DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

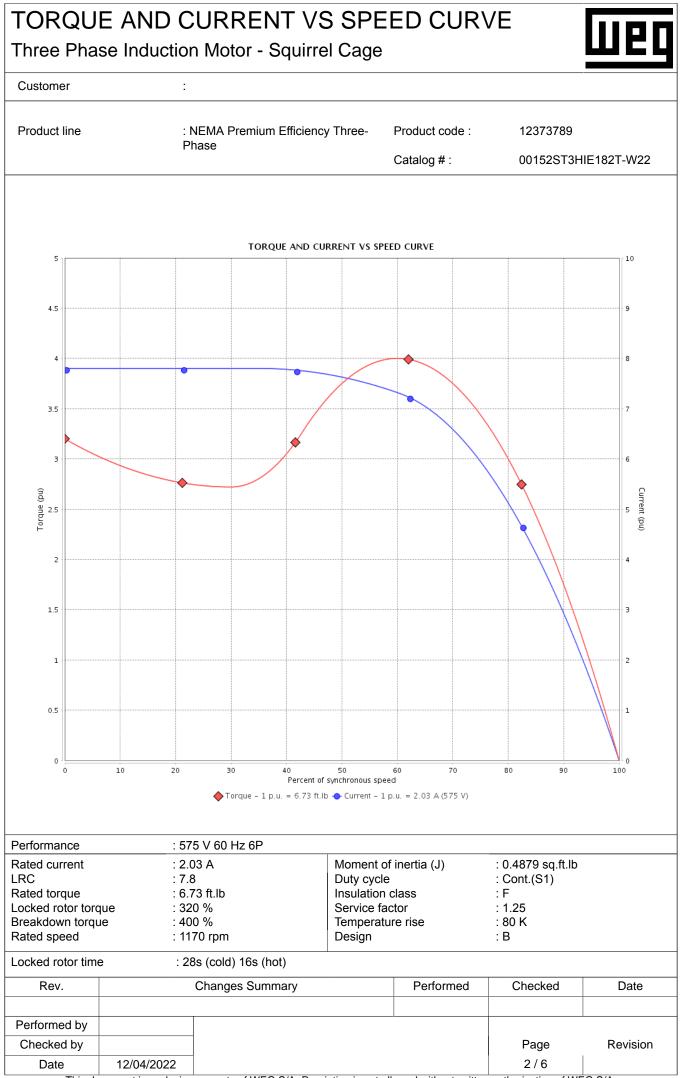
Product line		: NEMA Premium Efficiency Thi Phase			Three-	Product code :	12373789	12373789	
			~			Catalog # :	00152ST3F	IIE182T-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti	ue	: 6 : 60 F : 575 : 2.03 : 15.8 : 7.8x : 1.30 : 1170 : 2.50 : 6.73 : 320 : 400 : F : 1.25	HP (1.1 kW Hz 3 A 3 A (Code M) 0 A 0 rpm 0 % 3 ft.lb % %	/)	Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise k Starting	t temperature on degree method 1g 1 ¹	: 28s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 52.0 dB(A : Direct On : 102 lb	+40°C .s.l. EFC / and CCW)	
Design		: B							
Output	25%	50%	75%	100%	Foundatio				
Efficiency (%) Power Factor	82.8 0.25	84.0 0.45	86.5 0.54	87.5 0.62	Max. trac Max. com		: 121 lb : 223 lb		
Lubrication inter Lubricant amour		:		000 h		20000 h			
Lubricant type Notes		:		7 g Mo	bil Polyrex	5g EM			
Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e	previous o end. e of +3dB(/	Mo ne, which	These ar				
Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc oject to cha	previous o end. e of +3dB(/	ne, which A).	These ar	EM e 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 o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc oject to cha	previous o end. e of +3dB(<i>i</i> inges after	ne, which A).	These ar	EM e average values pply, subject to th	e tolerances stipu	ulated in NEM	

