DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

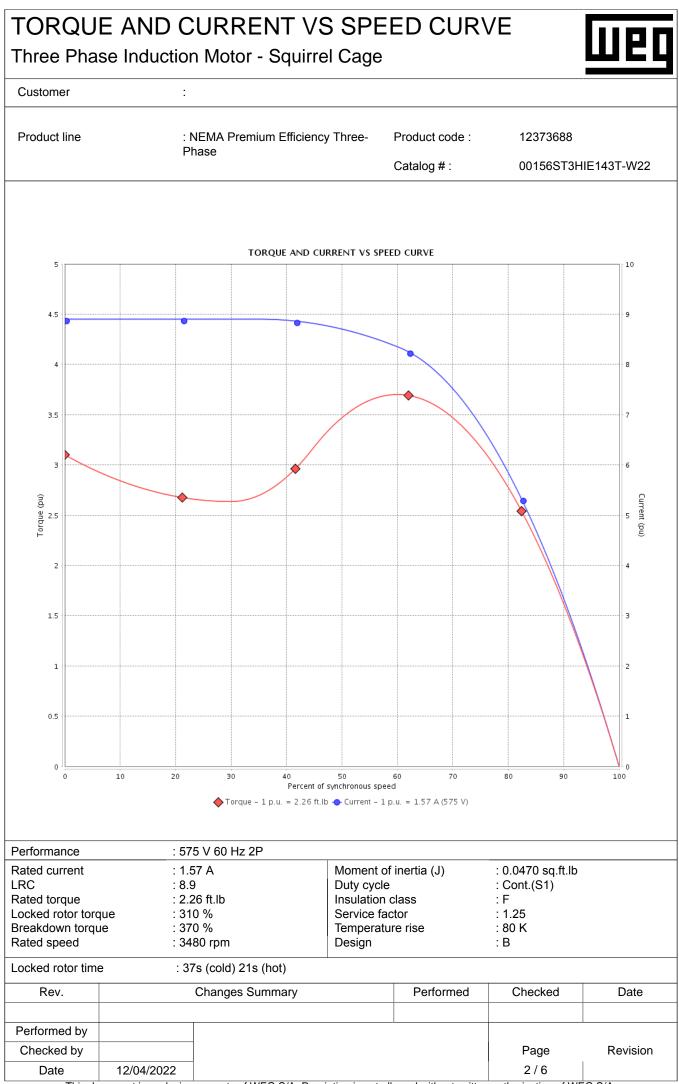
		Phase		m Efficiency ⁻	inree- I	Product code :	12373688	
					(Catalog # :	00156ST3H	IIE143T-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti	que ue	: 2 : 60 F : 575 : 1.57 : 14.0 : 8.9x : 0.66 : 348 : 3.33 : 2.26 : 310 : 370 : F : 1.25	HP (1.1 kV Hz V 7 A) A ((Code L))4 A 0 rpm 3 % 5 ft.lb % %		Tempera Duty cyd Ambien Altitude Protectii Cooling Mountin Rotation Noise le	t temperature on degree method g ¹¹ evel ² method	: 37s (cold) : 80 K : Cont.(S1) : -20°C to 4 : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 68.0 dB(A : Direct On : 51.4 lb	+40°C .s.l. EFC / and CCW)
Design	ia (0)	: 0.04 : B	rio 34.11.10					
Output	25%	50%	75%	100%	Foundatio	n loads		
Efficiency (%) Power Factor	81.1 0.43	81.5 0.68	84.0 0.78	84.0 0.84	Max. tract Max. com		: 47 lb : 98 lb	
Lubrication inter		•		000 h		20000 h		
Lubricant amoun Lubricant type Notes	nt	:		4 g Mo	bil Polyrex	4 g EM		
Lubricant type	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e	previous c nd. e of +3dB(ne, which A).	These are	EM e average values	based on tests w	
Lubricant type Notes This revision rep must be eliminati (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th tolerance ject to cha	previous c nd. e of +3dB(ne, which A).	These are power su	EM e average values		
Lubricant type Notes This revision rep must be eliminati (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th tolerance ject to cha	previous c ind. e of +3dB(inges after	ne, which A).	These are power su	EM e average values pply, subject to th	e tolerances stipu	Ilated in NEM
Lubricant type Notes This revision rep must be eliminati (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th tolerance ject to cha	previous c ind. e of +3dB(inges after	ne, which A).	These are power su	EM e average values pply, subject to th	e tolerances stipu	Ilated in NEM

