## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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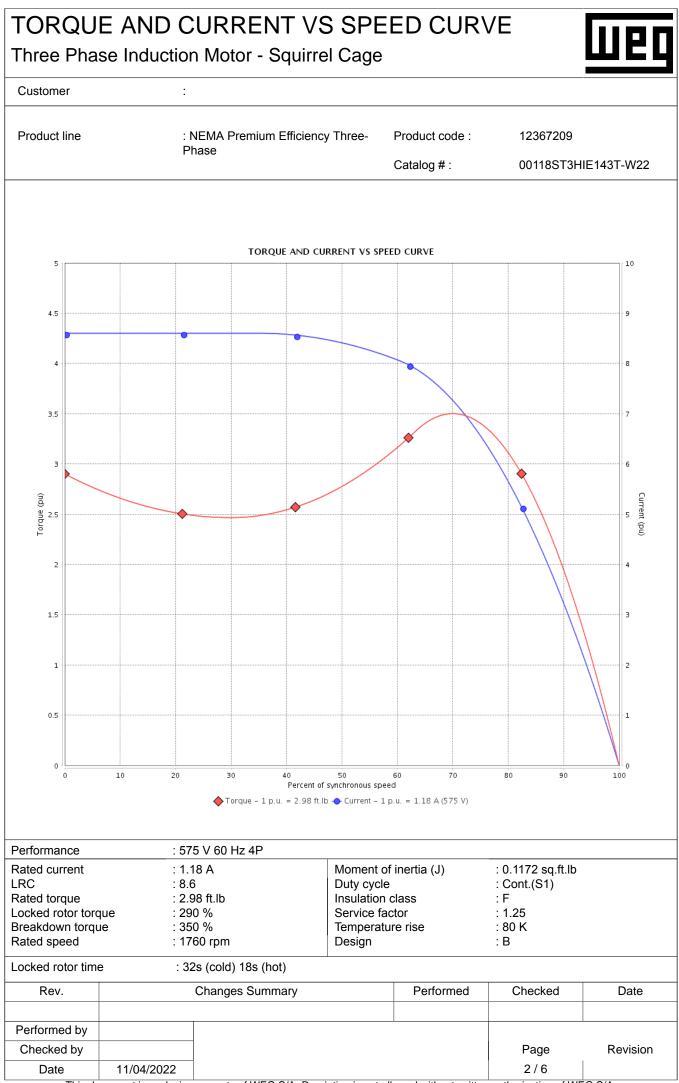
## Customer

Product line		Phas		n Efficiency ⊺		Product code :	12367209	
						Catalog # :	00118ST3H	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 torqu Insulation class Service factor Moment of inerti	ue	: 4 : 60 H : 575 : 1.18 : 10.1 : 8.6 : 0.75 : 176 : 2.22 : 2.98 : 290 : 350 : F : 1.25	P (0.75 kW) Hz V 3 A I A ((Code M) 52 A 0 rpm 2 % 3 ft.lb % %	)	Temper Duty cy Ambien Altitude Protecti Cooling Mountin Rotation Noise le Starting	t temperature on degree method ng n <sup>1</sup>	: 32s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 51.0 dB(A : Direct On : 52.9 lb	+40°C .s.l. EFC and CCW)
Design		: B						
Output	25%	50%	75%	100%	Foundatio			
Efficiency (%) Power Factor	78.4 0.31	80.0 0.55	84.0 0.68	85.5 0.75	Max. tract Max. com		: 64 lb : 117 lb	
Soolina			مناسبا	0/8001		Innr- /0!		
