DATA SHEET

Three Phase Induction Motor - Squirrel Cage

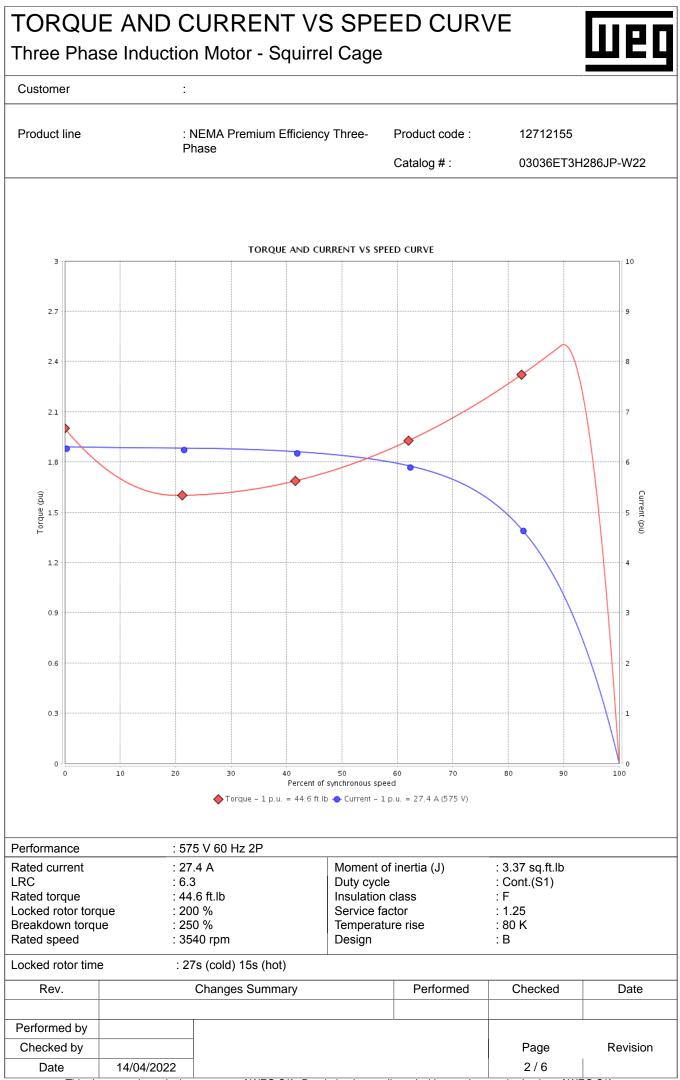
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Customer

		Phase		: NEMA Premium Efficiency Three-			127 12 155	12712155	
		1 1105	.		(Catalog # :	03036ET3H	286JP-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti	ue	: 2 : 60 H : 575 : 27.4 : 172 : 6.3x : 8.00 : 3544 : 1.67 : 44.6 : 200 : 250 : F : 1.25 : 3.37	HP (22 kW) Hz V A (Code G) A 0 rpm 7 % 5 ft.lb % %		Tempera Duty cy Ambien Altitude Protecti Cooling Mountin Rotation Noise le	t temperature on degree method g 1 ¹ vvel ² method	: 27s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - Tf : F-1 : Both (CW : 72.0 dB(A : Direct On : 406 lb	40°C s.l. EFC and CCW)	
Design		: B	750/	4000/	F				
	25%	50%	75%	100%	Foundatio				
Efficiency (%) Power Factor	91.6 0.55	91.7 0.80	91.7 0.86	91.7 0.88	Max. tract Max. com		: 282 lb : 688 lb		
Lubrication inter Lubricant amour Lubricant type Notes		:		000 h 18 g Mot	bil Polyrex	17000 h 11 g EM			
must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	ed. notor from t 1m and with weight subj rocess.	the shaft e h tolerance	nd. e of +3dB(/				based on tests wi ne tolerances stipu		
must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	ed. notor from t 1m and with weight subj rocess.	the shaft e h toleranco ject to cha	nd. e of +3dB(/	A).	power su				
must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from t 1m and with weight subj rocess.	the shaft e h toleranco ject to cha	nd. e of +3dB(/ nges after	A).	power su	pply, subject to th	ne tolerances stipu	lated in NEMA	
Performed by	ed. notor from t 1m and with weight subj rocess.	the shaft e h toleranco ject to cha	nd. e of +3dB(/ nges after	A).	power su	pply, subject to th	ne tolerances stipu Checked	lated in NEMA	
nust be eliminate 1) Looking the n 2) Measured at 3) Approximate manufacturing pr 4) At 100% of fu Rev.	ed. notor from t 1m and with weight subj rocess.	the shaft e h toleranco ject to cha Cha	nd. e of +3dB(/ nges after	A).	power su	pply, subject to th	ne tolerances stipu	lated in NEM	