 Date
 12/04/2022

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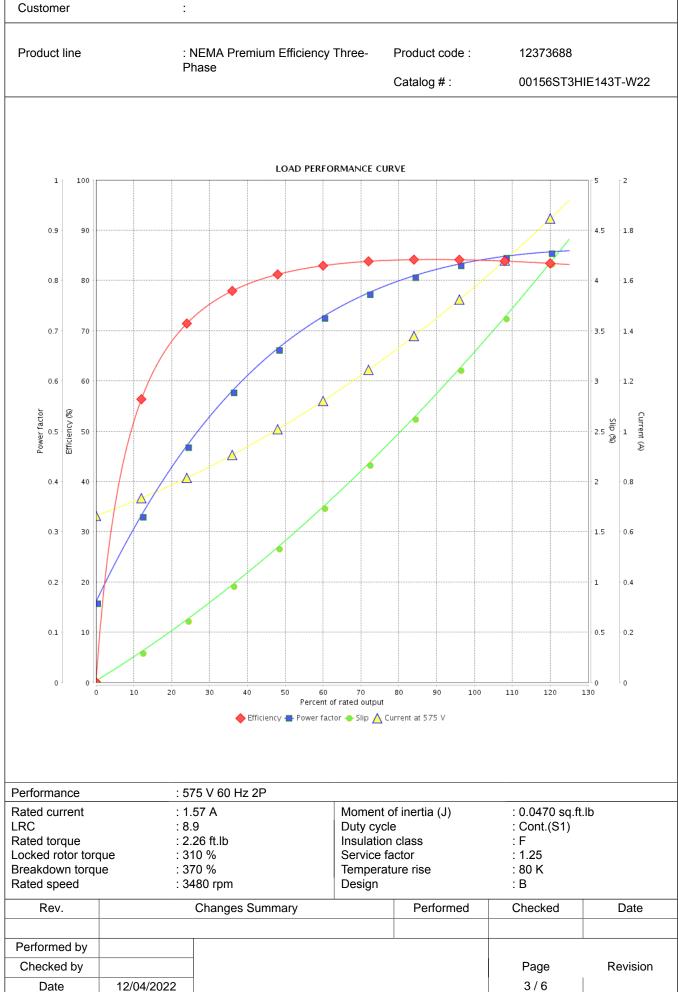


