DATA SHEET

Three Phase Induction Motor - Squirrel Cage

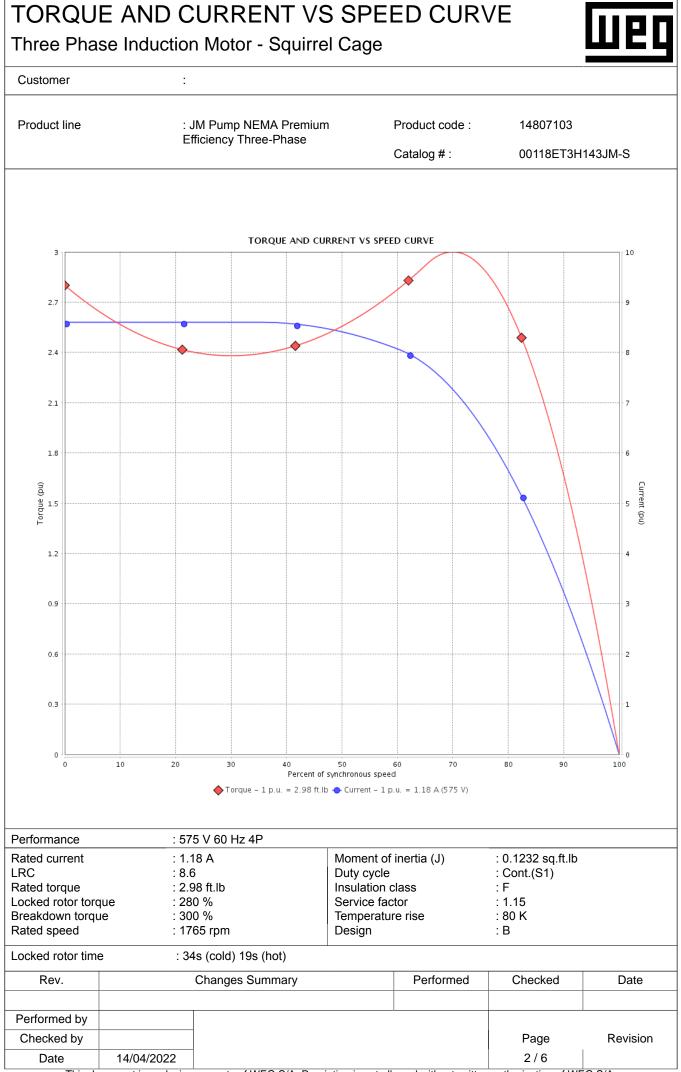
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Customer

Product line	: JM Pump NEMA Premium Efficiency Three-Phase			Product code :	14807103 00118ET3H ⁻	143 IM-S		
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torqu Breakdown torqu Insulation class Service factor		: 4 : 60 H : 575 : 1.18 : 10.1 : 8.6x : 0.71	 (0.75 kW) Hz V B A A (Code M) 2 A 5 rpm % 8 ft.lb % %)	Locked Temper Duty cy Ambien Altitude Protecti Cooling Mountin Rotation Noise le	t temperature on degree method g 1 ¹ evel ² method	: 34s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a.: : IP55 : IC411 - TE : F-1 : Both (CW : 52.0 dB(A : Direct On : 40.6 lb	19s (hot) 40°C s.l. EFC and CCW)
Moment of inertia Design	. ,	: 0.12 : B	232 sq.ft.lb					
Output	25%	50%	75%	100%	Foundatio			
Efficiency (%) Power Factor	81.0 0.30	82.5 0.52	84.0 0.66	85.5 0.75	Max. tract Max. com		: 57 lb : 98 lb	
Bearing type Sealing		:		<u>e end</u> 06 ZZ Ring		<u>Non drive end</u> 6203 ZZ Without Bearing		
Lubrication interv Lubricant amoun Lubricant type Notes		:		- - Mo	bil Polyrex	- - EM		
Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m	t aces and o ed. otor from	the shaft e	nd.	ne, which	These an	EM		
Lubricant amoun Lubricant type Notes This revision repla must be eliminate	t aces and o ed. otor from m and wir veight sub ocess.	the shaft e th toleranc ject to cha	nd. e of +3dB(A	ne, which A).	These arr power su	e average values		
Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	t aces and o ed. otor from m and wir veight sub ocess.	the shaft e th toleranc ject to cha	nd. e of +3dB(A nges after	ne, which A).	These arr power su	e average values pply, subject to the	e tolerances stipu	lated in NEMA
Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	t aces and o ed. otor from m and wir veight sub ocess.	the shaft e th toleranc ject to cha	nd. e of +3dB(A nges after	ne, which A).	These arr power su	e average values pply, subject to the	e tolerances stipu	lated in NEMA