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 Date
 12/04/2022

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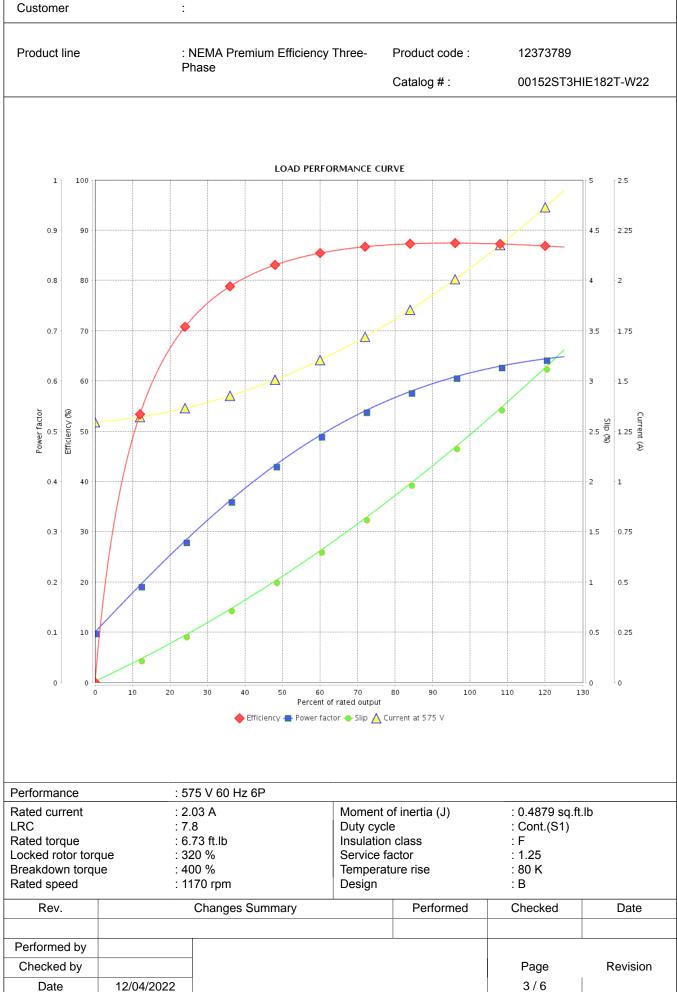


