DATA SHEET

Three Phase Induction Motor - Squirrel Cage

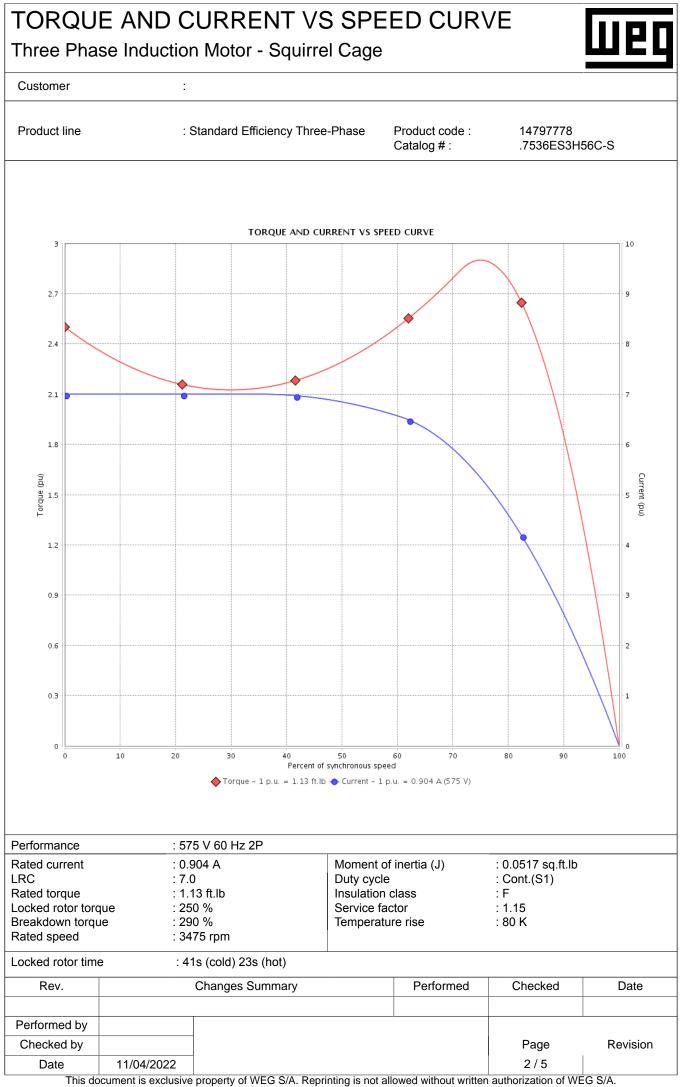
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Customer