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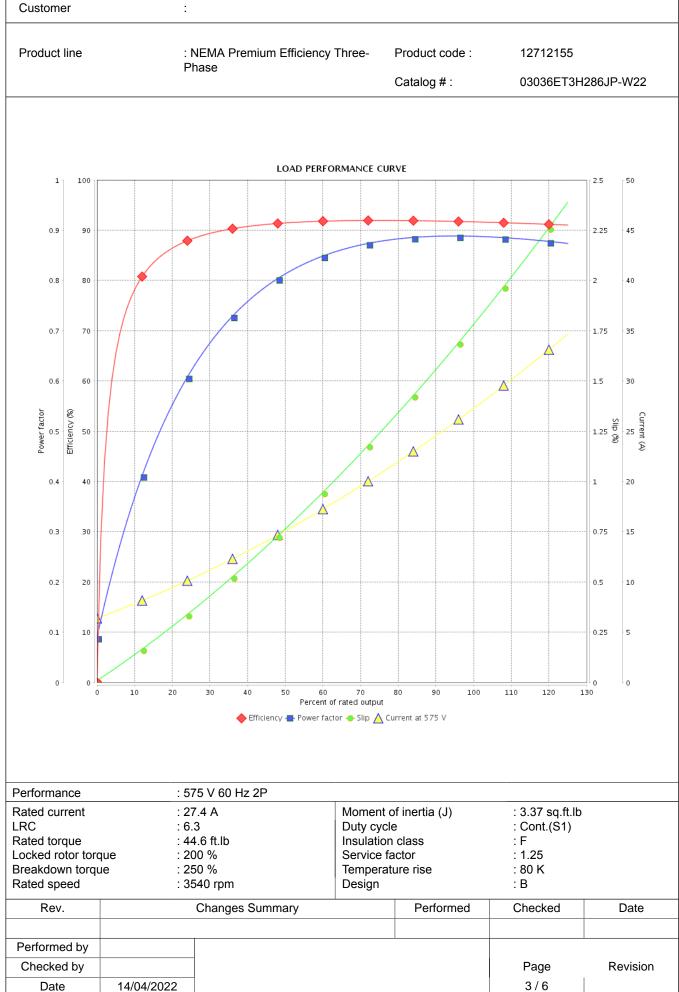


