DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

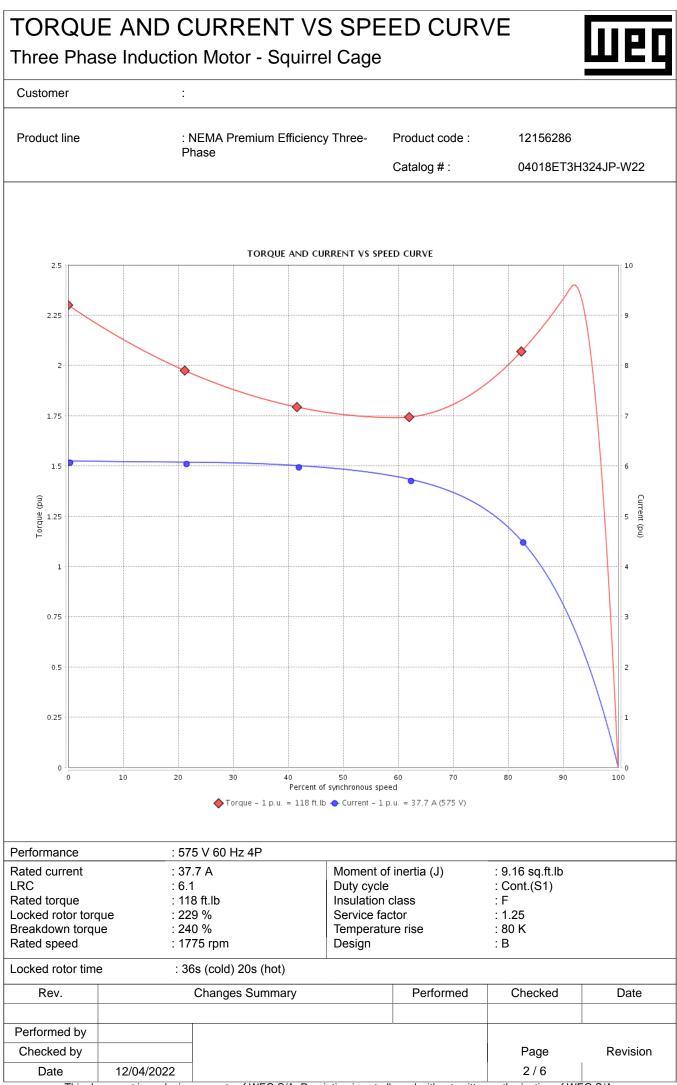
		: NEMA Pr Phase	emium Efficiency 1	Three- Product code :	12156286	12156286		
				Catalog # :	04018ET3H	1324JP-W22		
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti	ue	: 324JP : 40 HP (3 : 4 : 60 Hz : 575 V : 37.7 A : 230 A : 6.1x(Cod : 13.6 A : 1775 rpm : 1.39 % : 118 ft.lb : 229 % : 240 % : F : 1.25 : 9.16 sq.ft	e G)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: 36s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 66.0 dB(A : Direct On : 561 lb) +40°C s.l. EFC / and CCW) A)		
Design		: B						
Dutput	50%	75%	100%	Foundation loads				
Efficiency (%)	93.6	94.1	94.1	Max. traction	: 809 lb			
Power Factor	0.72	0.80	0.85	Max. compression	: 1370 lb			
Lubrication inter Lubricant amour Lubricant type		•	20000 h 21 g	20000 h 13 g	ı			
Notes		:	Mo	bil Polyrex EM				
	ed. notor from th 1m and with weight subjo rocess.	he shaft end. h tolerance of +	ous one, which •3dB(A).	These are average value power supply, subject to MG-1.				
Notes This revision rep nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr	ed. notor from th 1m and with weight subjo rocess.	he shaft end. h tolerance of + ect to changes	ous one, which •3dB(A).	These are average value power supply, subject to				
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 Date
 12/04/2022
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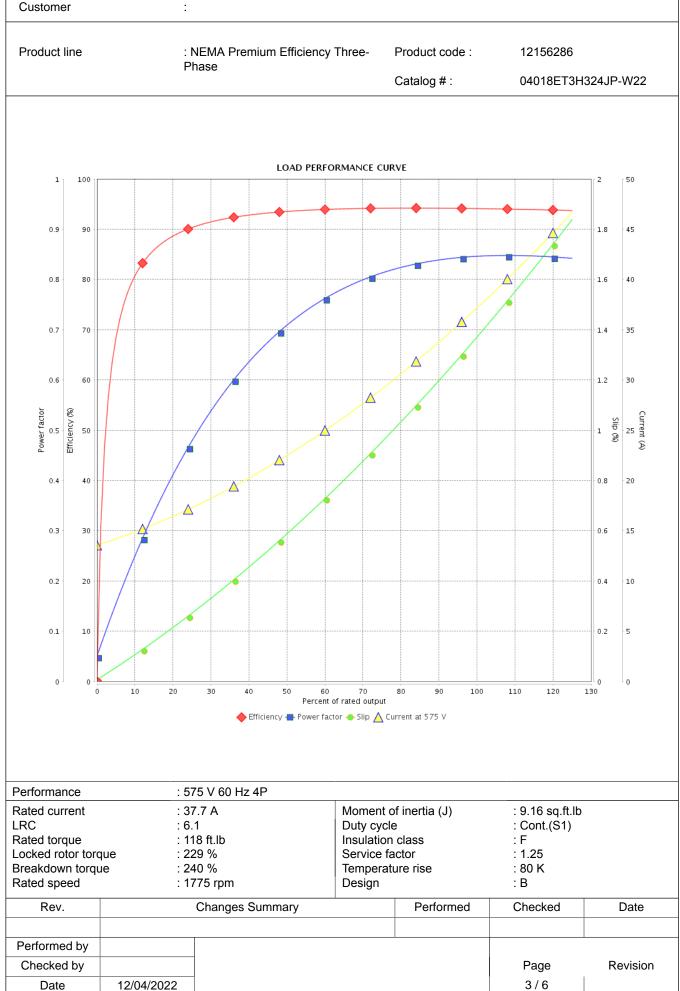