Product line		: Star	idard Effici	ency Three-F		Product code : Catalog # :	14797778 .7536ES3H	56C-S
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia	e	: 2 : 60 F : 575 : 0.90 : 6.33 : 7.0x : 0.44 : 347 : 3.47 : 1.13 : 250 : 290 : F : 1.15	5 HP (0.550 1z V 14 A 3 A (Code K) 0 A 5 rpm 7 % 9 ft.lb % %		Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature on degree method ng n ¹	: 41s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TI : F-1 : Both (CW : 68.0 dB(A : Direct On : 21.4 lb	-40°C .s.l. EFC and CCW)
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%) Power Factor	58.8 0.45	62.0 0.70	68.0 0.79	72.0 0.85	Max. trac Max. com	tion	: 21 lb : 43 lb	
Bearing type				<u>e end</u> 03 ZZ	Non drive end 6202 ZZ			
Sealing		:		'Ring		Without Bearing	g Seal	
Lubrication interva		:		-		-		
Lubricant amount Lubricant type		:		-		-		
Notes				MO	bil Polyrex	EM		
This revision repla must be eliminated	d.				These ar power su	e average values	s based on tests wi he tolerances stipu	
Notes This revision repla must be eliminated (1) Looking the mo (2) Measured at 1r (3) Approximate w manufacturing pro (4) At 100% of full Rev	d. otor from m and wit eight sub cess.	the shaft e th tolerance ject to cha	nd. e of +3dB(/ nges after	ne, which A).	These ar	e average values	he tolerances stipu	lated in NEMA
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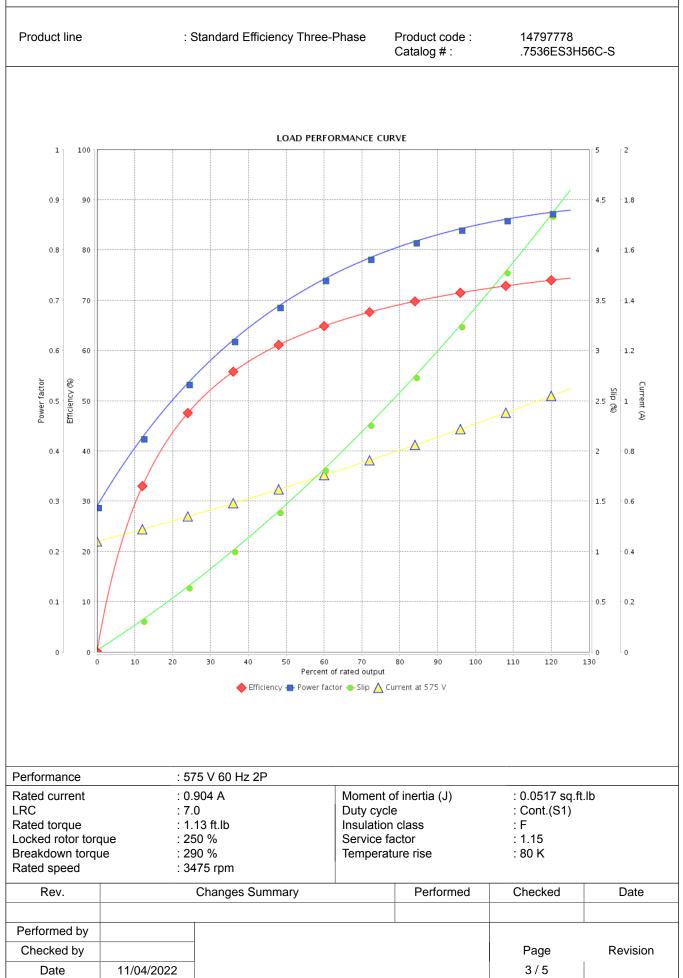