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LOAD PERFORMANCE CURVE

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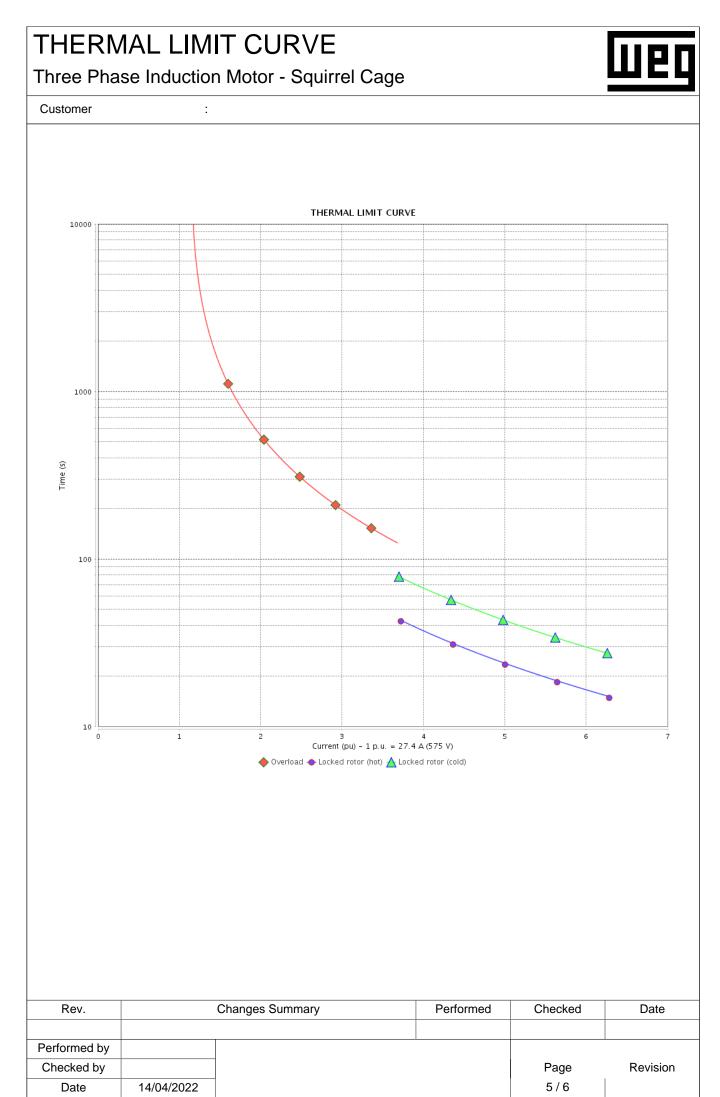
Customer



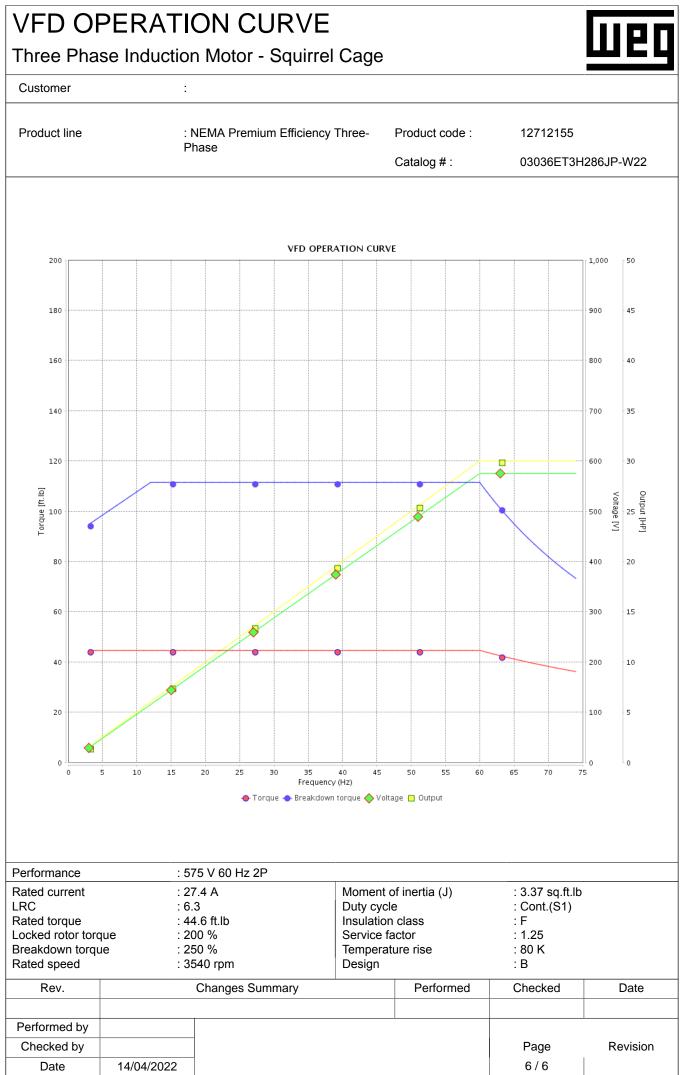
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THERMAL LIMIT CURVE						
Three Phase Induction Motor - Squirrel Cage						
Customer	:					
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12712155			
	Thase	Catalog # :	03036ET3H286JP-W22			

