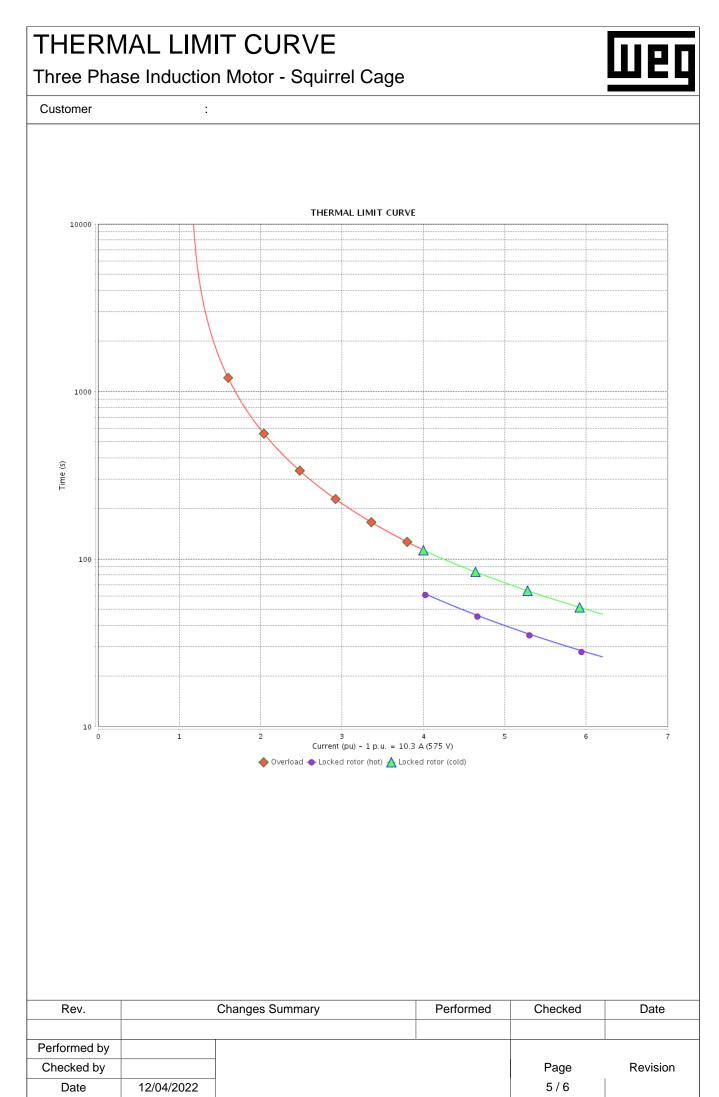


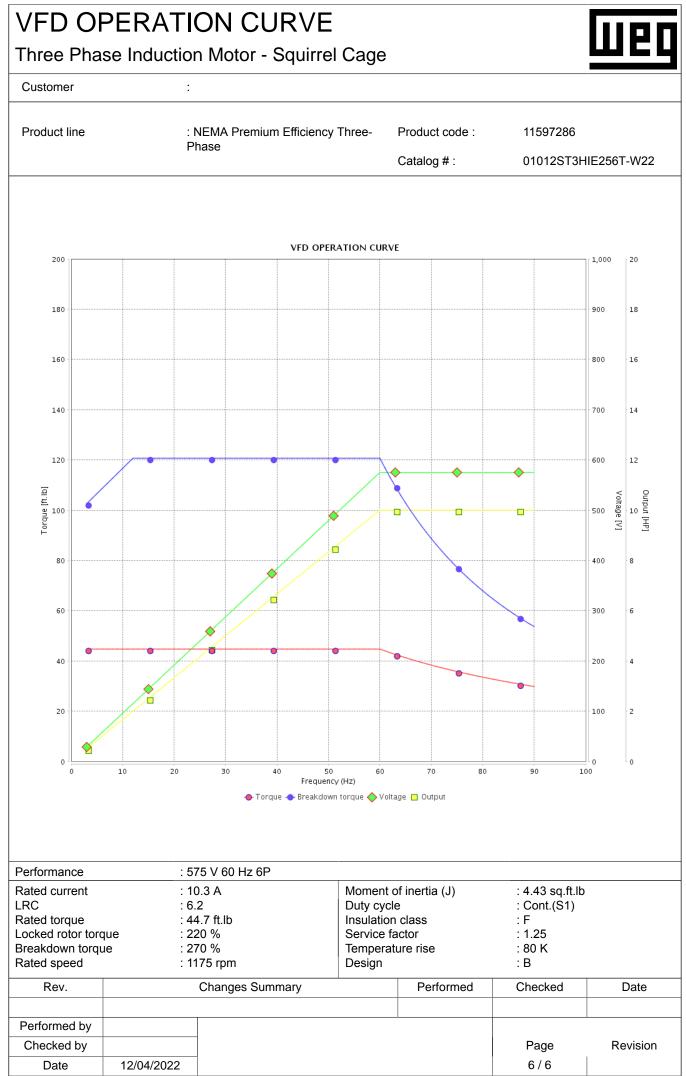
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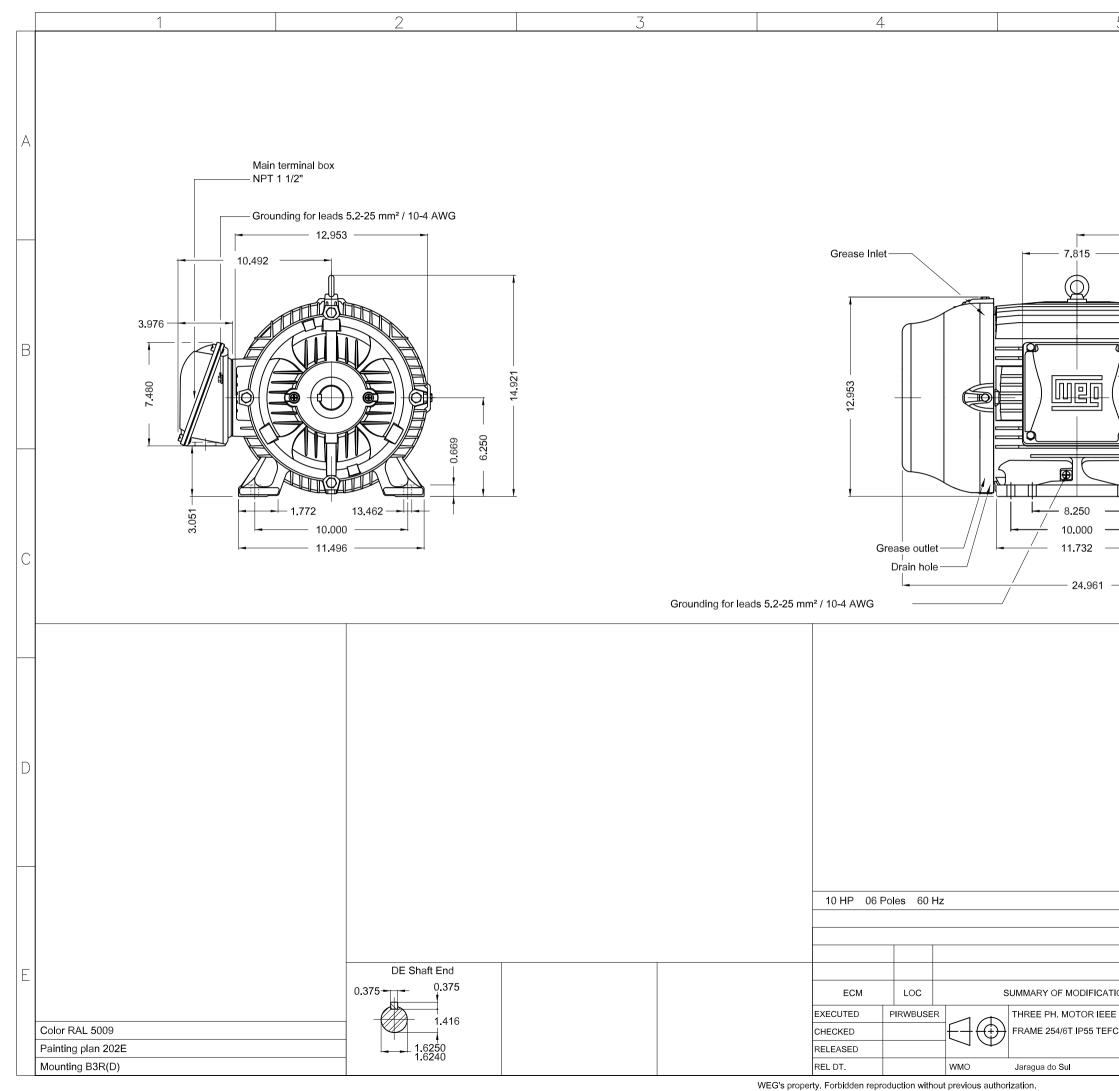
Subject to change without notice

THERMAL LIMIT CURVE Three Phase Induction Motor - Squirrel Cage						
Customer	:					
roduct line	: NEMA Premium Efficiency Three- Phase	Product code :	11597286			
	Flidse	Catalog # :	01012ST3HIE256T-W22			

Performance	: 575 V 60 Hz 6P						
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: (: 2 ue : 2	: 10.3 A : 6.2 : 44.7 ft.lb : 220 % : 270 % : 1175 rpm		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 4.43 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant	t						
Cooling constant	t						
Rev.	Changes Summary			Performed	Checked	Date	
Performed by							
Checked by					Page	Revision	
Date	12/04/2022				4/6		







5			6			
- 9.252	1					
	Grea	ise Inlet				
		- 3.150				
		- 5.100				
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		4.000				
		- Grease outlet - Drain hole				
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						Dimensions in inches
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C		PREV		ШР		A3
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Product	Engineering	SHEET	1 / 1			XME