## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

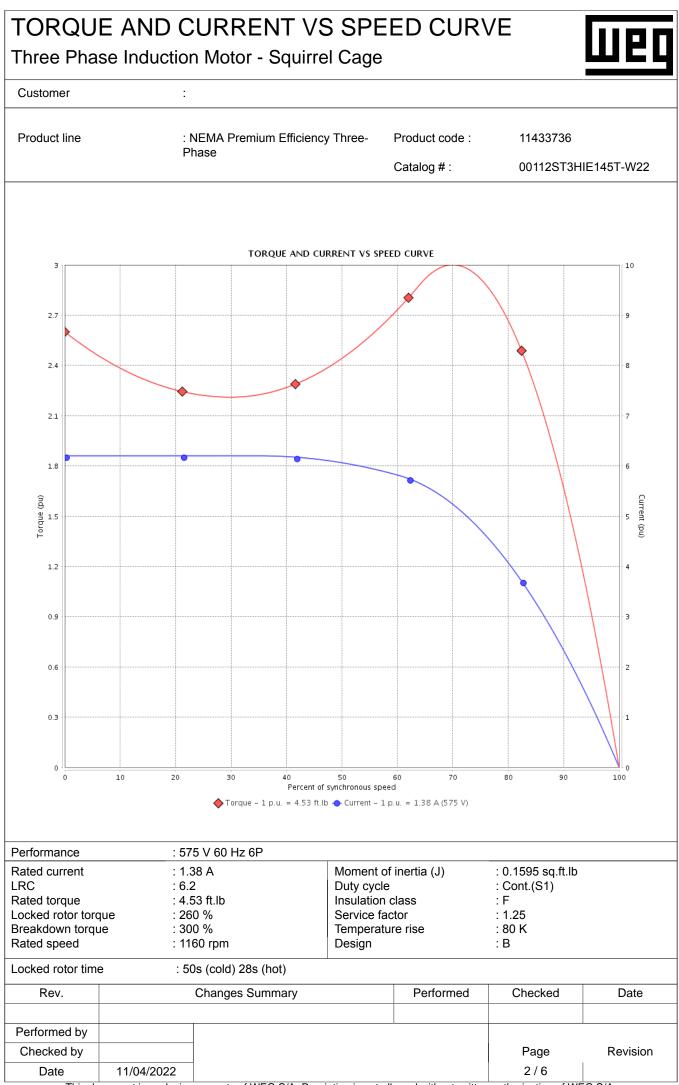
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## Customer

Product line		: NEMA Premium Efficiency Three- Phase			Ihree- F	Product code :	11433736	11433736	
			-		C	Catalog # :	00112ST3H	IIE145T-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	que ue	: 6 : 60 F : 575 : 1.38 : 8.58 : 6.2> : 0.95 : 116 : 3.33 : 4.53 : 260 : 300 : F : 1.25	P (0.75 kW Hz V 3 A 3 A (Code K) 58 A 0 rpm 3 % 3 ft.lb % %	()	Tempera Duty cyc Ambient Altitude	temperature on degree method g <sup>1</sup> vel <sup>2</sup> method	: 50s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 50.0 dB(A : Direct On : 60.9 lb	) +40°C .s.l. EFC / and CCW) A)	
Output	25%	50%	75%	100%	Foundatio	n loads			
Efficiency (%)	76.0	77.0	82.0	82.5	Max. tracti		: 88 lb		
Power Factor	0.25	0.45	0.57	0.66	Max. com		: 148 lb		
Sealing Lubrication inter	val	:		ro/Seal 000 h		Inpro/Seal 20000 h			
Lubricant amoun Lubricant type	nt	:		4 g Mo	bil Polyrex E	4 g			
Lubricant type	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc	previous o end. e of +3dB( <i>i</i>	ne, which	These are	4 g EM	based on tests w e tolerances stipu		
Lubricant type Notes This revision rep must be eliminat (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 toleranc ject to cha	previous o end. e of +3dB( <i>i</i>	ne, which A).	These are power sup	4 g EM			
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 toleranc ject to cha	previous o end. e of +3dB( <i>i</i> anges after	ne, which A).	These are power sup	4 g EM	e tolerances stip	ulated in NEM	
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 wit weight sub rocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB( <i>i</i> anges after	ne, which A).	These are power sup	4 g EM	e tolerances stip	ulated in NEM	