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LOAD PERFORMANCE CURVE

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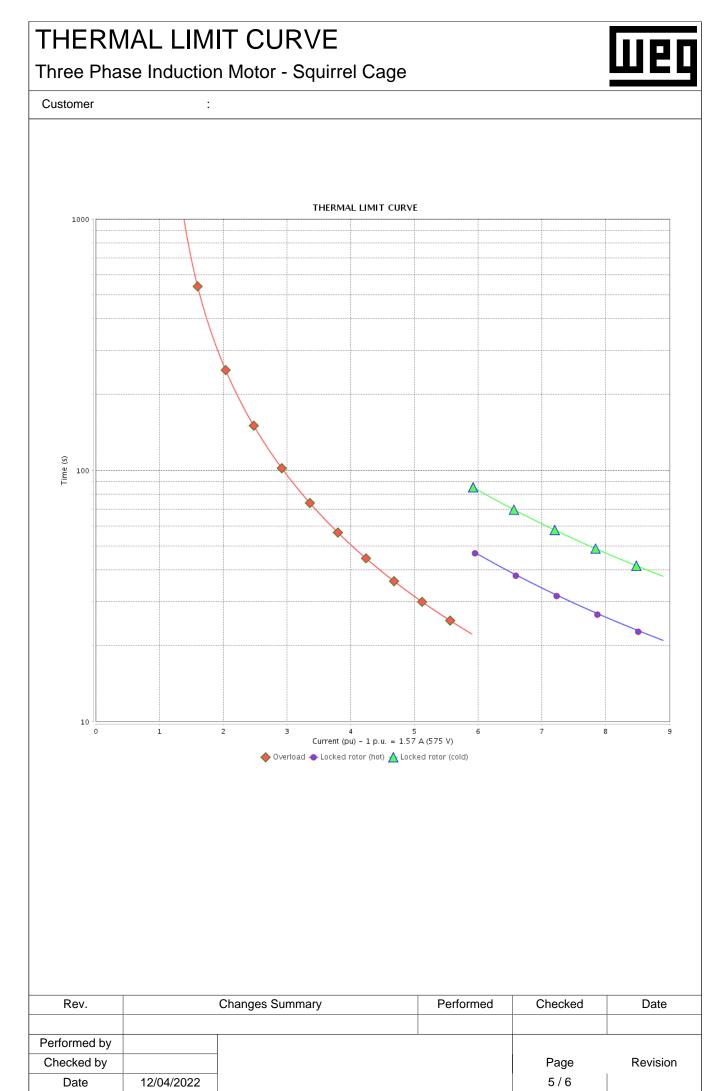
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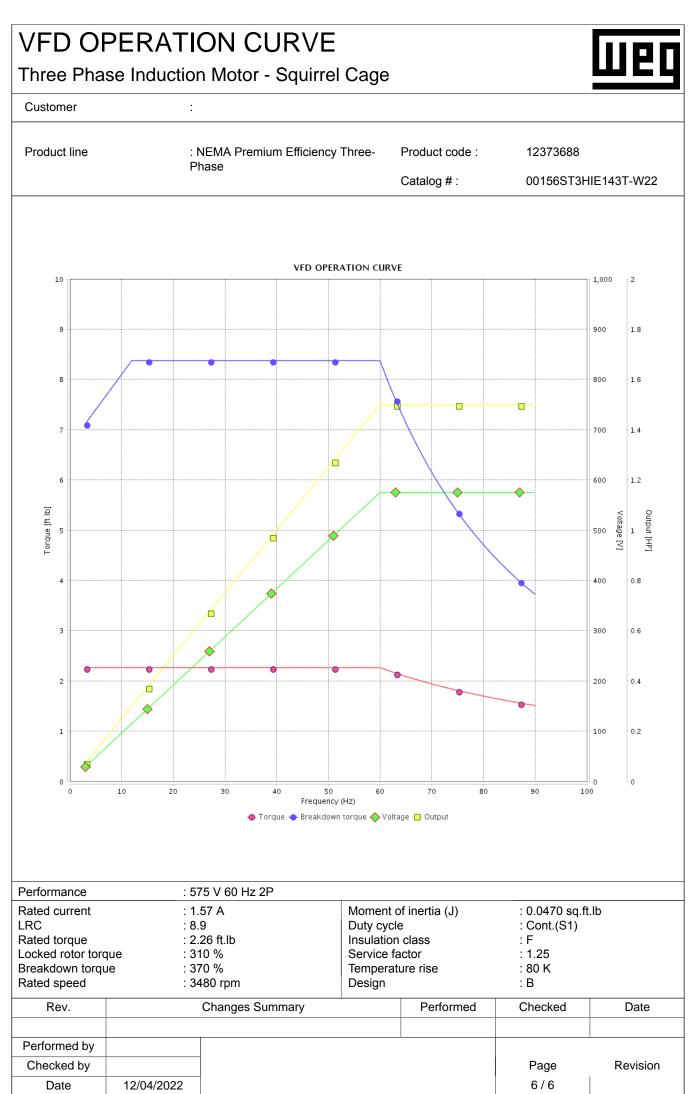
ustomer	:		
roduct line	: NEMA Premium Efficiency Three- Phase	Product code : Catalog # :	12373688 00156ST3HIE143T-W22
			001505130121431-0022

Performance	Performance : 575 V 60 Hz 2P					
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	que :			class ctor	: 0.0470 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constan	t					
Cooling constant	t					
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date 12/04/2022				4 / 6		