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LOAD PERFORMANCE CURVE

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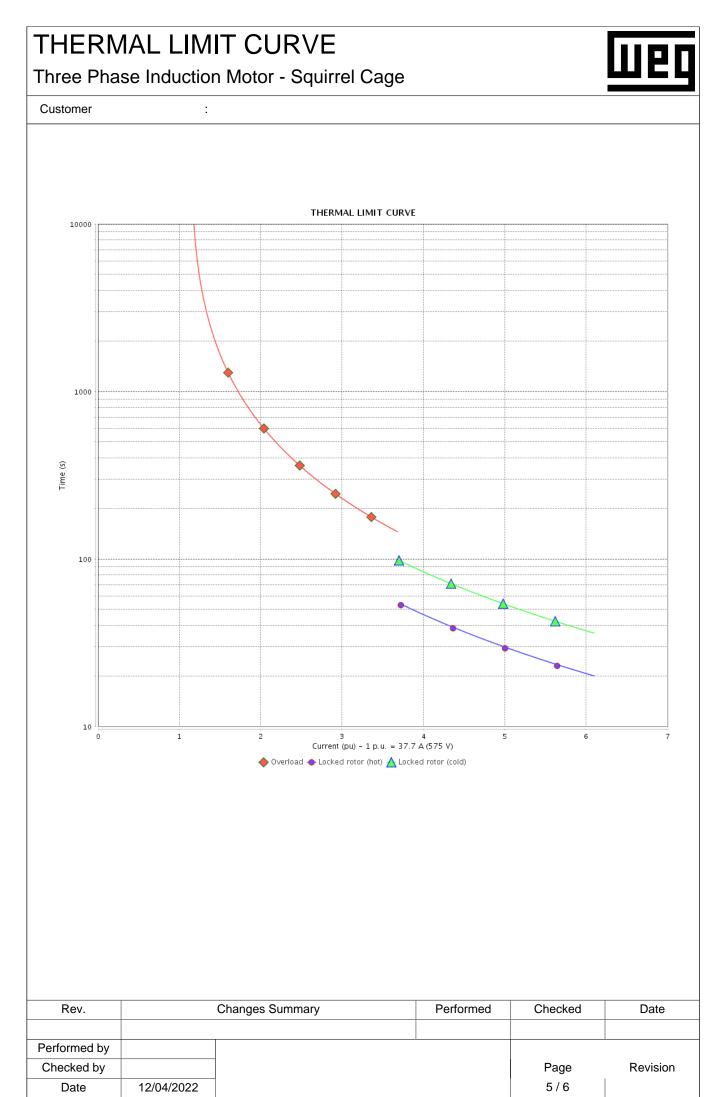
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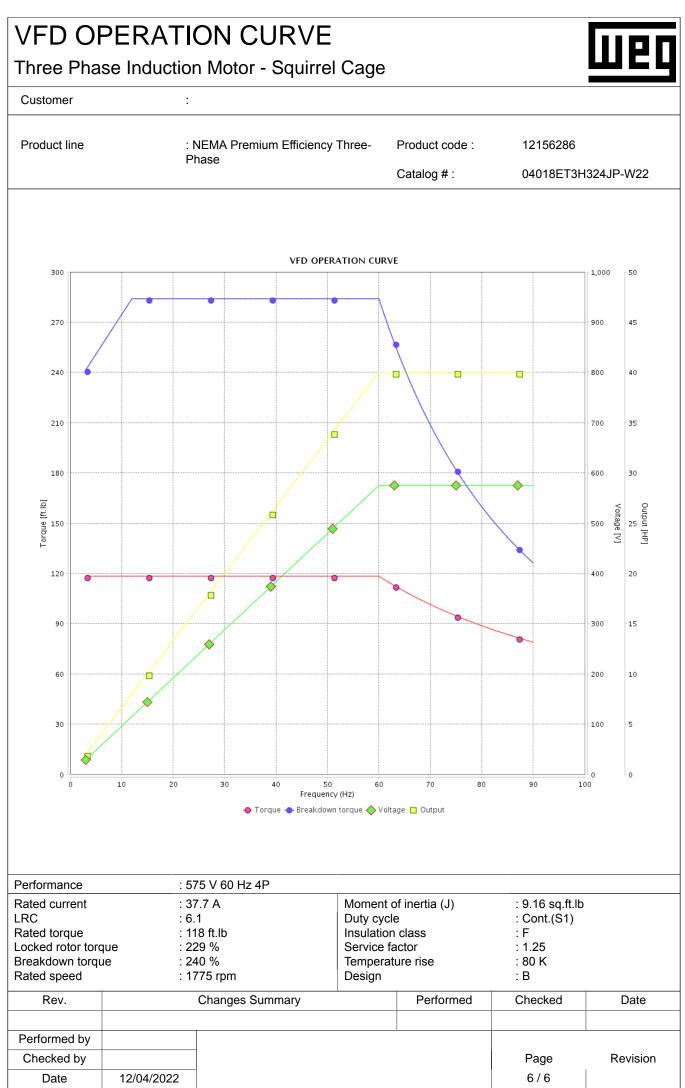
Sustomer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12156286
	1 11250	Catalog # :	04018ET3H324JP-W22

