## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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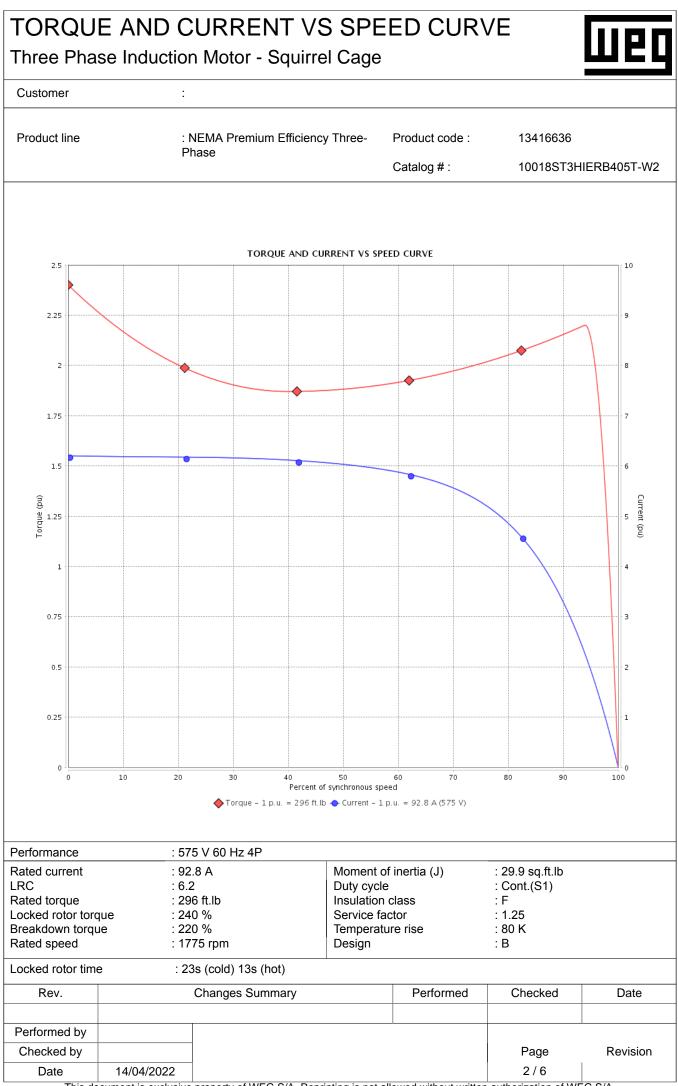
## Customer

		Phase	emium Efficiency 1		roduct code :	13416636	
				C	atalog # :	10018ST3F	IIERB405T-W2
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 404/5T : 100 HP (7 : 4 : 60 Hz : 575 V : 92.8 A : 575 A : 6.2x(Code : 25.6 A : 1775 rpm : 1.39 % : 296 ft.lb : 240 % : 220 % : F : 1.25 : 29.9 sq.ft. : B	e G)	Locked m Tempera Duty cycl Ambient Altitude Protectio Cooling r Mounting Rotation <sup>1</sup> Noise lev Starting r Approx. v	ture rise e temperature n degree nethod rel <sup>2</sup> method	: 23s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 68.0 dB(A : Direct On : 1246 lb	+40°C .s.l. EFC and CCW)
Dutput	50%	75%	100%	Foundatior	loads		
Efficiency (%) Power Factor	95.0 0.77	95.0 0.84	95.4 0.85	Max. traction		: 1331 lb : 2577 lb	