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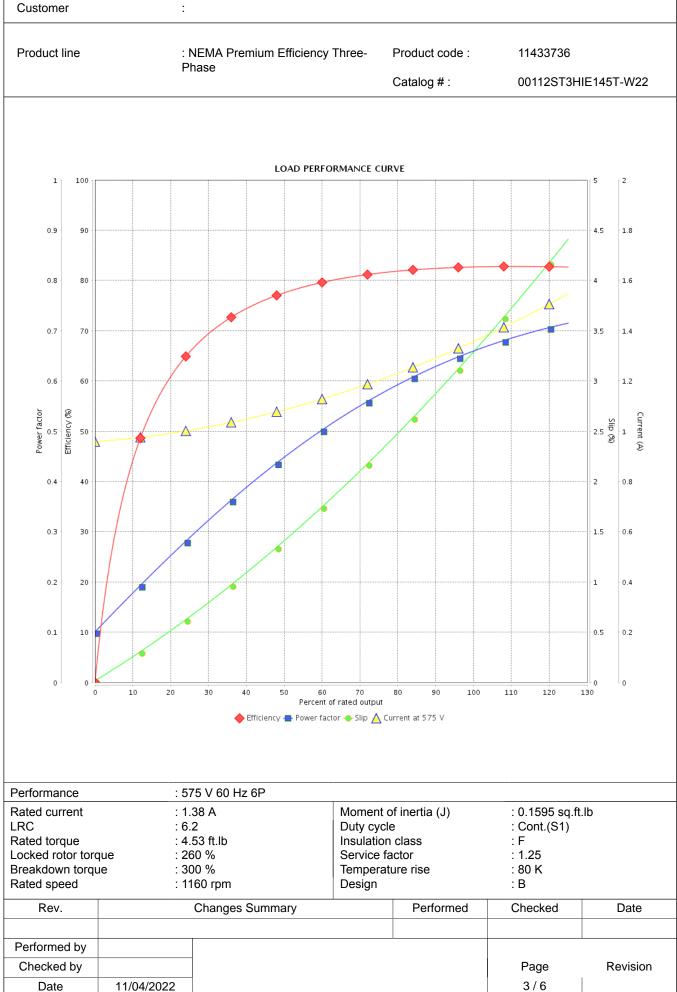


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## LOAD PERFORMANCE CURVE

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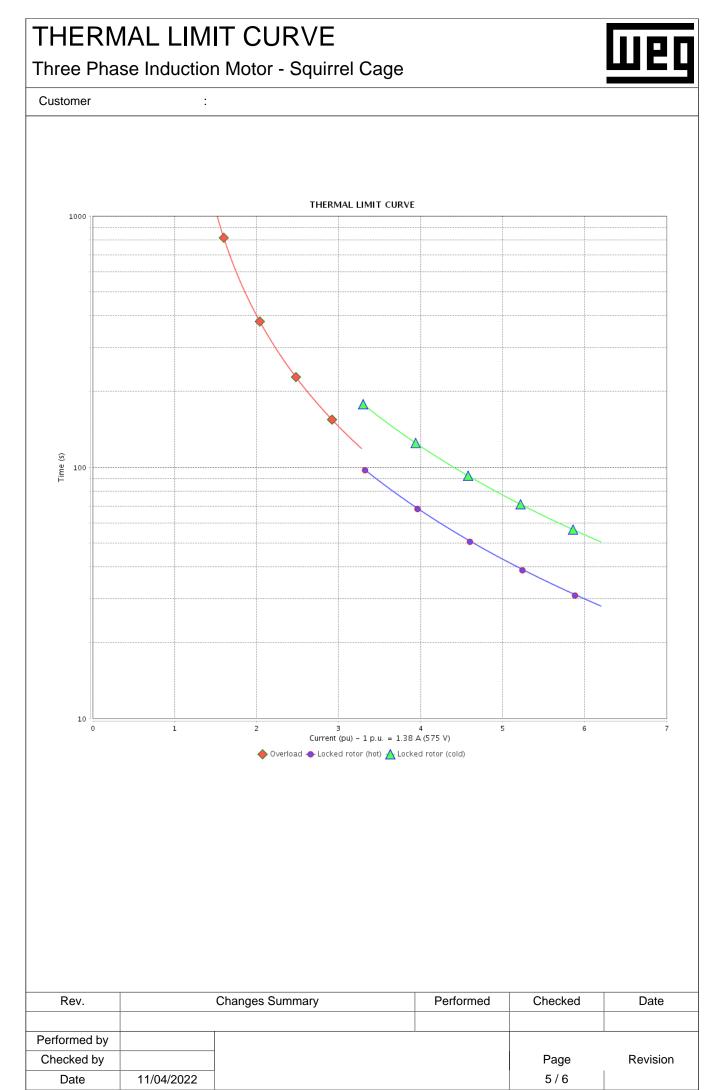
## Customer