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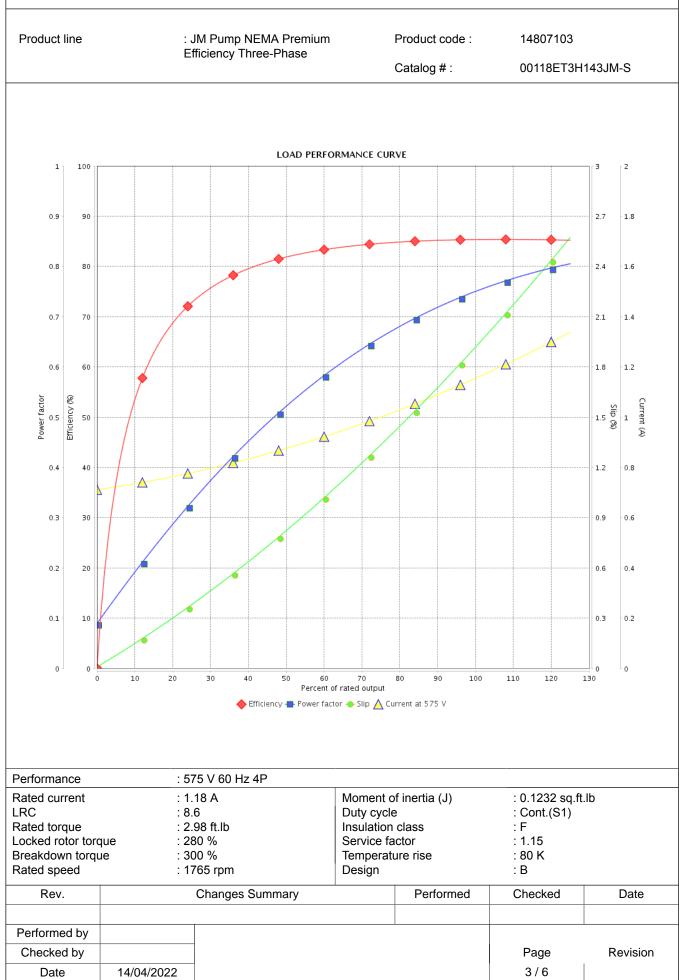
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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Customer



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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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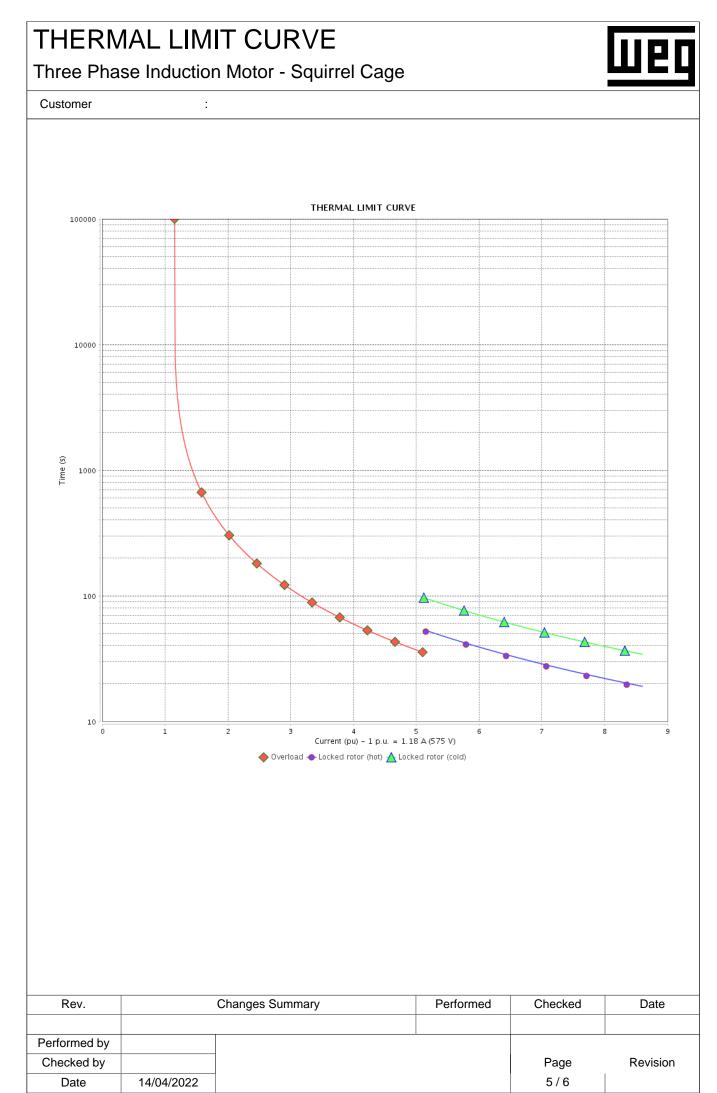


