DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

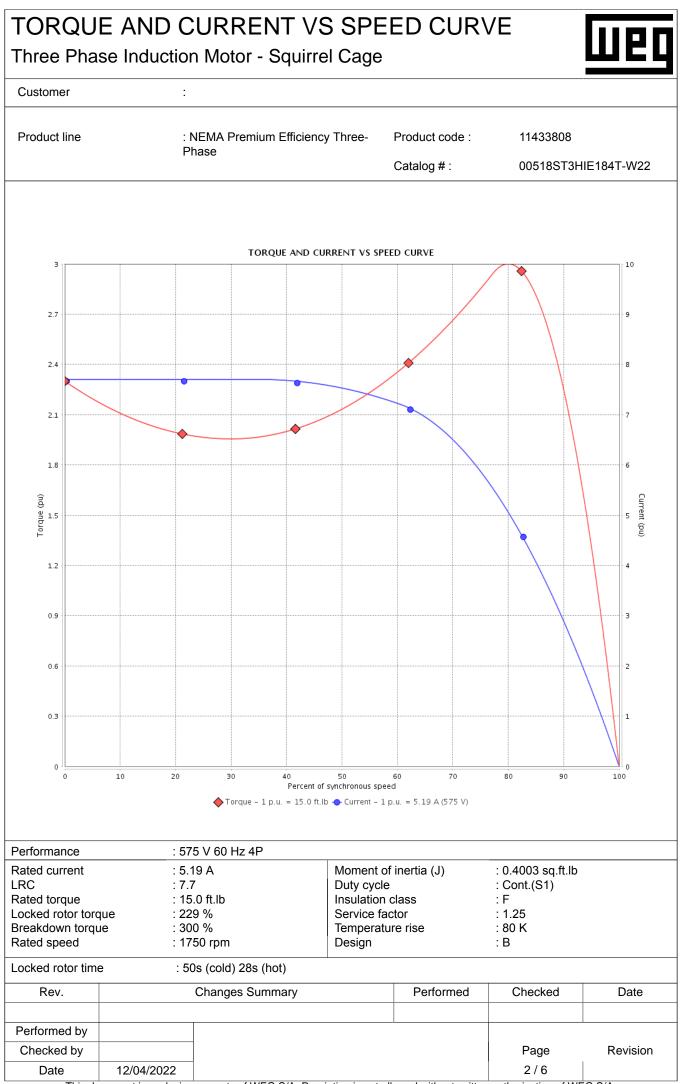
Product line		: NEMA Premium Efficiency Three- Product c Phase			Product code :	de: 11433808		
			-			Catalog # :	00518ST3F	HE184T-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti	ue	: 4 : 60 F : 575 : 5.19 : 40.0 : 7.7y : 2.32 : 175 : 2.78 : 15.0 : 229 : 300 : F : 1.25 : 0.40	P (3.7 kW) Hz V A A (Code J) 2 A 0 rpm 3 % 0 ft.lb % %		Temper Duty cy Ambier Altitude Protect Cooling Mountin Rotatio Noise I Starting	it temperature ion degree j method ng n ¹	: 50s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 56.0 dB(A : Direct On : 109 lb) +40°C s.l. EFC / and CCW) A)
Design		: B						
Output	25%	50%	75%	100%	Foundatio		666 V	
Efficiency (%) Power Factor	88.2 0.38	88.5 0.62	89.5 0.74	89.5 0.80	Max. trac Max. com		: 233 lb : 342 lb	
Sealing Lubrication inter			20	o/Seal 000 h		Inpro/Seal 20000 h		
Lubricant amoun Lubricant type Notes	nt	:		7 g Mo	bil Polyrex	5 g EM		
Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and a ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc	previous o end. e of +3dB(/	Mo	These at			
Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and a ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(/	ne, which A).	These an power su	EM Te average values		
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 a ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc ject to cha	previous o end. e of +3dB(<i>i</i> inges after	ne, which A).	These an power su	EM Te average values apply, subject to th	e tolerances stip	ulated in NEM