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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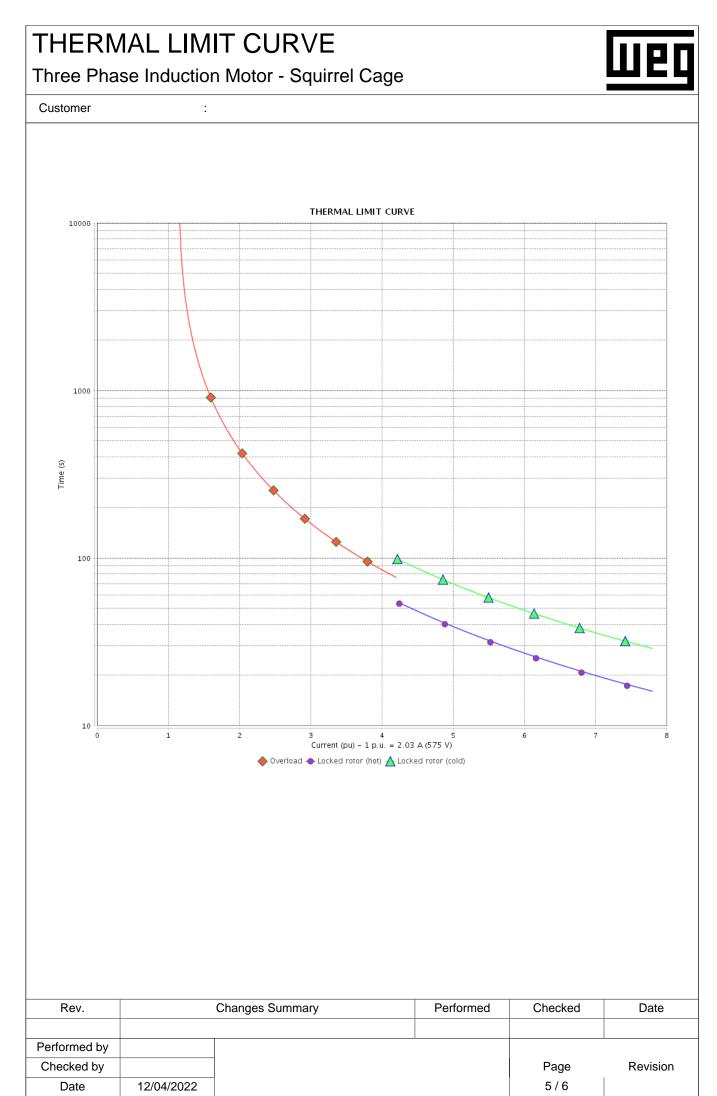
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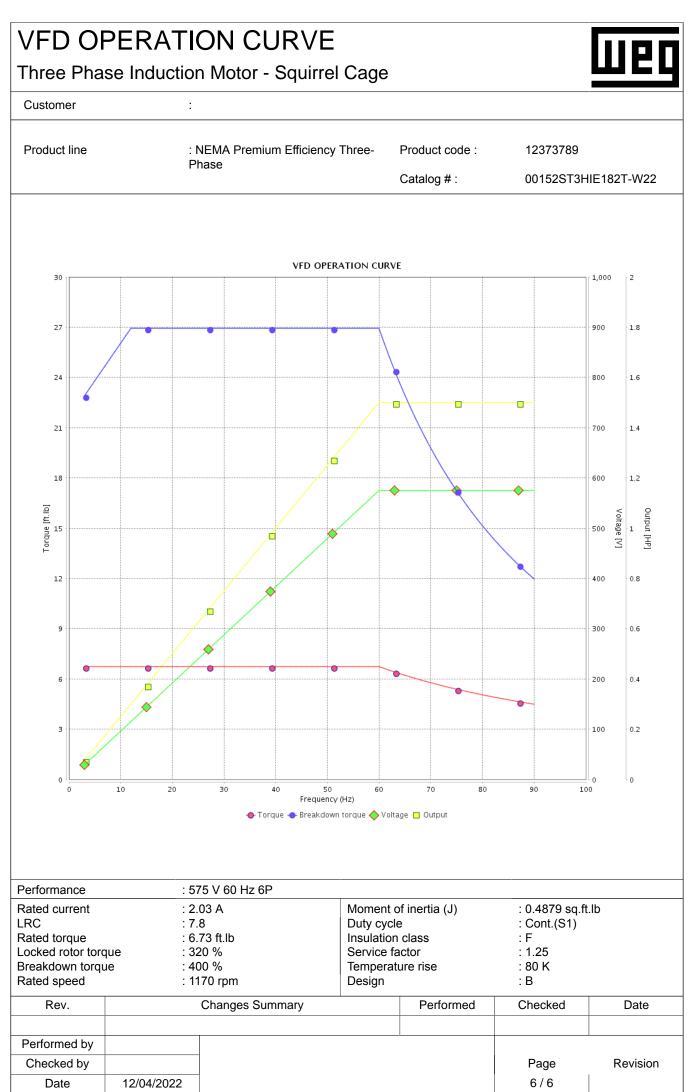
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roduct line	: NEMA Premium Efficiency Three- Phase	Product code :	12373789
	Flidse	Catalog # :	00152ST3HIE182T-W2

Performance	: 5	75 V 60 Hz 6P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 7 : 6 ;ue : 3 :e : 4	73 ft.lb 20 % 00 %	Duty cycle Insulation Service fa Temperate	class ctor	: 0.4879 sq.ft : Cont.(S1) : F : 1.25 : 80 K : B	.lb
Raled speed	. 1	170 rpm	Design		. D	
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						•
Checked by		-			Page	Revision
Date	12/04/2022	1			4/6	

