# DATA SHEET

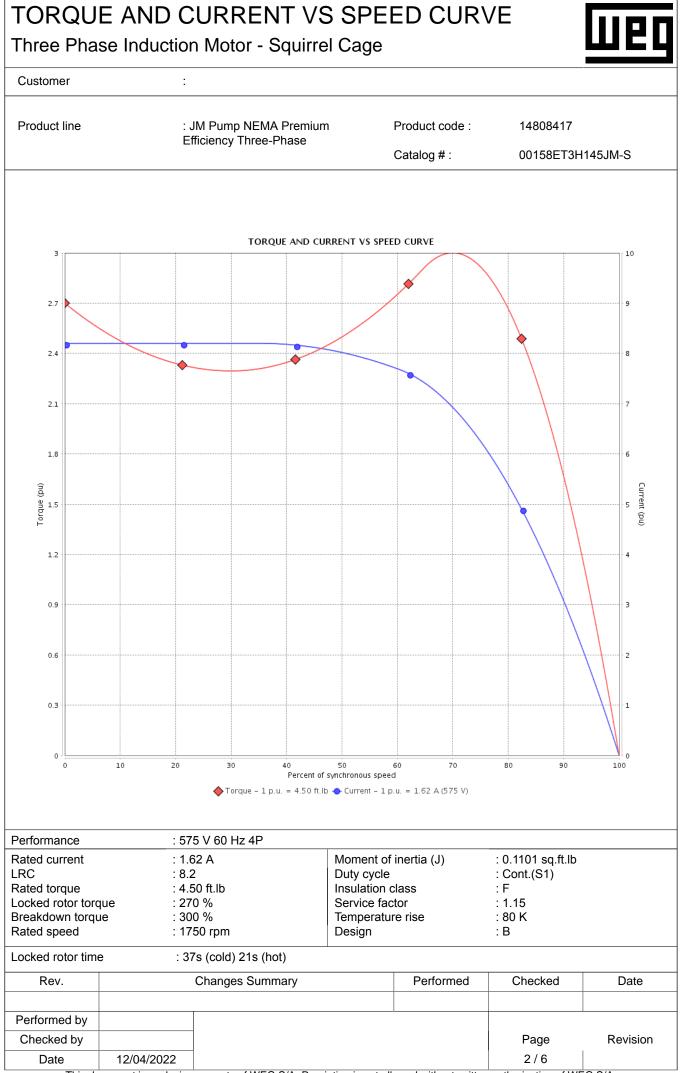
Three Phase Induction Motor - Squirrel Cage

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#### Customer

	line : JM Pump NEMA Premium Efficiency Three-Phase					oduct code : .talog # :	14808417 00158ET3H145JM-S				
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torqu Insulation class Service factor Moment of inertia Design	: 4 : 60 H : 575 : 1.62 : 13.3 : 8.2x : 0.86 : 1750 : 2.78 : 4.50 : 270 : 300 : F : 1.15	HP (1.1 kW HZ A A G(Code K) 7 A 0 rpm 9 % 9 ft.lb % %	V)	Locked ro Temperatu Duty cycle	tor time ure rise emperature degree lethod	: 37s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : F-1 : Both (CW : 52.0 dB(A	: 37s (cold) 21s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 52.0 dB(A) : Direct On Line				
Output	25%	50%	75%	100%	Foundation	loade					
Efficiency (%) Power Factor	85.2 0.35	85.5 0.59	86.5 0.72	86.5 0.79	Max. traction Max. compr	n	: 96 lb : 139 lb				
Sealing Lubrication interv Lubricant amount		:	-	'Ring -		V'Ring -					
Lubricant type Notes		:		Mo	bil Polyrex EN	Δ					
	d. otor from <sup>-</sup> m and wit veight sub ocess.	the shaft e h tolerance	nd. e of +3dB(/	ne, which A).	These are a	average values l	based on tests wit tolerances stipu				
Notes This revision repla must be eliminate (1) Looking the ma (2) Measured at 1 (3) Approximate w manufacturing pro	d. otor from <sup>-</sup> m and wit veight sub ocess.	the shaft e h tolerance ject to cha	nd. e of +3dB(/	one, which A).	These are a power supp	average values l					