Sealing Lubrication inter Lubricant amour Lubricant type Notes			Inpro/Seal 7000 h 34 g Mo	bil Polyrex E	Inpro/Seal 12000 h 27 g M		
nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr	ed. notor from the 1m and with to weight subject ocess.	shaft end. lerance of +	3dB(A).			based on tests w e tolerances stipu	
nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr	ed. notor from the 1m and with to weight subject ocess.	shaft end. lerance of + to changes	3dB(A).	power sup			
nust be eliminate 1) Looking the m 2) Measured at 7 3) Approximate v nanufacturing pr 4) At 100% of fu Rev.	ed. notor from the 1m and with to weight subject ocess.	shaft end. lerance of + to changes	3dB(A). after	power sup	ply, subject to th	e tolerances stipι	lated in NEMA
This revision repl nust be eliminate 1) Looking the m 2) Measured at 7 3) Approximate v nanufacturing pr 4) At 100% of fu Rev. Performed by Checked by	ed. notor from the 1m and with to weight subject ocess.	shaft end. lerance of + to changes	3dB(A). after	power sup	ply, subject to th	e tolerances stipι	lated in NEMA

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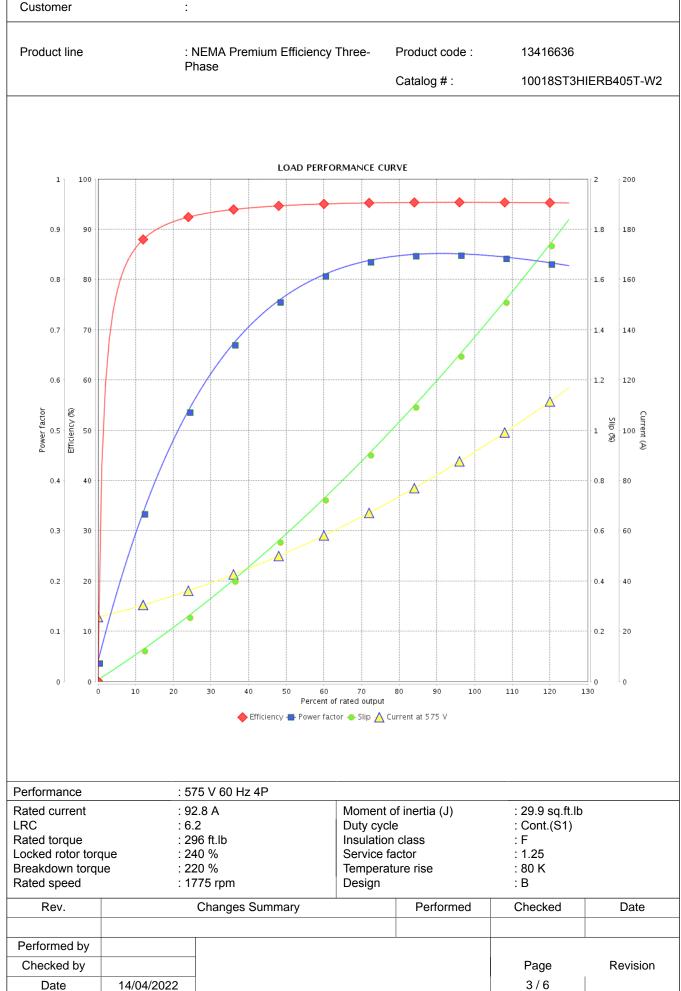
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



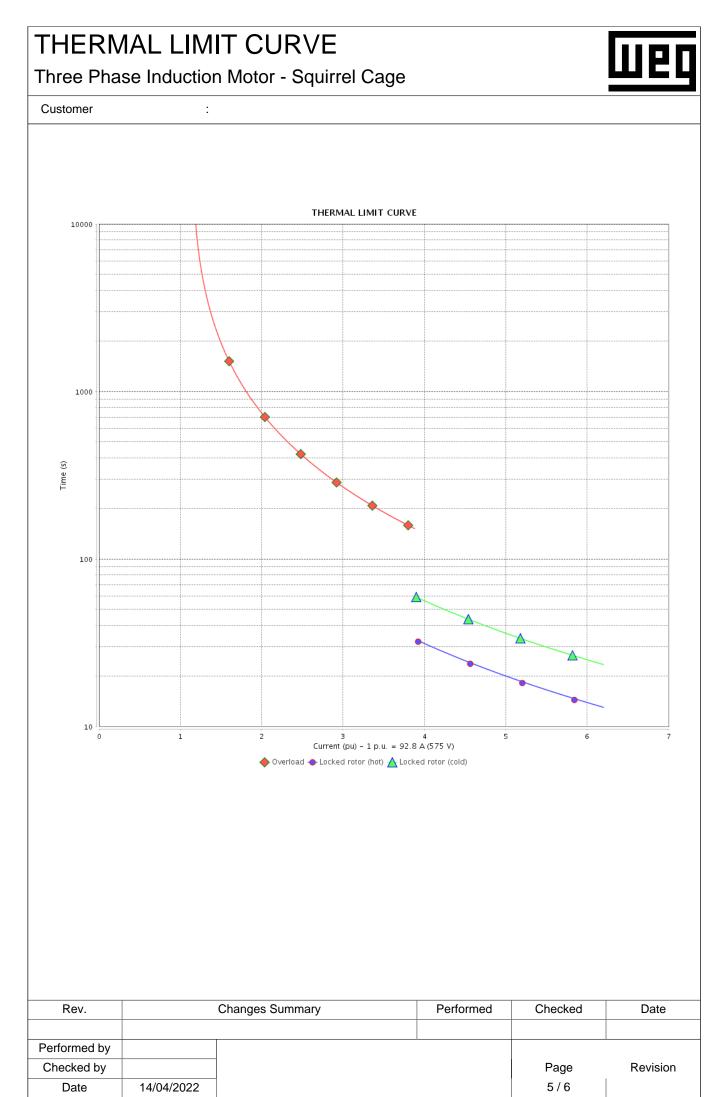
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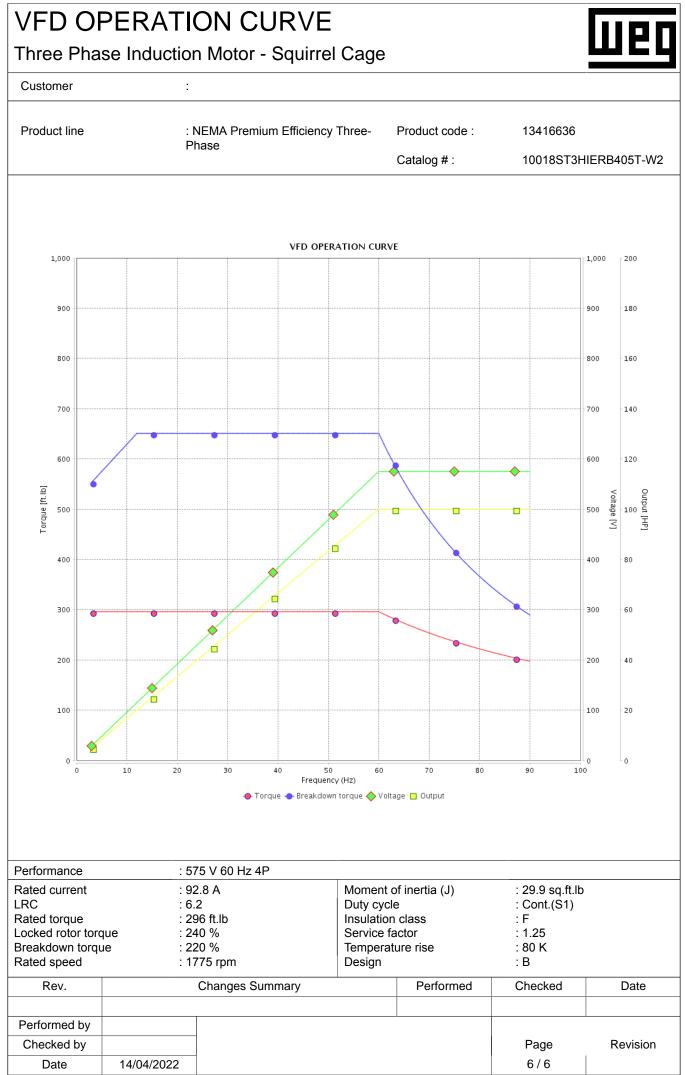
THERMAL LIMIT CURVE Three Phase Induction Motor - Squirrel Cage						
Customer		:				
Product line		: NEMA Premium Efficiency Phase		Product code : Catalog # :	13416636 10018ST3H	IERB405T-W2
Performance Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	que	: 575 V 60 Hz 4P : 92.8 A : 6.2 : 296 ft.lb : 240 % : 220 % : 1775 rpm	Moment o Duty cycle Insulation Service fa Temperate Design	class ctor	: 29.9 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant						
Rev.	L	Changes Summary		Performed	Checked	Date

Performed by				
Checked by			Page	Revision
Date	14/04/2022		4 / 6	
This do	authorization of WE	G S/A.		