Performance : 5		75 V 60 Hz 4P						
Rated current	: 3	7.7 A Moment of inertia (J			: 9.16 sq.ft.lb			
LRC	: 6.	.1	: Cont.(S1)					
Rated torque	: 11	18 ft.lb	: F					
Locked rotor tor	que : 22	29 %	Service fa	ctor	: 1.25			
-		40 %	Temperati	ure rise	: 80 K			
		775 rpm	Design		: B			
Heating constan	t							
Cooling constant								
Rev.		Changes Summary		Performed	Checked	Date		
Performed by								
Checked by					Page	Revision		
Date	12/04/2022				4 / 6			

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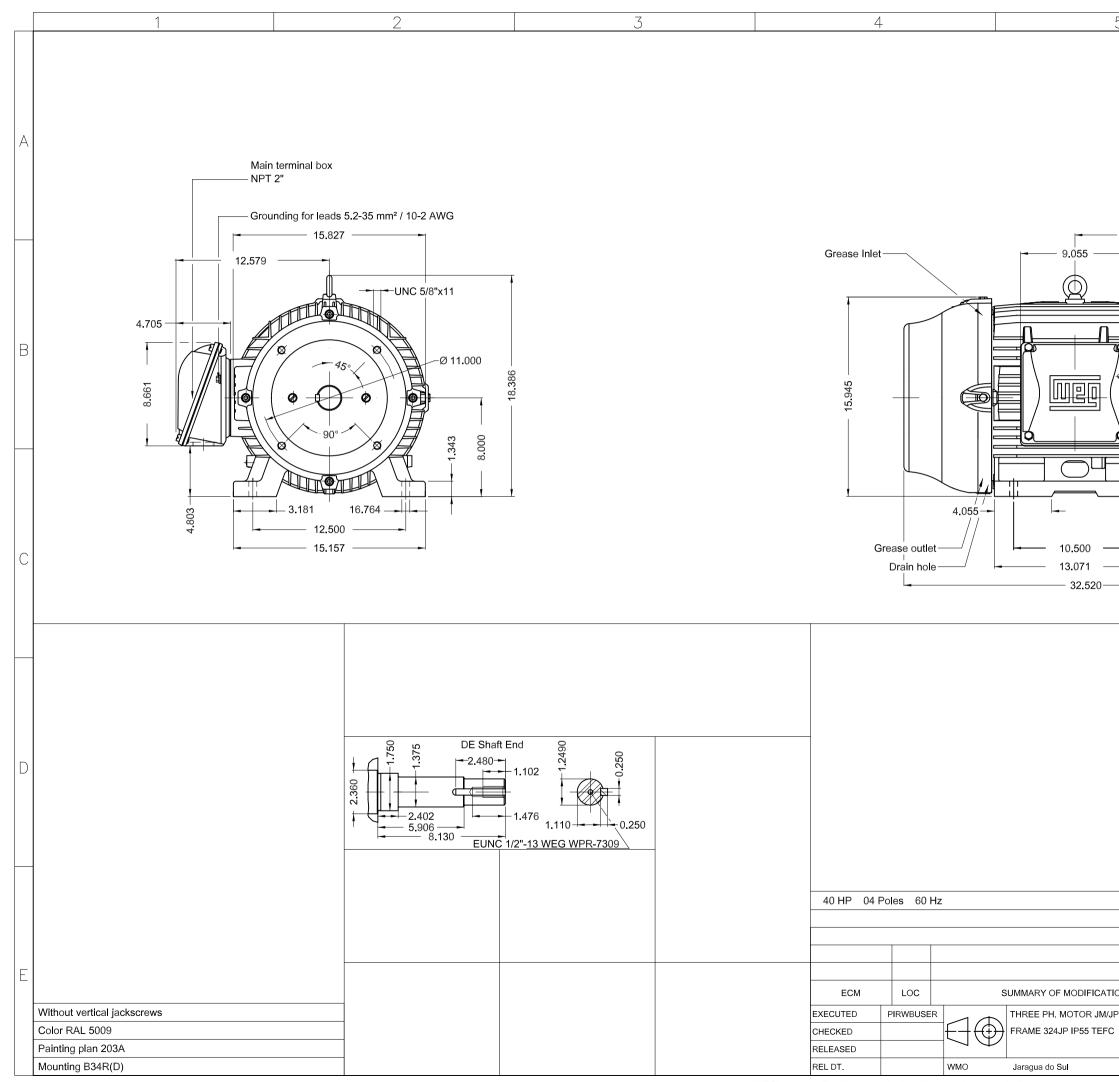


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- 10.492	-					
	/ Greas	e Inlet				
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		f				
		Ø 12.500	Ø 13.189			
	0.248					
5.250 -	<u>+</u> [─────────────────────────────────────	30			
		Drain hole				
						inches
						Dimensions in inches
						Dir
					A	