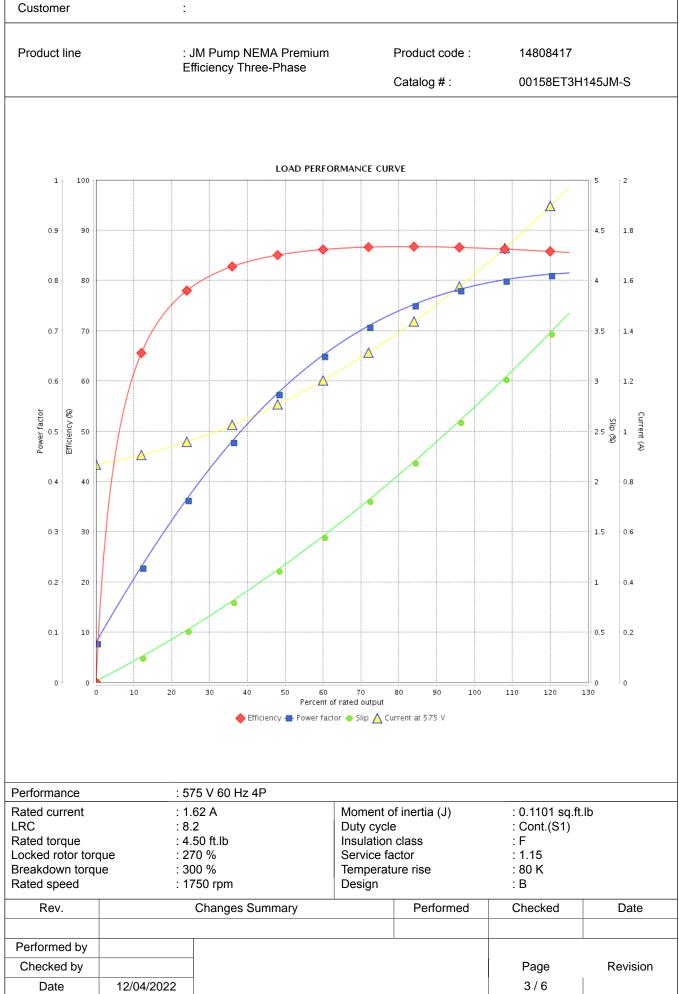


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

#### Customer



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## THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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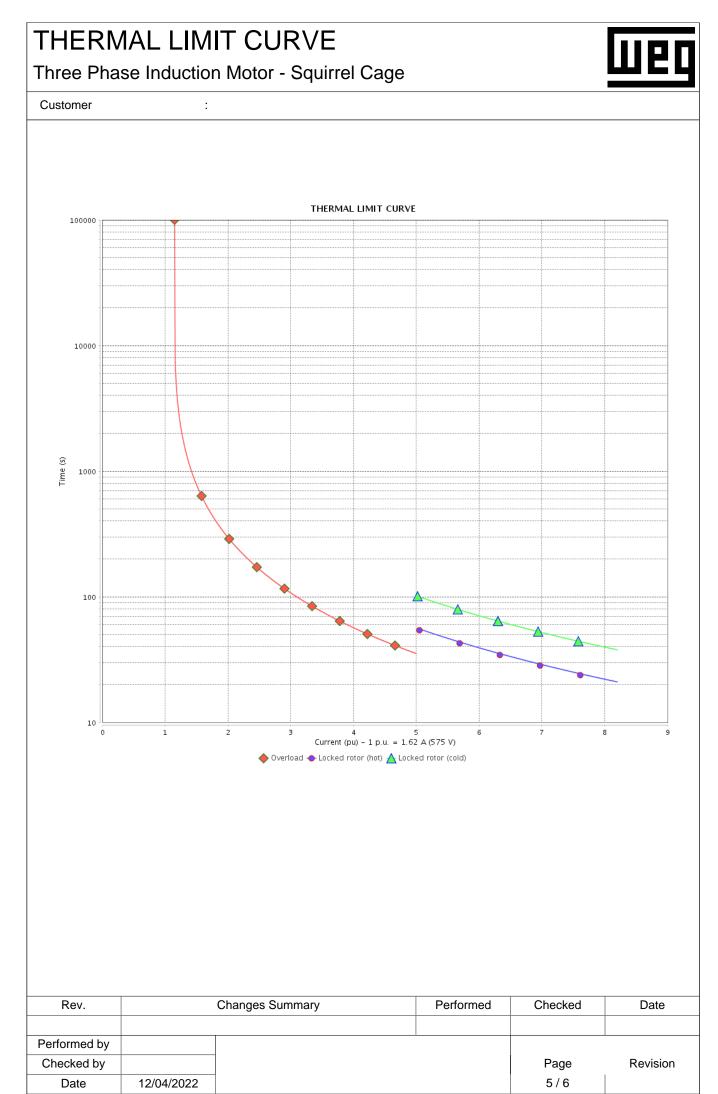
Customer