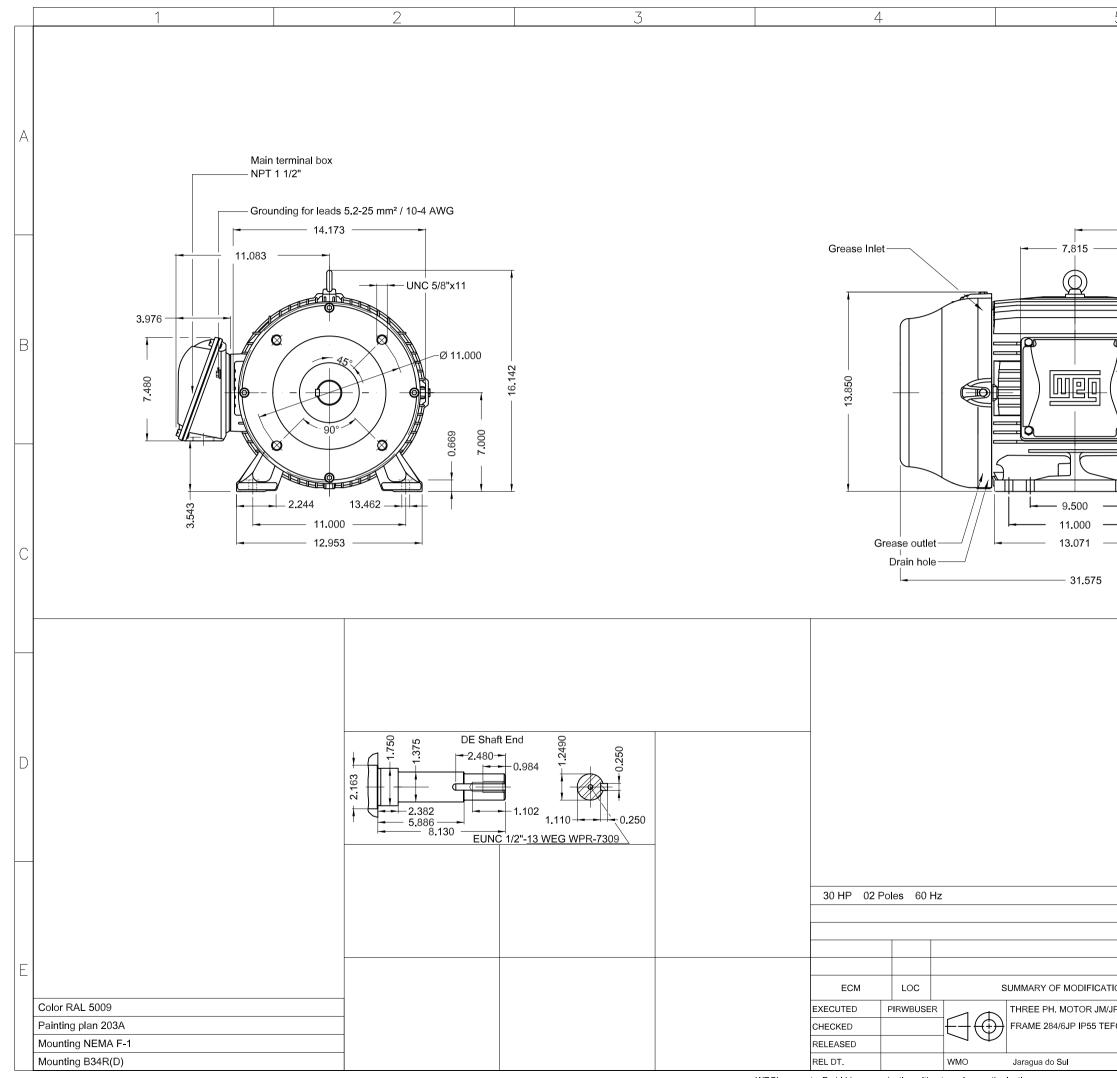
Performance	:	: 575 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 27.4 A : 6.3 : 44.6 ft.lb : 200 % : 250 % : 3540 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 3.37 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant					·	
Cooling constant						
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	14/04/2022				4 / 6	
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F						
5	Greas		0			inches
					A	Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
IP/JET PUMP W22 PREI	M. EFF.	PREVI	EW			
		WDD		Ше		A3
Product Er	ngineering	SHEET	1 / 1			XME