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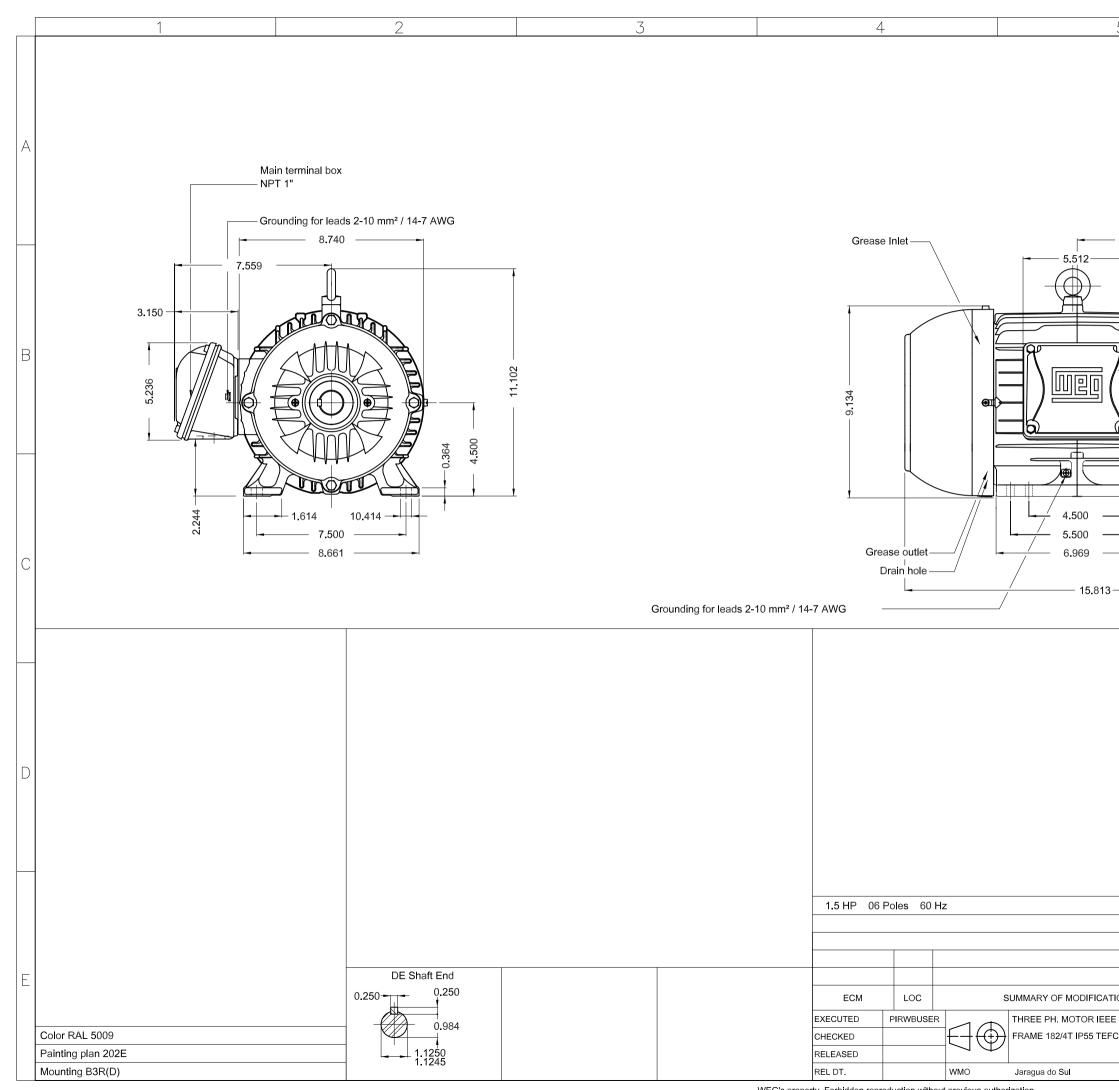


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