Sealing Lubrication inter Lubricant amour Lubricant type Notes			200	o/Seal 000 h 4 g Mo	bil Polyrex	Inpro/Seal 20000 h 4 g EM		
Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc	200 200 200 200 200 200 200 200 200 200	000 h 4 g Mo	These ar	20000 h 4 g EM e average values	s based on tests w ne tolerances stipu	
Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc ject to cha	200 200 200 200 200 200 200 200 200 200	000 h 4 g Mo	These ar power su	20000 h 4 g EM e average values	s based on tests w	
Lubrication inter Lubricant amour Lubricant type Notes This revision rep must be eliminate (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 wir weight sub rocess.	the shaft e th toleranc ject to cha	200 previous or end. e of +3dB( <i>A</i> inges after	000 h 4 g Mo	These ar power su	20000 h 4 g EM e average values	s based on tests w ne tolerances stipu	lated in NEM
Lubrication inter Lubricant amour Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and o ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc ject to cha	200 previous or end. e of +3dB( <i>A</i> inges after	000 h 4 g Mo	These ar power su	20000 h 4 g EM e average values	s based on tests w ne tolerances stipu	lated in NEM

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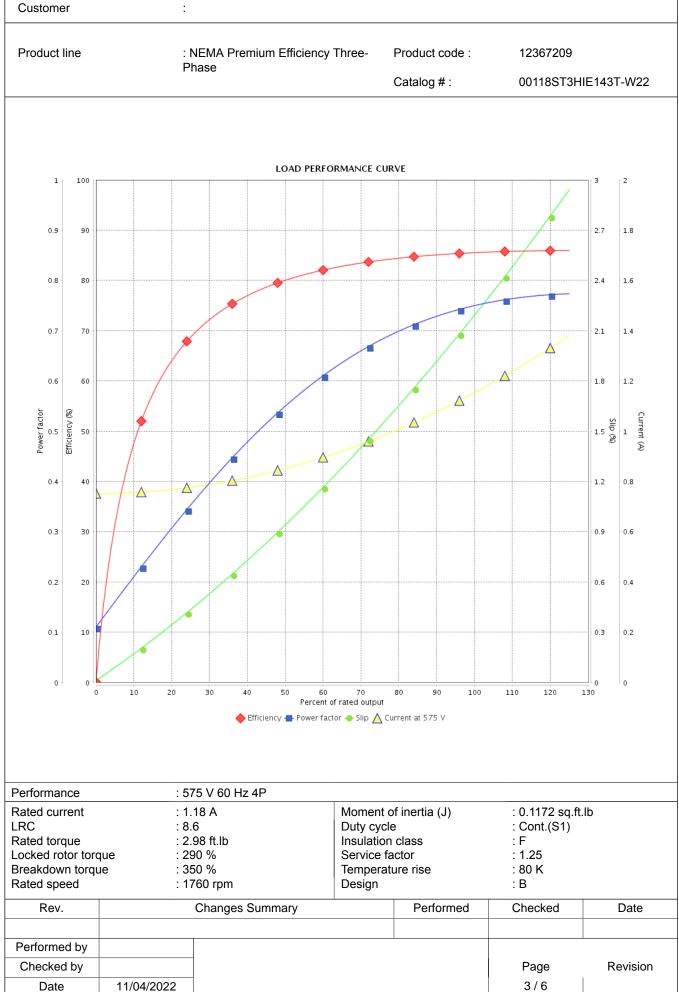
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



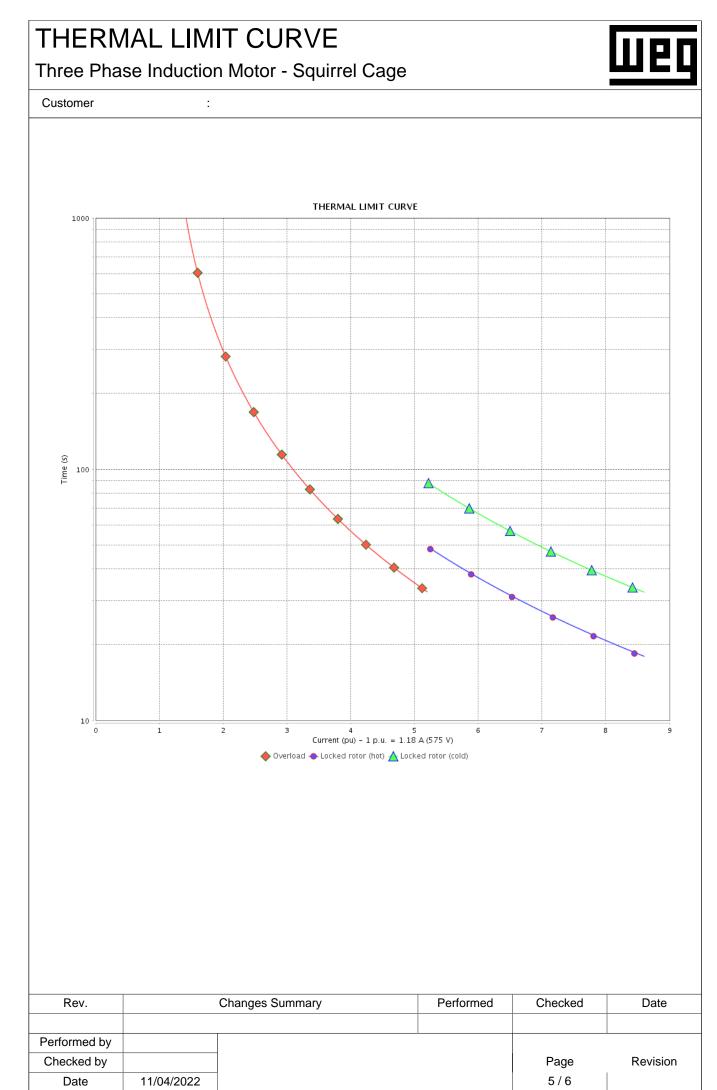
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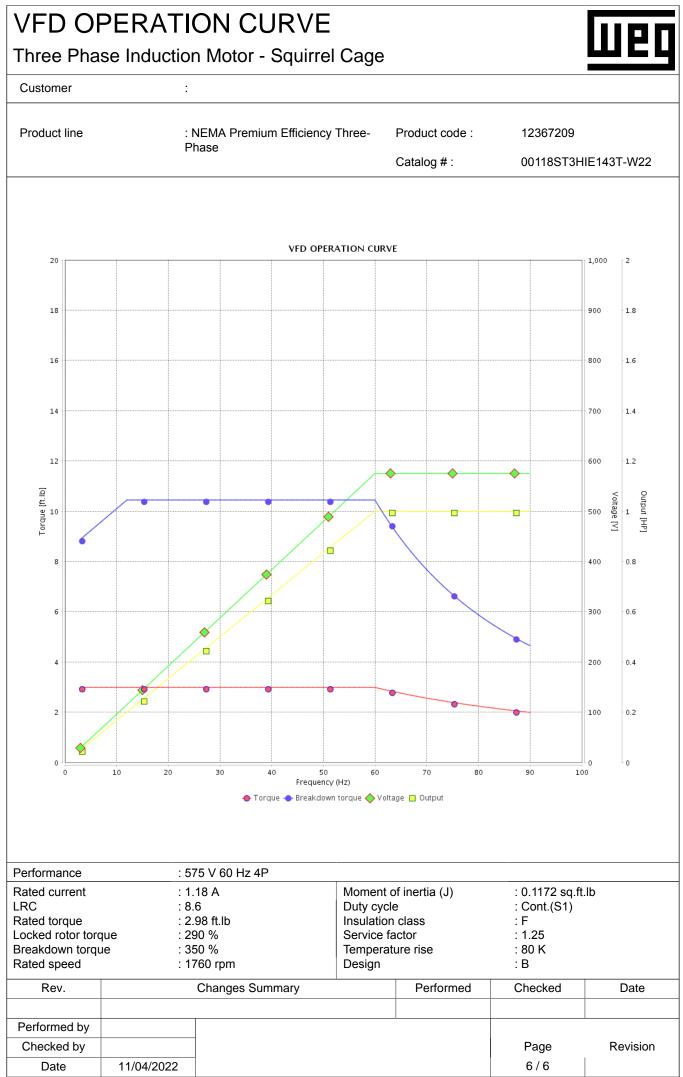