Product line	:. E	JM Pump NEMA Premium fficiency Three-Phase		Product code :	14808417	
				Catalog # :	00158ET3H <sup>2</sup>	145JM-S
Performance		75 V 60 Hz 4P				
Rated current: 1.62 ALRC: 8.2Rated torque: 4.50 ft.lbLocked rotor torque: 270 %Breakdown torque: 300 %Rated speed: 1750 rpm		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.1101 sq.ft.l : Cont.(S1) : F : 1.15 : 80 K : B	b	
Heating constant	t					
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	12/04/2022				4 / 6	

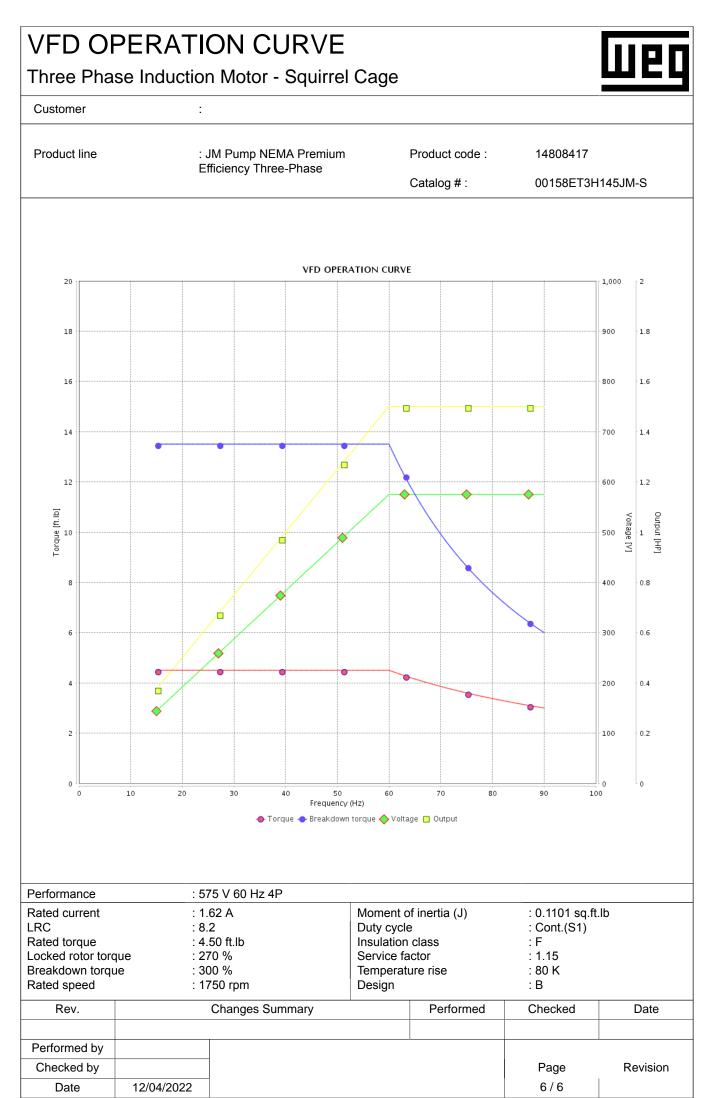
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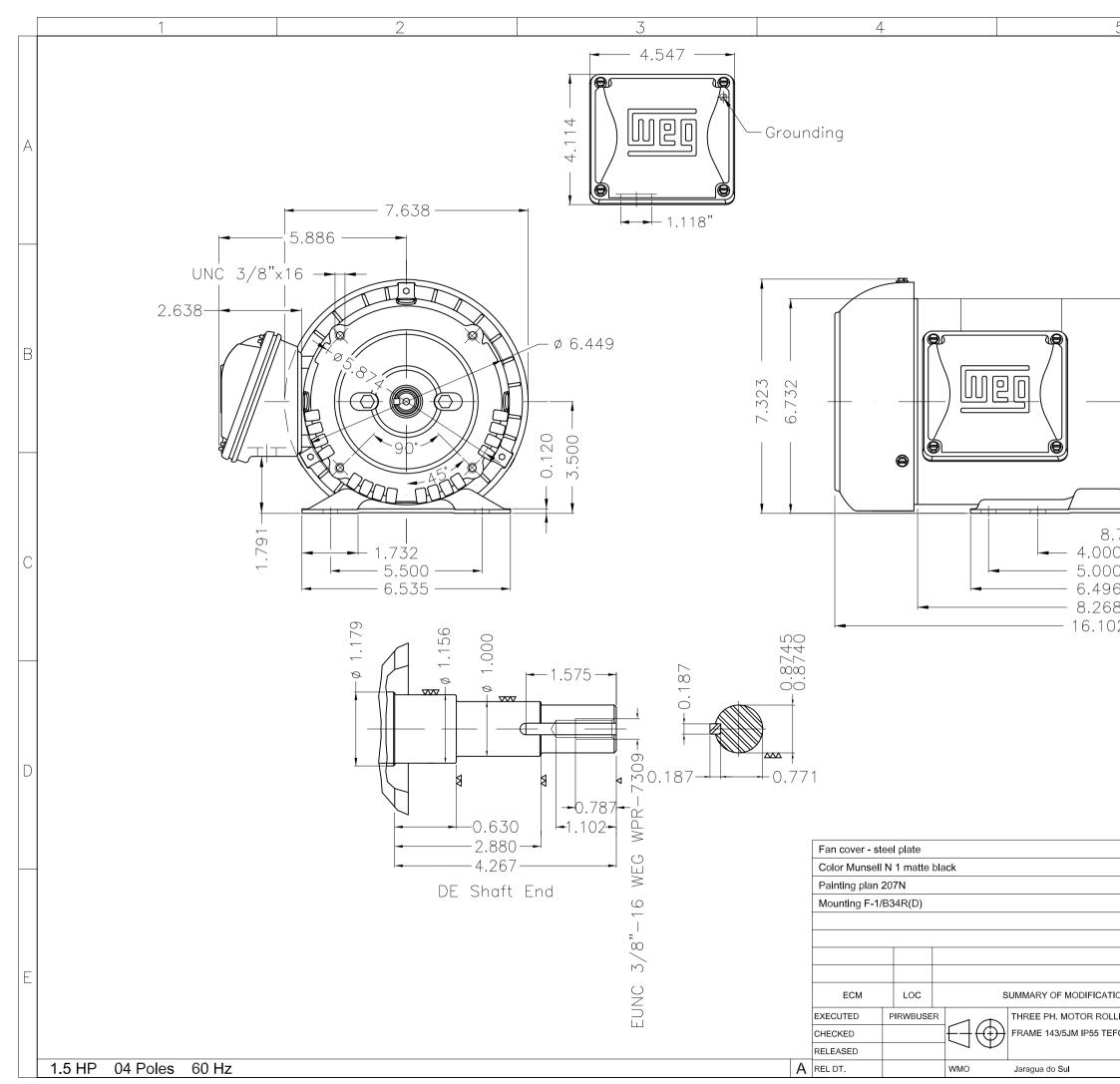
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C			б		
		0.157			Dimensions in inches
	EVENIESE				
LED STEEL CLOSE (	EXECUTED			DATE VER	
FC		WDD		Шео	A3
Product	Engineering	SHEET	1 / 1		XME

