DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

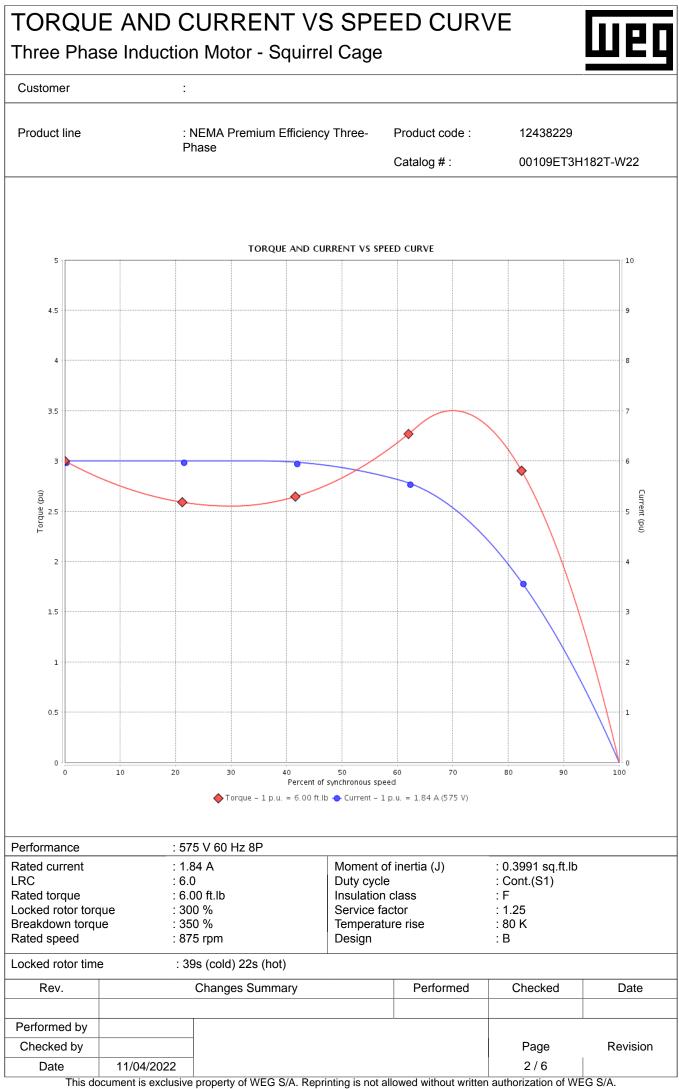
Product line		: NEMA Premium Efficiency T Phase			11100 1	Product code :	12438229	
					(Catalog # :	00109ET3H	182T-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti Design	ue	: 8 : 60 H : 575 : 1.84 : 11.0 : 6.0x : 1.36 : 875 : 2.78 : 6.00 : 300 : 350 : F : 1.25	P (0.75 kW Hz V A (Code M) A rpm 3 %) ft.lb % %)	Tempera Duty cyc Ambien Altitude	t temperature on degree method g 1 ¹ vvel ² method	: 39s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : F-1 : Both (CW : 50.0 dB(A : Direct On : 83.1 lb	40°C s.l. EFC and CCW)
Dutput	25%	50%	75%	100%	Foundatio	n loads		