ustomer	:				
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12367209		
		Catalog # :	00118ST3HIE143T-W2		

Performance : 575 V 60 Hz 4P							
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: ; ue ;	: 1.18 A : 8.6 : 2.98 ft.lb		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.1172 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 11/04/2022				4/6			

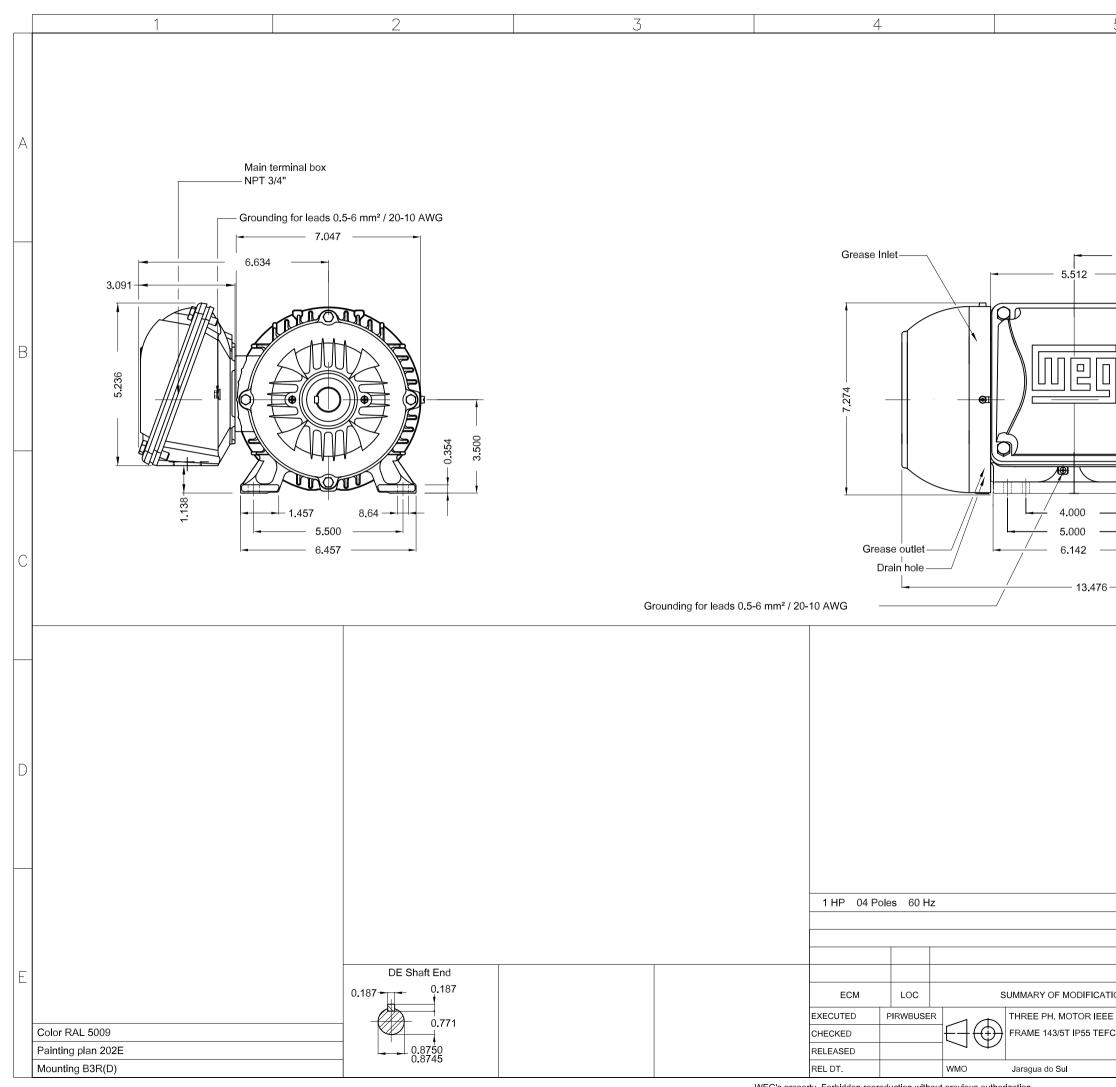
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						Dimensions in inches
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IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
841 W22 PREM. EFF		PREV	<u> </u>			
C				ШВ		A3
		WDD		шС		
Product	Engineering	SHEET	1 / 1			XME