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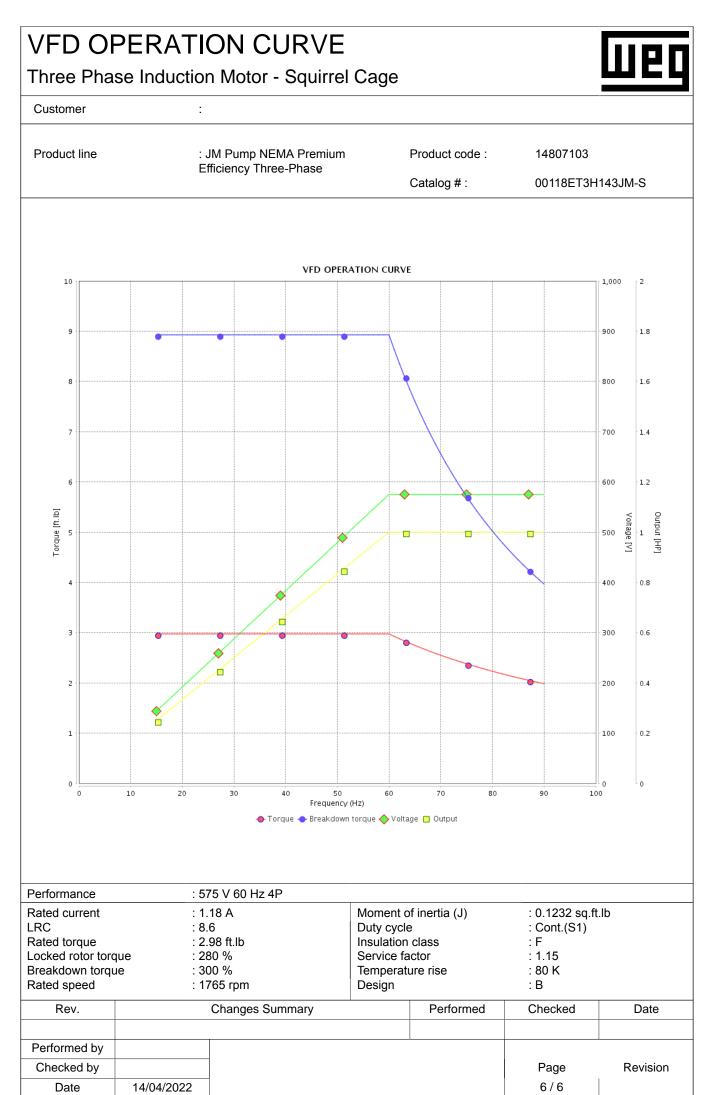
Product line		: JM Pump NEMA Premium Efficiency Three-Phase		Product code :	14807103	
		inclency milee-rhase		Catalog # :	00118ET3H1	43JM-S
Performance		75 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torqu Breakdown torqu	: 8. : 2. ue : 28 e : 30	98 ft.lb 30 % 00 %	Duty cycle Insulation Service fa Temperatu	class ctor	: 0.1232 sq.ft.l : Cont.(S1) : F : 1.15 : 80 K	b
Rated speed		765 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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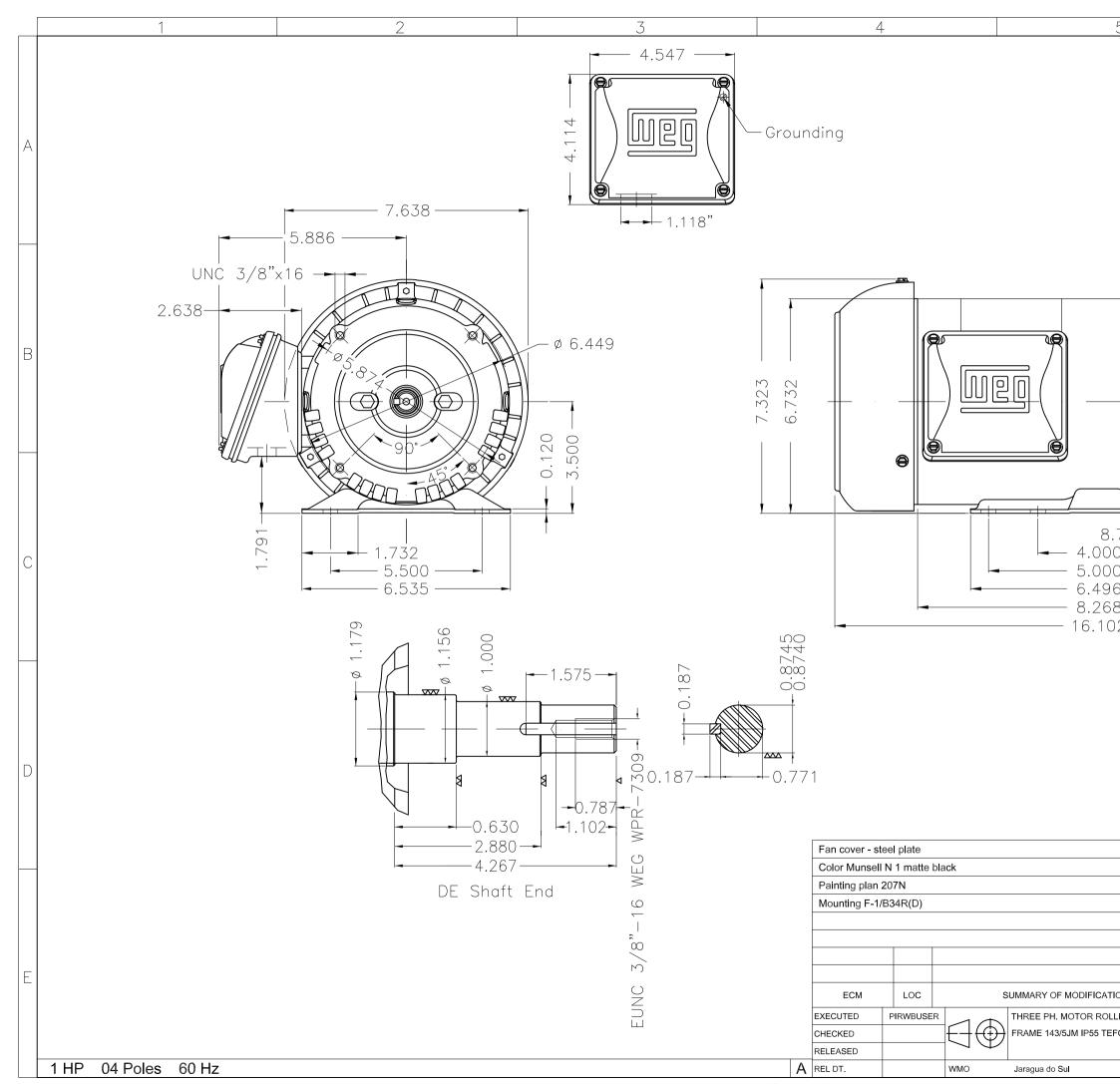