Efficiency (%)	72.4	74.0	77.0	78.5	Max. tract		: 92 lb	
Power Factor	0.18	0.32	0.42	0.52	Max. com	pression	: 175 lb	
Lubrication inter Lubricant amoun Lubricant type lotes		:		- - Mo	bil Polyrex	- - EM		
					These or			
nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr	ed. notor from 1m and wit weight sub ocess.	the shaft e	nd. e of +3dB(/				based on tests wi e tolerances stipu	
nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	nd. e of +3dB(/	A).	power su			
nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu Rev.	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ inges after	A).	power su	pply, subject to th	e tolerances stipu	lated in NEMA
This revision rep nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu Rev. Performed by Checked by	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ inges after	A).	power su	pply, subject to th	e tolerances stipu	lated in NEMA

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 Date
 11/04/2022
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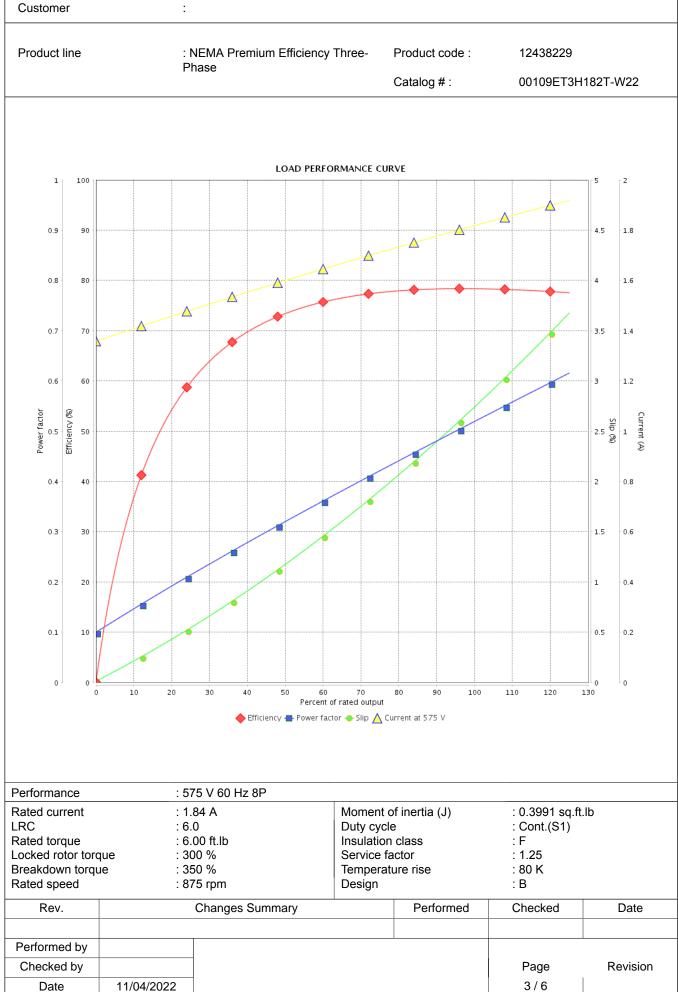


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



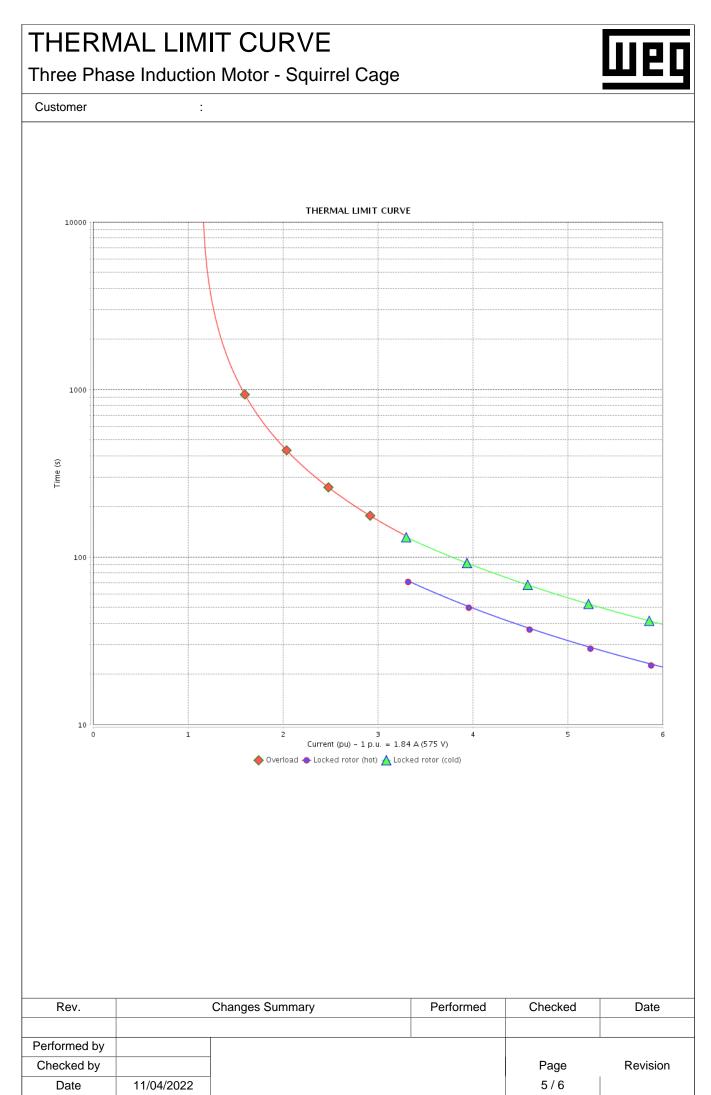
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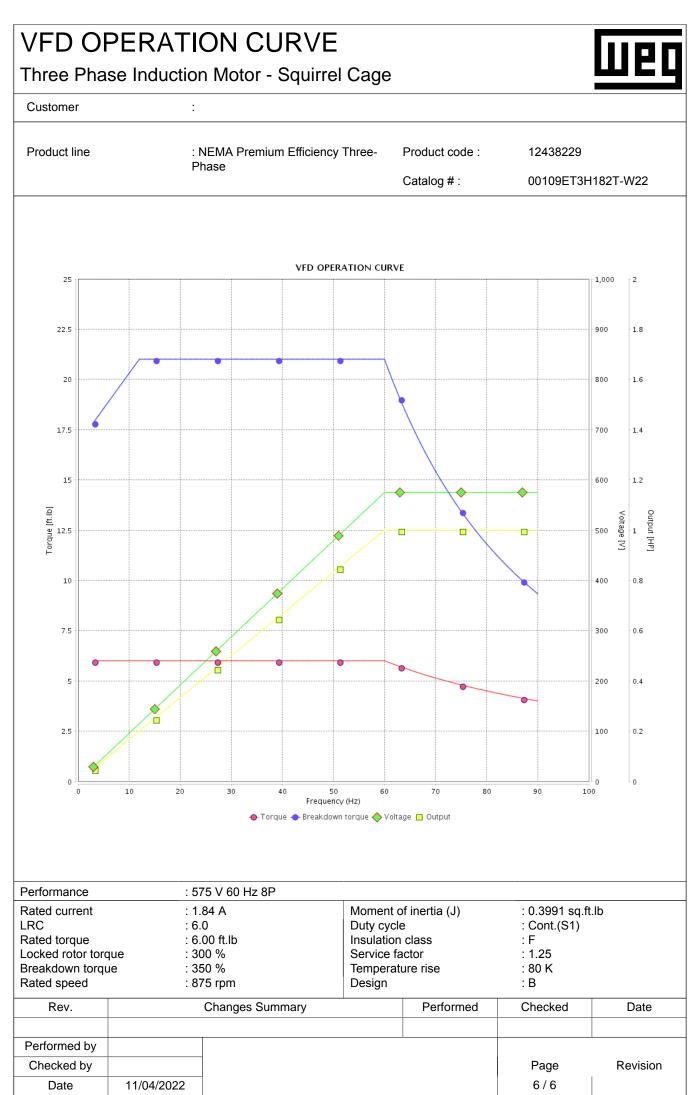
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Three Phase Ind	шсч		