LOAD PERFORMANCE CURVE

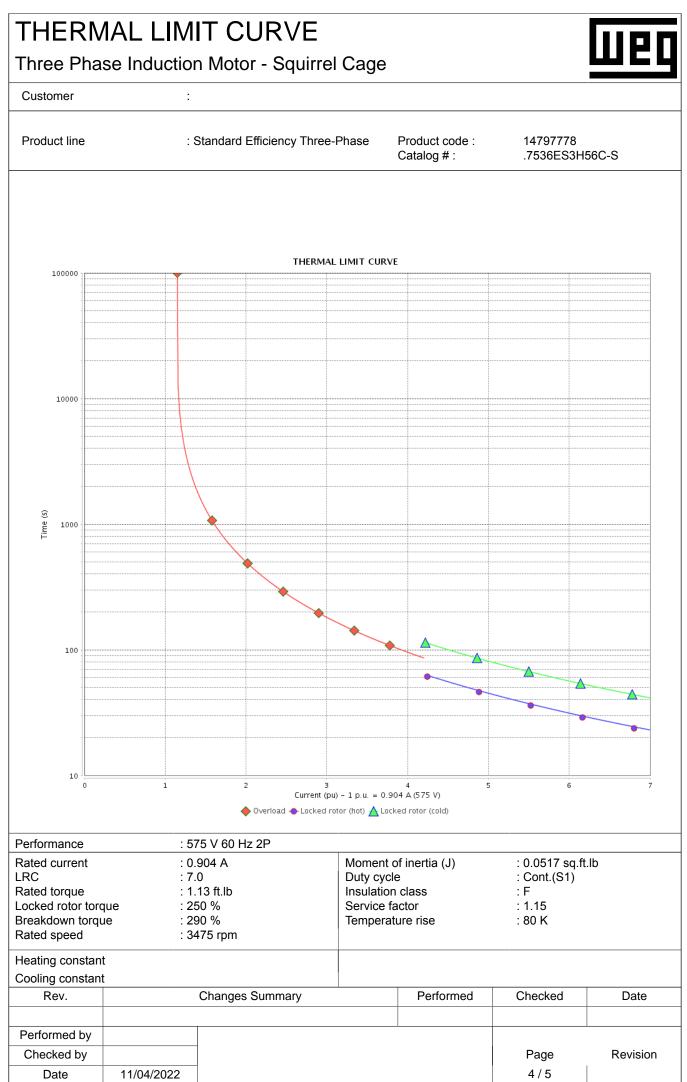
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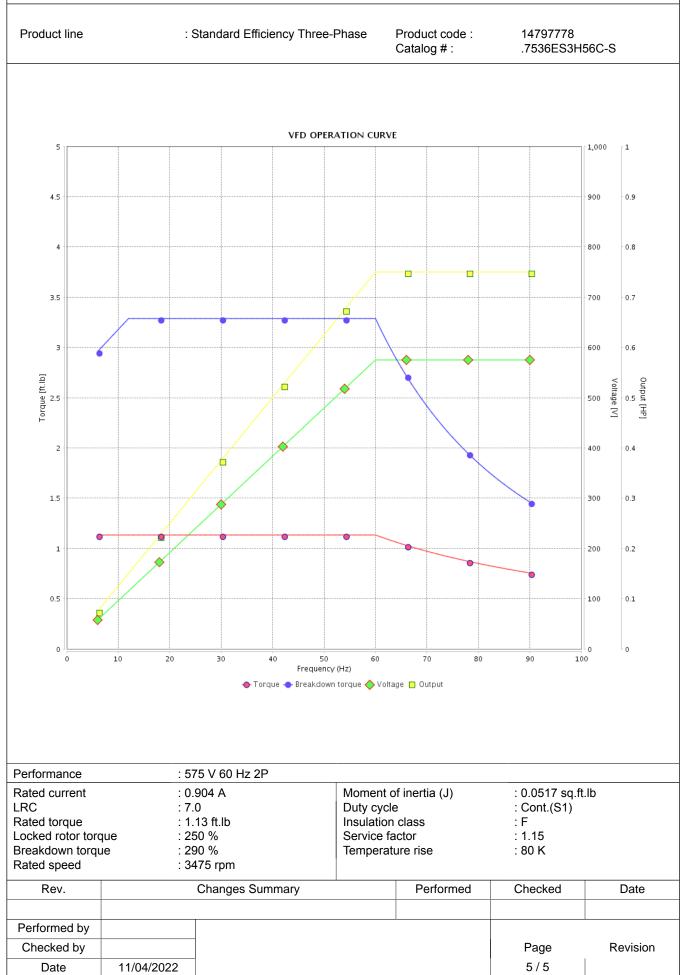
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VFD OPERATION CURVE

