DATA SHEET

Three Phase Induction Motor - Squirrel Cage

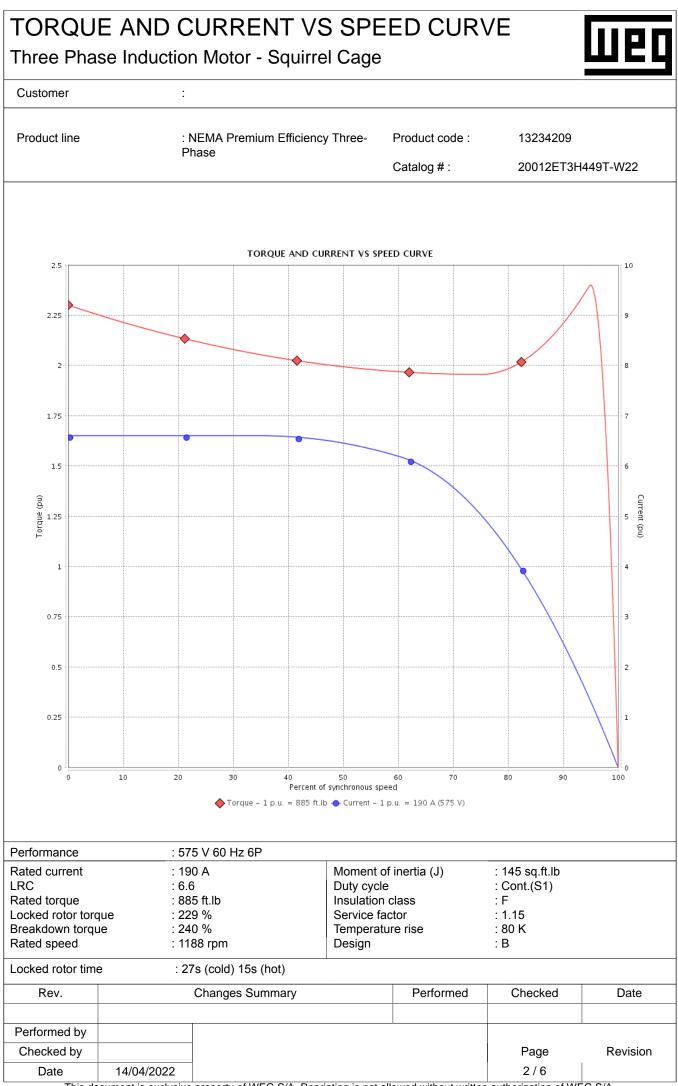
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		: NEMA Premium Efficiency Three- Phase			Three-	Product code :	13234209		
		1 11450				Catalog # :	20012ET3H	1449T-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti Design	que ue	: 6 : 60 Hz : 575 V : 190 A : 1251	IP (150 k Z A Code G) A rpm % LIb 6	W)	Tempe Duty cy Ambier Altitude Protect Cooling Mounti Rotation Noise I Starting	rotor time rature rise vcle tot temperature ion degree method ng n ¹	: 27s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 70.0 dB(A : Direct On : 2779 lb	+40°C .s.l. EFC and CCW)	