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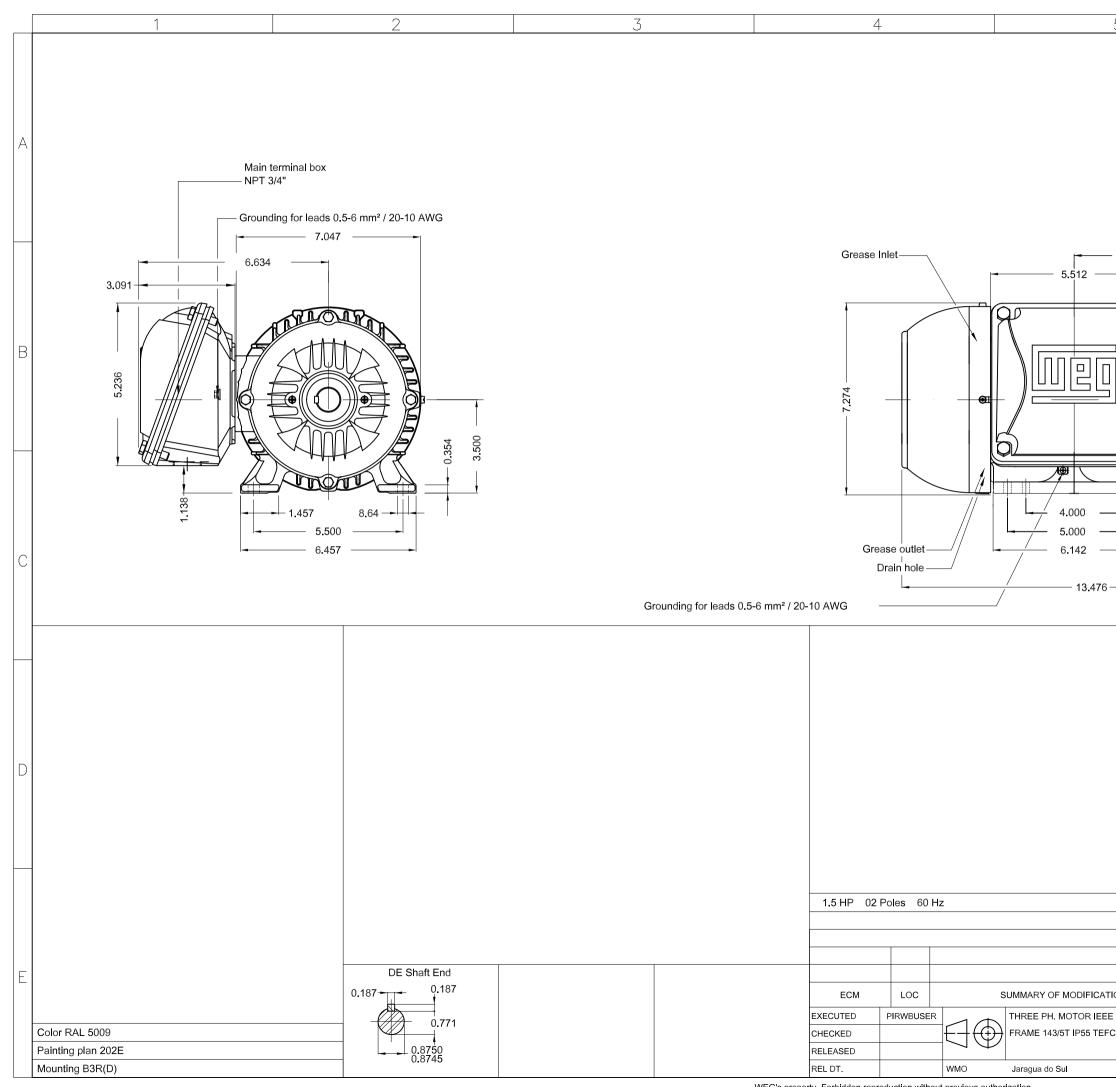


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4.750	Grease	e Inlet				
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2.250 -	-`	- 2.250				
		- Grease outlet - Drain hole				
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841 W22 PREM. EFF		PREV	<u> </u>			
C				ШΡ		A3
		WDD		шС		
Product	Engineering	SHEET	1 / 1			XME