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C			б		
		0.157			Dimensions in inches
	EVENIESE				
LED STEEL CLOSE (EXECUTED			DATE VER	
FC		WDD		Шео	A3
Product	Engineering	SHEET	1 / 1		XME

COUSTED COUSTED COUS FOR SAFE AREA Energy Verified	For 60H2: Class I, Zone 2, IIC Class I, DIV.2, Gr. A,B.C,D - T3 DIV 2 Inverter Duty (5F1.00) CT 2:1/VT 1000:1	3 Hz 60 HP 1.0 1435.1M N0.75 1435.1M 1000 m.a.s.l V 575 1000 m.a.s.l A 1.18 A 1.18 L FAT B0K PF 0.75 F 1.16 L FAT 00K PES F 1.15 L FAT 00K PES F 1.15 L FAT 00K PES F 1.75 L FAT ORMA REMA REMA R5.5% Nom Err 85.5%	71-8LU 12-WHT 13-ORG
		HP 1.0 KW 0.75 V 3775 A 1.18 SFA 1.36 SFA 1.36 S	
NEMA Premium	3 CC029A NN B/NFC B/N:	Hz 60 s.I DES B CODE M aa-Inverter duty	
B	MADE IN MEXICO MAT: 14807103 CCC W01.TE0IC0X0N JM000504NPW01MFC 28SEP2021 B/N:	PH 3 H DUTY 1435.JM DUTY 1435.JM ALT 1000 m.a.s.l INS CL 7 000 m.a.s.l MIS CL F of 300 m.a.s.l CENCL TEFC For safe anea.	DE 6206-22

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

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