Output	25%	50%	75%	100%	Foundati	n loads			
Efficiency (%) Power Factor	94.5 0.42	95.0 0.68	95.4 0.79	95.8 0.83	Max. trac	tion	: 4267 lb : 7046 lb		
Sealing Lubrication inter	val	:	11	/Seal 000 h		WSeal 13000 h			
Lubricant amoun Lubricant type Notes	nt	:		60 g Mc	bbil Polyrex	45 g EM			
Lubricant type	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft en th tolerance	revious o d. of +3dB(/	ne, which	These a				
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 en th tolerance ject to chan	revious o d. of +3dB(/	ne, which A).	These a power st	EM Te average values			

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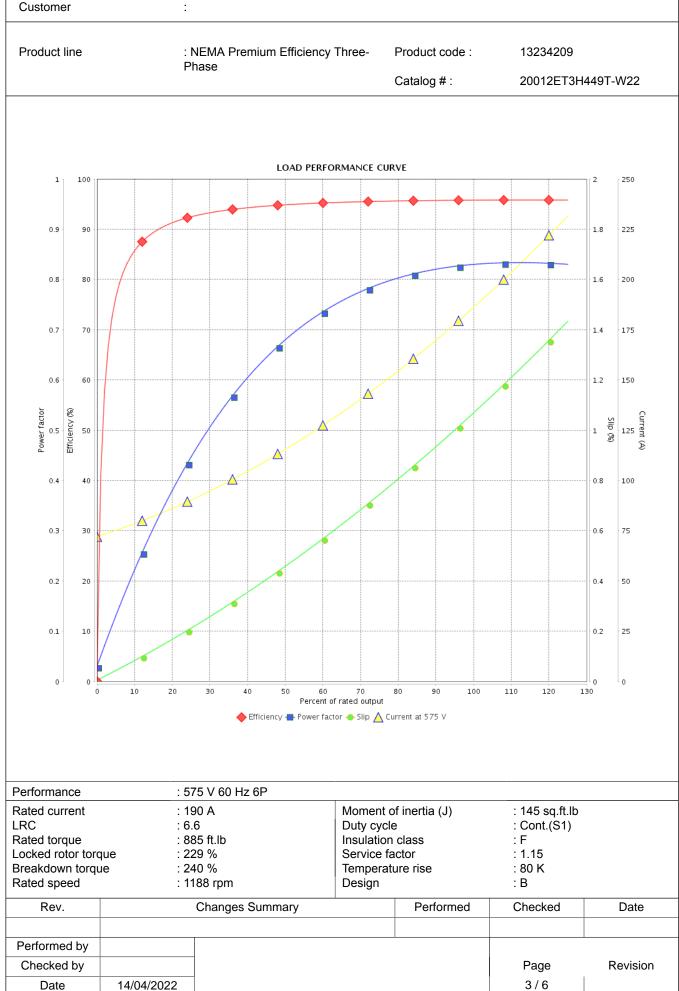


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer

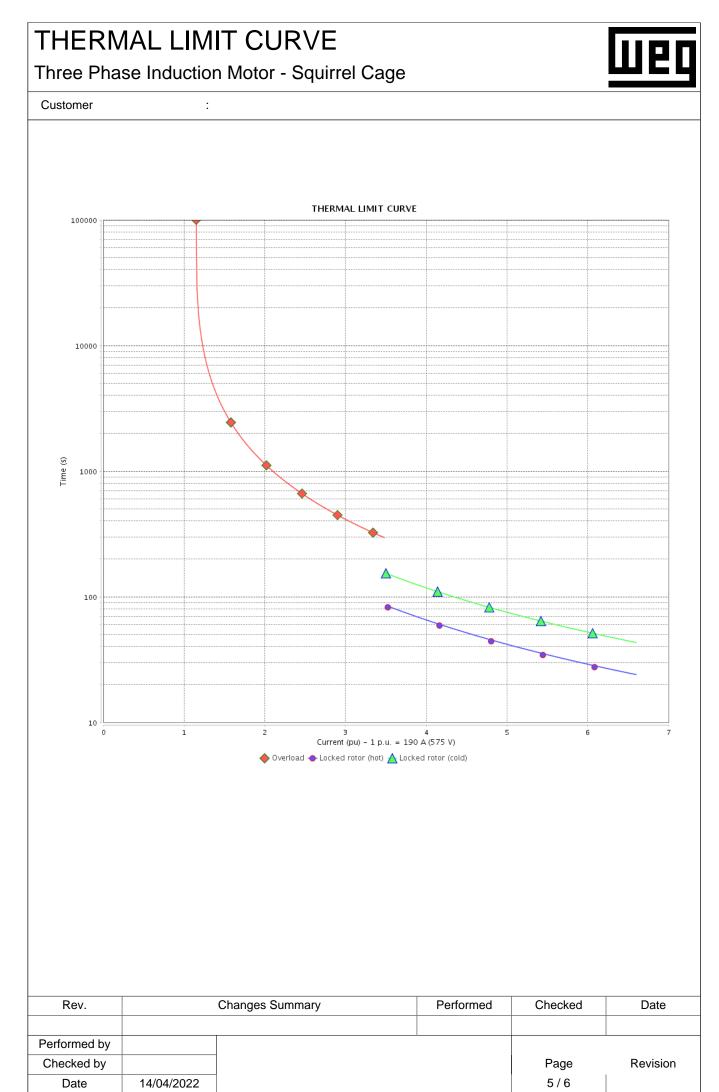


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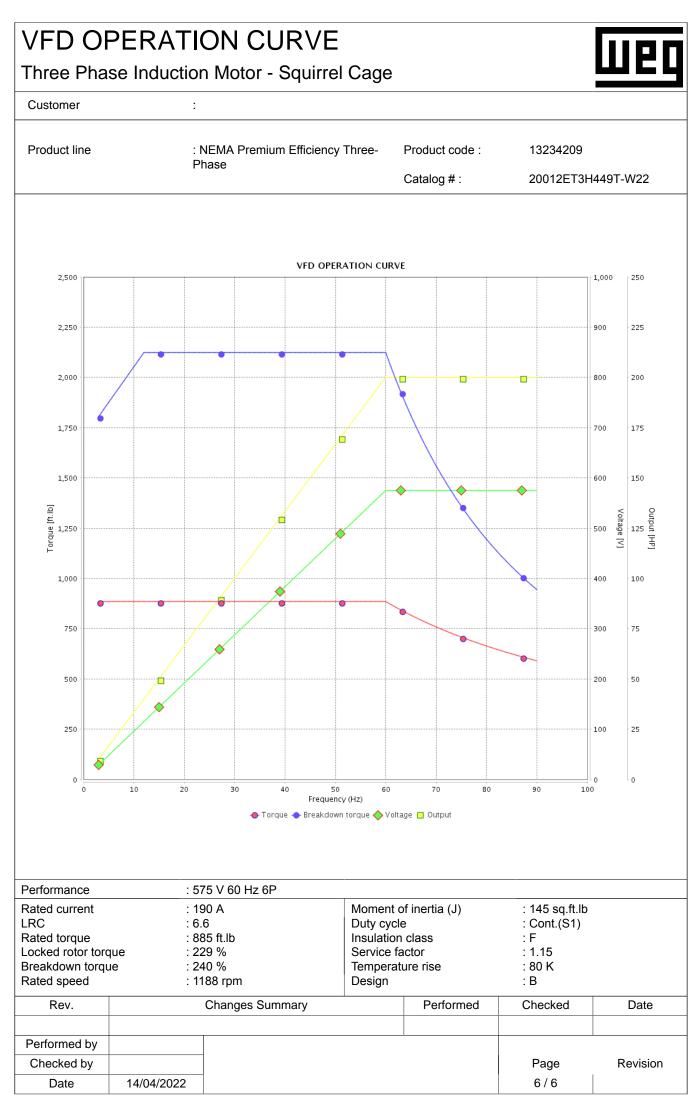
THERMAL LI Three Phase Induc	MIT CURVE tion Motor - Squirrel	Cage		Шео
Customer	:			
Product line	: NEMA Premium Efficiency Phase		Product code : Catalog # :	13234209 20012ET3H449T-W22
Performance	: 575 V 60 Hz 6P	1		
Rated current LRC	: 190 A : 6.6	Moment of Duty cycle		: 145 sq.ft.lb : Cont.(S1)