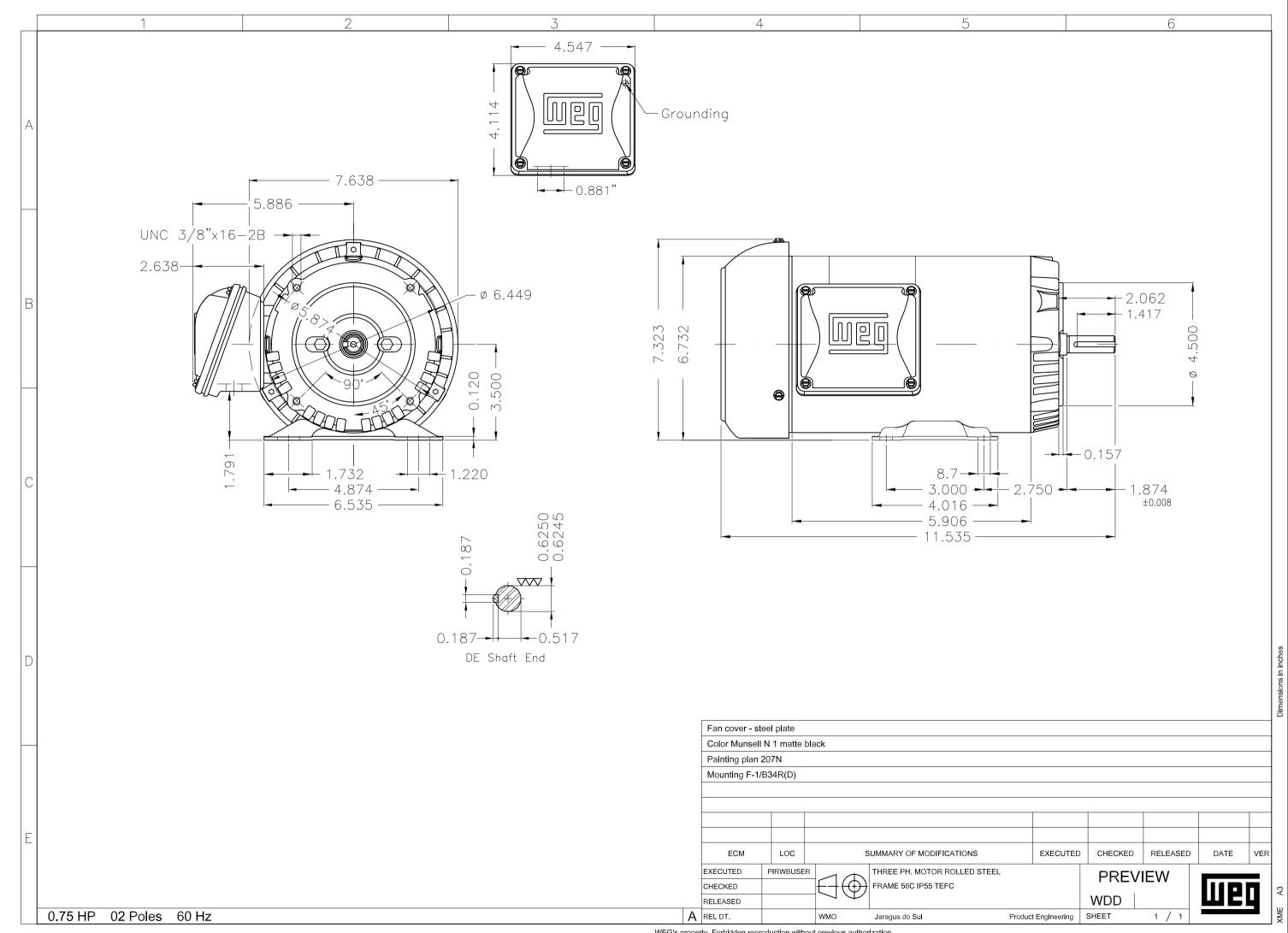
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14797778 MADE IN MÉXICO MAT

MODEL .7536ES3H56C-S N01.TEOIC0X0X

For 60Hz: Class I, Zone 2, IIC Class I, DIV.2, Gr. A,B,C,D - T3 Div 2 Inverter Duty (SF1.00)

17JAN2022		B/N:		CT 2:1/VT 1000:1
Н	3	Hz 60	60	-
ER K	56C			kW 0.55
DUTY CONT.	CONT.			V 575
ALT	1000 m.a.s.l	8.		-
INS CL	INS CL F AT 80K		IP55	SFA 1.04
AMB	40°C		DES -	SF 1.15
ENCL TEFC	TEFC	ľ	CODE K	
				NEMA 34/3 NEMA 72.0%
Fo	r safe are	a-Inv	rerter duty n	For safe area-Inverter duty motor For use on VPWM 1000:1 VT, 10:1 CT
DE 6203-ZZ	3-ZZ	8	ODE 6202-ZZ	MOBIL POLYREX EM



NTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION



NARNING: Motor must be grounded in accordance with local ind national electrical codes to prevent serious electrical

choc électrique grave. Déconnectez l'alimentation avant l'entrefien de la machine conformément aux codes électriques locaux et nationaux ann d'éviter tout AVERTISSEMENT: Le moteur doit être mis à la terre