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
JP/JET PUMP W22 PF		PREVI				A3
Produc	t Engineering	WDD Sheet	1 / 1			XME
						1

V22	Inverter Duty						с	CUUS LISTED		FOR SAFE AREA MOD.TE1BF0X0N		Class I, Div 2, Gr. A, B, C and D - T3 Class I, Zone 2, IIC - T3 Class II, Div 2, Gr. F and G - T4 For use on PWM, Gr. A, B, C, D and F, VT 1000:1, CT 20:1, 1.0SF, T3A				
tJP-V ZIL	PH 3 FR 324JP HP(k					HP(kW)	_{IP(kW)} 40(30)			Hz 6	Hz 60 Г		⁶	6 ₁ 74 75		
6H324 BRA 286	v 575 A 37.7					37.7	.7			IF	°55					
18ET. IN 2156	NEMA NOM EFF				94	94.1 %		RPM 1775					Δ	L2 575V	L3	
MODEL 04018ET3H324JP-W22 MADE IN BRAZIL 12156286	ENCL TEFC DUTY		/	CONT.			INS. CL. F		ΔT	80 K	+ → 631′	-03	M	DBIL POLYREX EM		
	PF 0.85				des B		В	code G		AMB.	40°C	-→ 6312-C3 -→ 6212-C3			21 g 20000 h	
2	SF 1.25 SFA 47.			'.1	.1 ALT			ALT 1	1000 m.a.s.l.		I. 560 Lbs		Lbs			
															\Box	