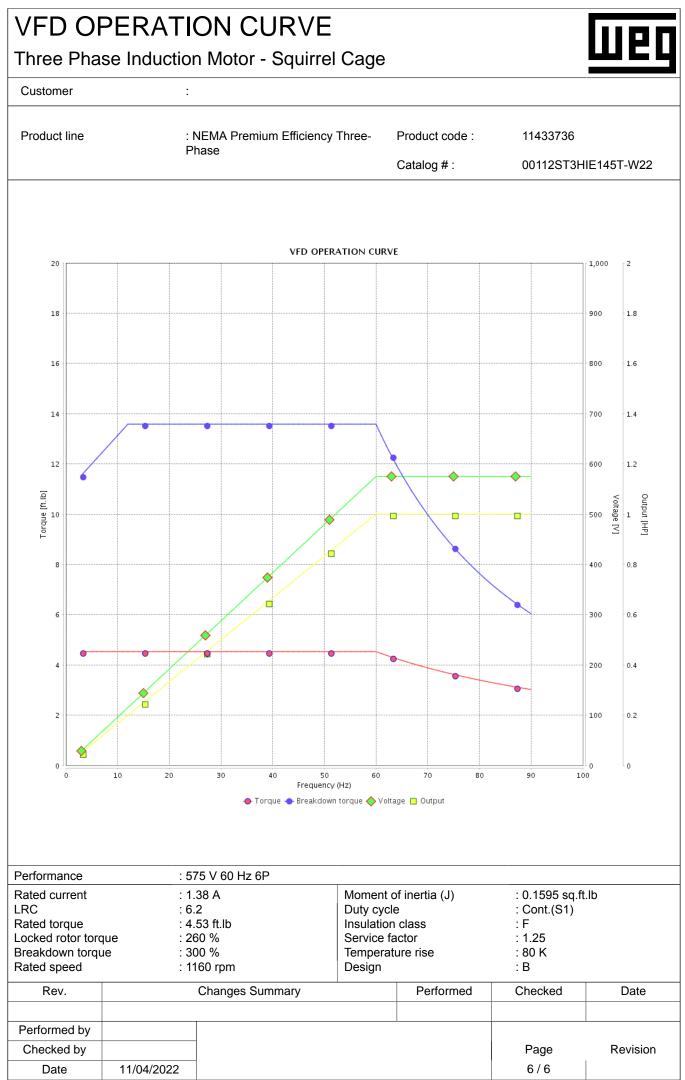
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Three Phase Induc	tion Motor - Squirrel Cage		шсч
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11433736
	Thase	Catalog # :	00112ST3HIE145T-W22