C C C C U S U S C C S C C S C C S C C S C C C C	For 60Hz: Class I, Zone 2, IIC Class I, DIV.2, Gr. A,B,C,D - T3 DIV 2 Inverter Duty (SF1.00) CT 2:1/VT 1000:1							VT, 4:1 CT		T1-BLU	T2-WHT	T3-ORG	T4-YEL	T5-BLK	T6-GRY	0000000		10000	e.
COUS LISTED FOR SAFE AREA	For 60Hz: Cl Class I, DIV.2, DIV 2 Inver	1.5 1.1	575 1.62	-	1.15 n 70		M EFF 86.5%	For safe area-inverter duty motor For use on VPWM 1000:1 VT, 4:1 CT	MOBIL POLYREX EM	T4 _T5		T2 AT3		Ľ		REVERSE THE ROTATION	In accordance with local	ur doit être mis à la terre	contronnennent aux cours enoundures rocaux es narror ann o erter tout choc électrique grave. Déconnectez l'alimentation avant l'entrefien de la machine.
<b>NEMA</b> Remitm	7 CC029A N 601 B/N:	Hz 60 HP KW		IP55	DES B SF	CODE K RPM	NOM. EFF	ea-Inverter duty motor	ODE 6203-ZZ M	T6 T	-			L1 L2	⊲	INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION	WARNING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical shocks. Disconnect power source before servicing unit.	AVERTISSEMENT: Le moteur doit être mis à la terre	e. Déconnectez l'alimentation
	MADE IN MÉXICO MAT: 14808417 W01.TE0IC0X0N JM001504NPW01 01MAR2022 B/	PH 3 FR 143/5JM	DUTY CONT.	INS CL F AT 80K	AMB 40°C	ENCL TEFC		For safe are	DE 6206-ZZ							INTERCHANG	WARNING and in and in shoe	]	choc électrique gravi