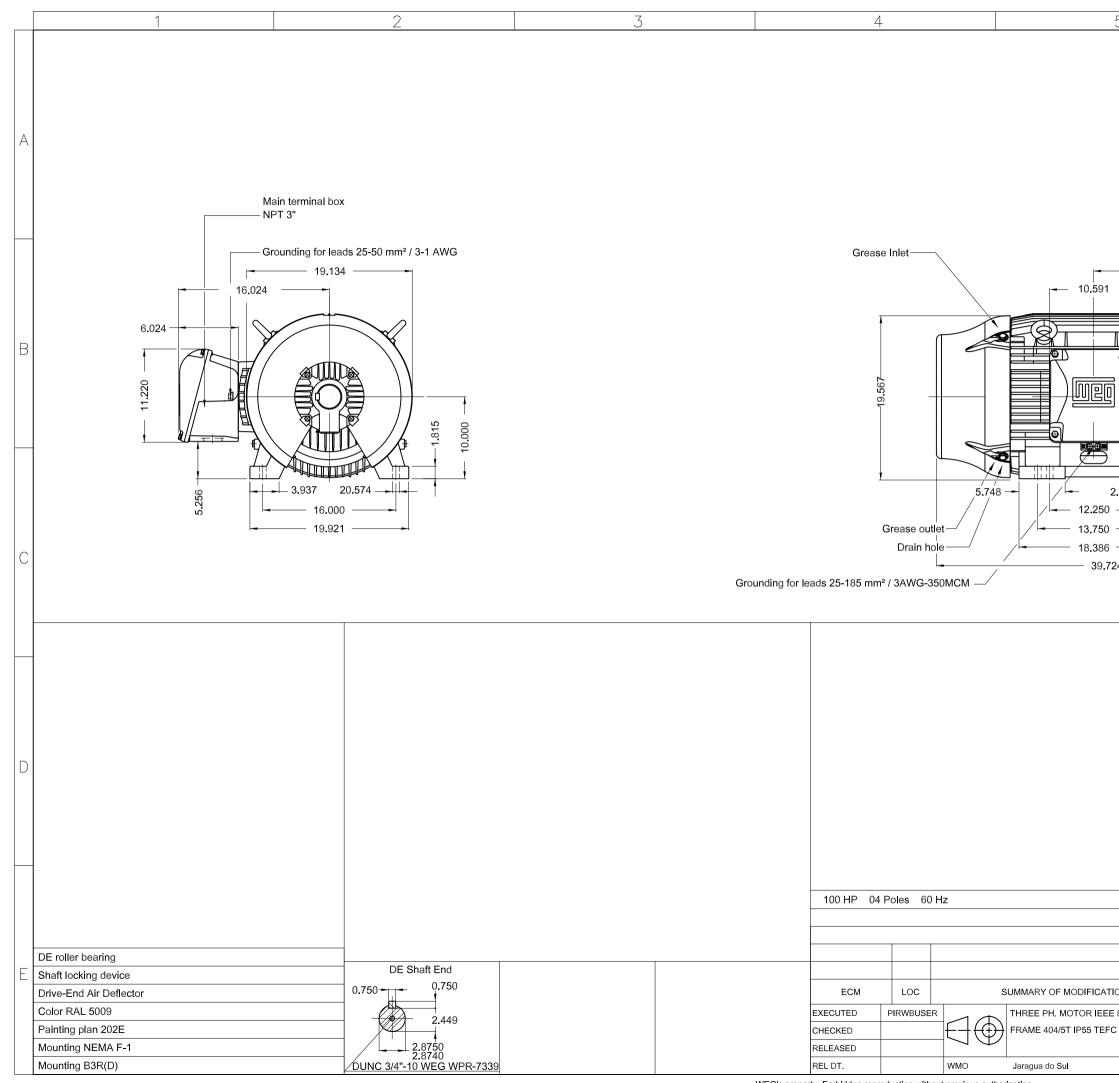
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Product	Engineering	SHEET	1 / 1			XME