Rated torque Locked rotor torque	: 885 ft.lb : 229 %	Insulation Service fac		: F : 1.15
Breakdown torque	: 240 %	Temperatu		: 80 K
Rated speed	: 1188 rpm	Design		: 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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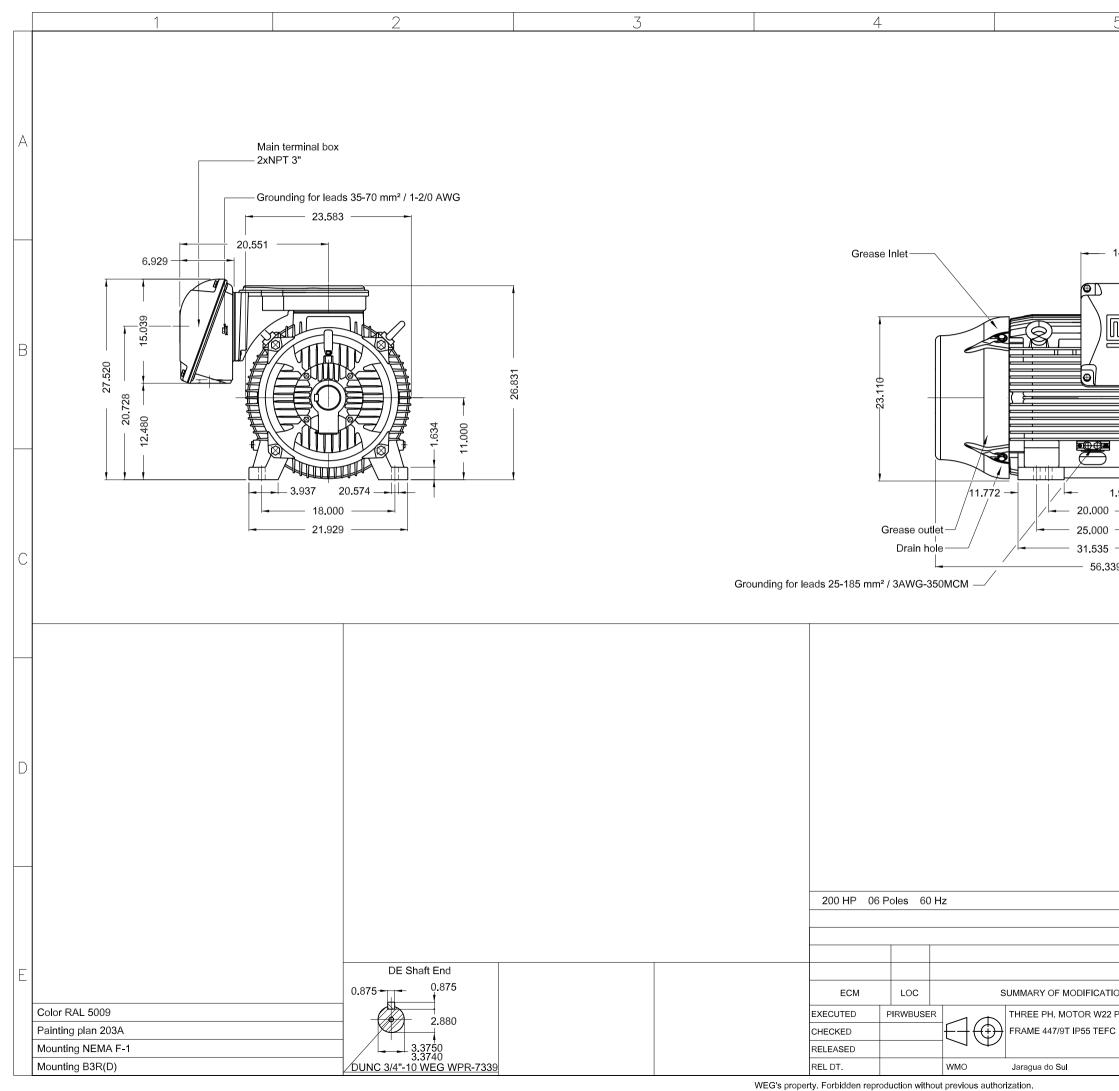
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5			6			
5		ase Inlet 7.087 — 8.500 Grease outlet Drain hole	6			
						Dimensions in inches
	EVEQUEES			DATE		
	EXECUTED	CHECKED	RELEASED	DATE	VER	
PREM. EFF.		PREV	EW	110		
		WDD		Ше	4	A3
Produc	t Engineering	SHEET	1 / 1			XME