 Date
 12/04/2022

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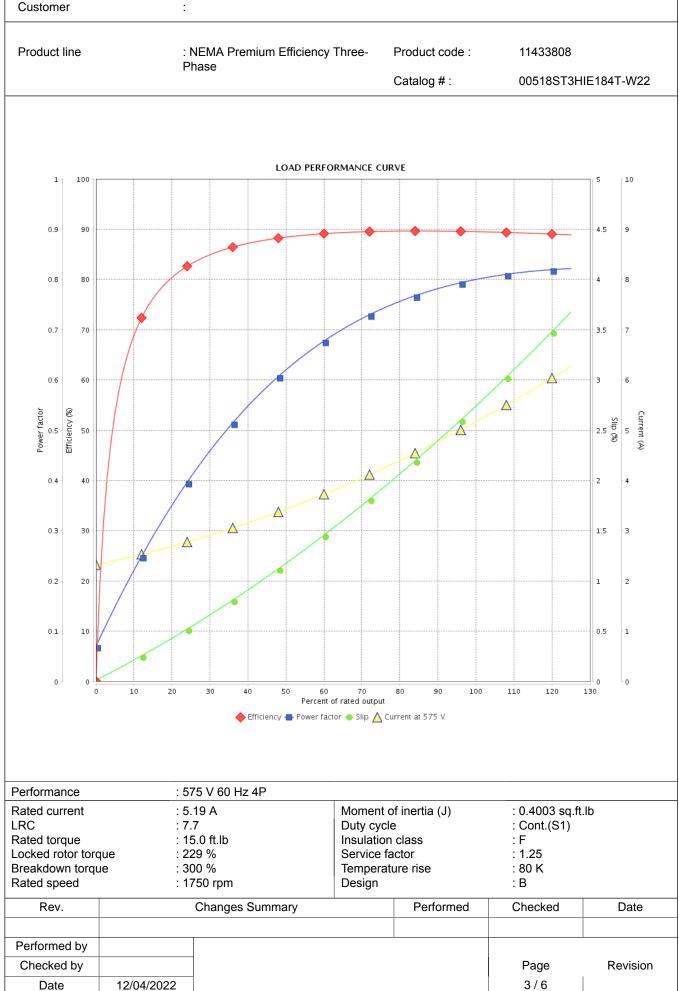




LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer

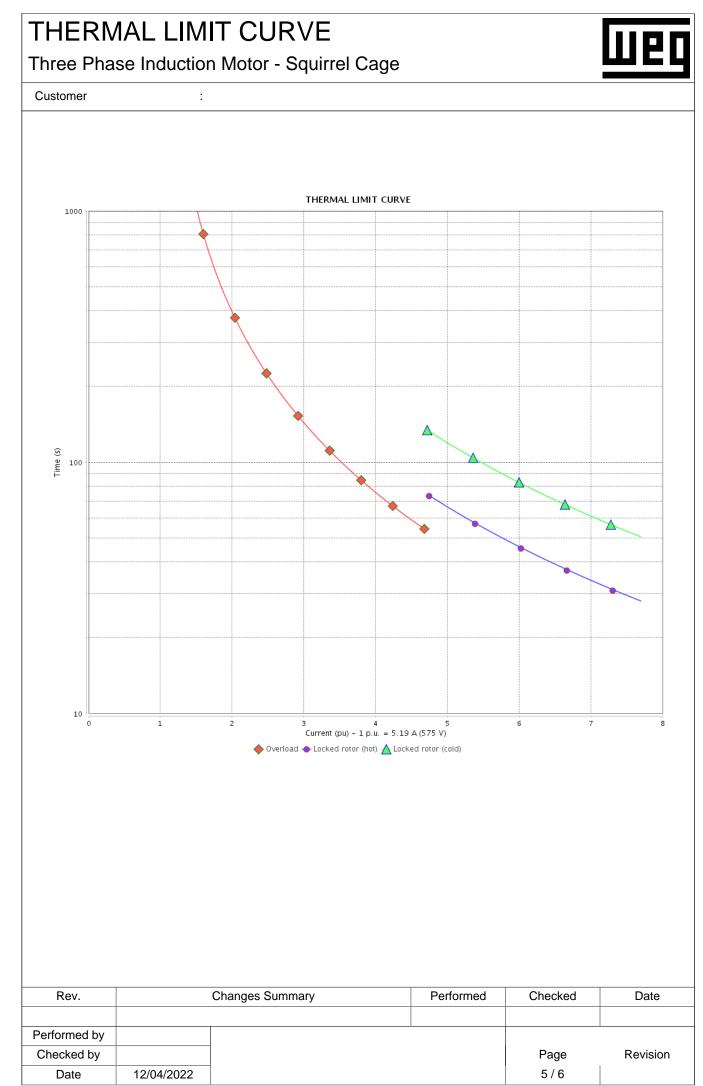


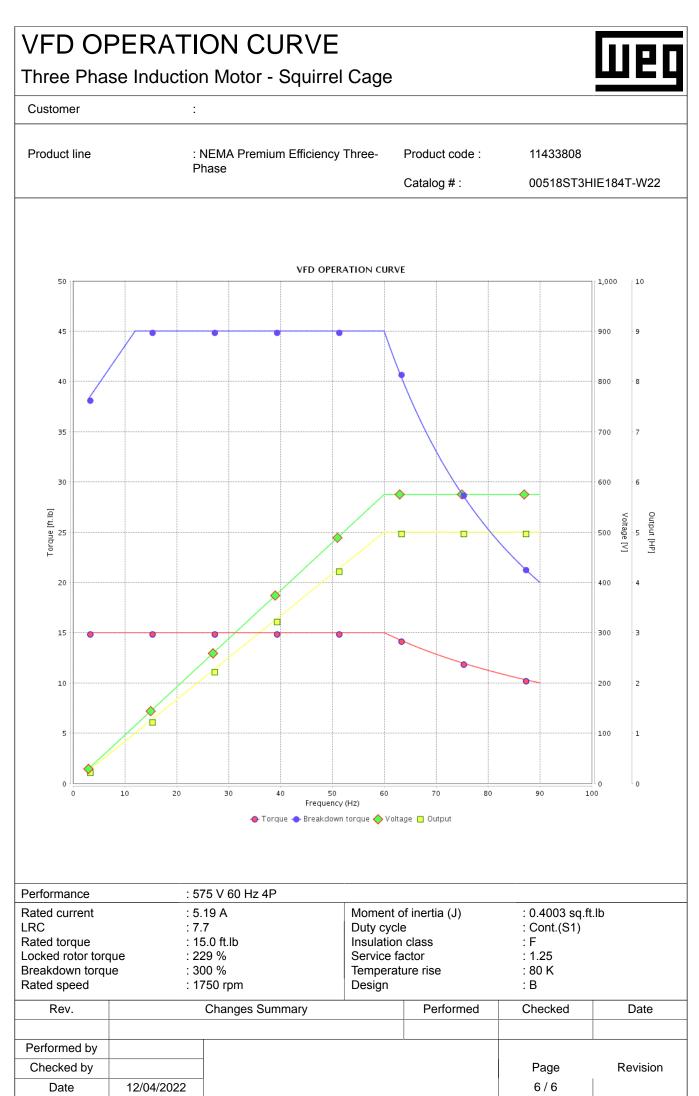
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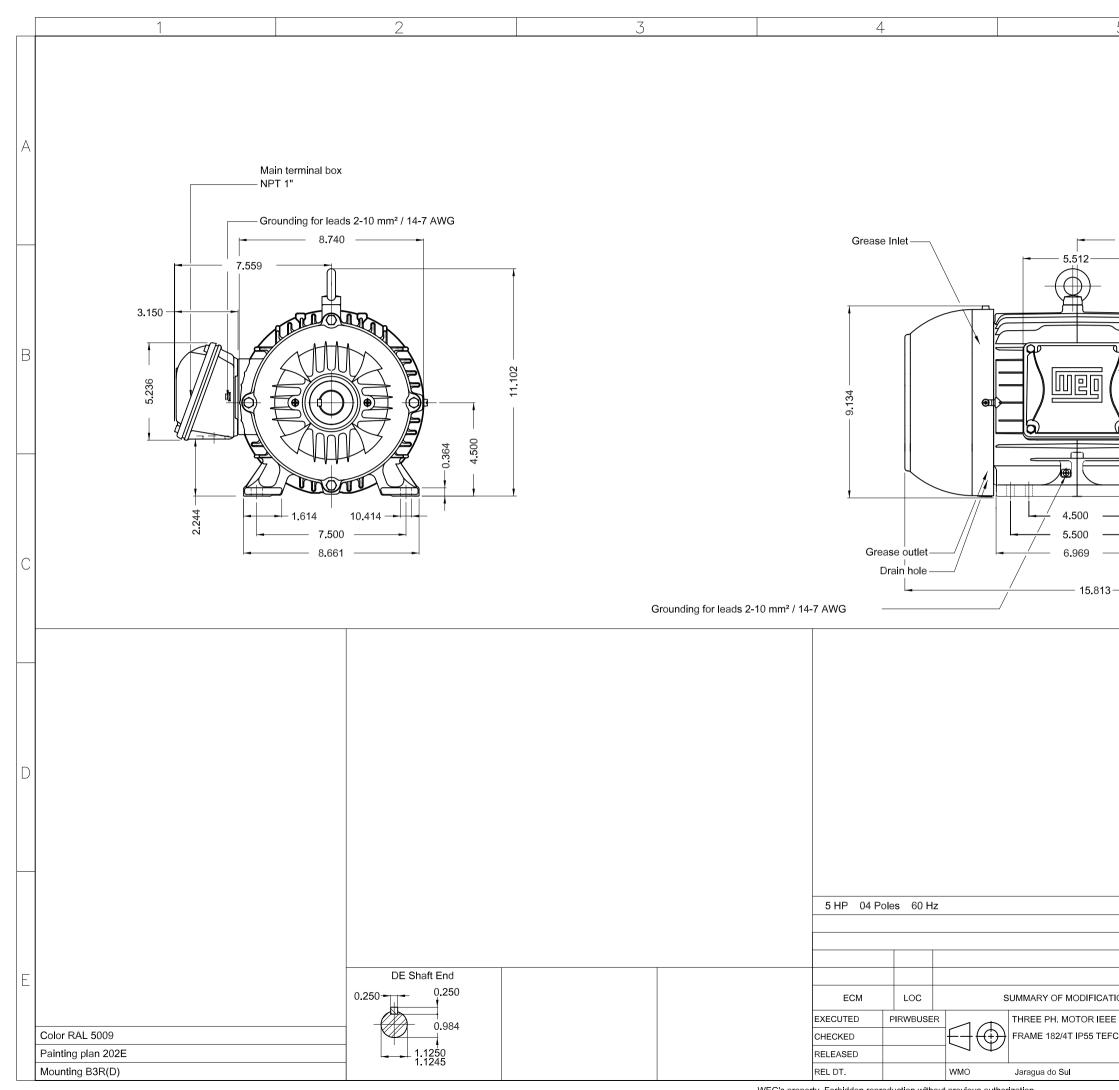
Subject to change without notice

Product line : NEMA Premium Efficiency Three- Phase Product code : 11433808 Catalog # : 00518ST3HIE1	
	184T-W22

Performance	: 5	75 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 7 : 1 que : 2 ue : 3	.19 A .7 5.0 ft.lb 29 % 00 % 750 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 0.4003 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	12/04/2022	_			4 / 6	







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Product Engineeri		XME
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