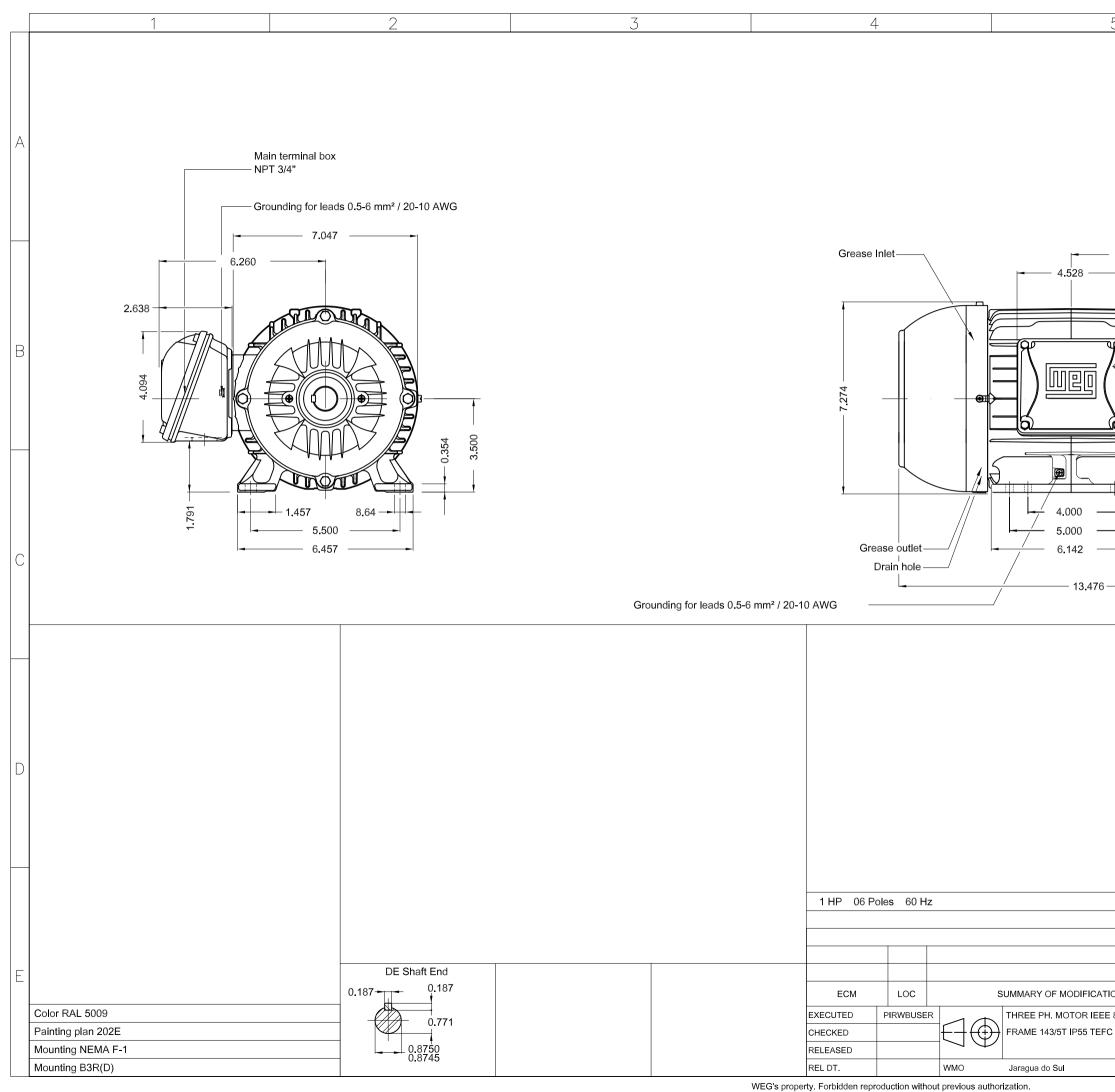
Performance	: {	575 V 60 Hz 6P				
Rated current LRC Rated torque Locked rotor torqu Breakdown torqu Rated speed	ie : 3	1.38 A 6.2 4.53 ft.lb 260 % 300 % 1160 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.1595 sq.ft : Cont.(S1) : F : 1.25 : 80 K : B	lb
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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841 W22 PREM. EFF.		PREVI				
C				IIP		A3
		WDD				
Product E	ingineering	SHEET	1 / 1			XME