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12438229
	Thase	Catalog # :	00109ET3H182T-W22

Performance	: 5	75 V 60 Hz 8P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		.84 A .0 .00 ft.lb .00 % .50 % .75 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.3991 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	11/04/2022				4 / 6	

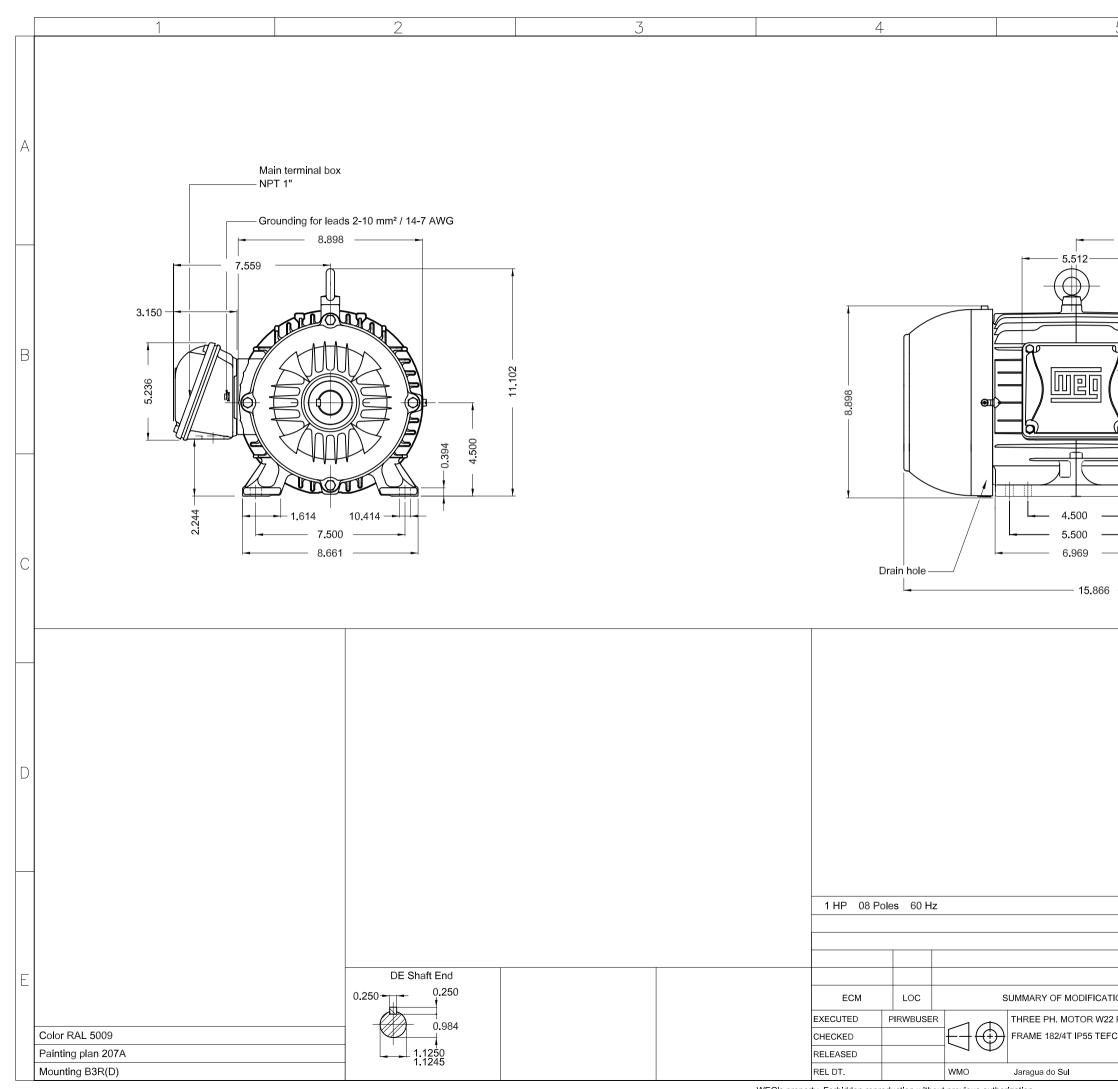
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5			6			
5.492		- 1.969 - 2.750 Drain hole				
						Dimensions in inches
IONS	EXECUTED		RELEASED	DATE	VER	
C		PREVI		ШВ		A3
Produc	t Engineering	WDD SHEET	1 / 1			XME
			,		;	

