DATA SHEET

Three Phase Induction Motor - Squirrel Cage

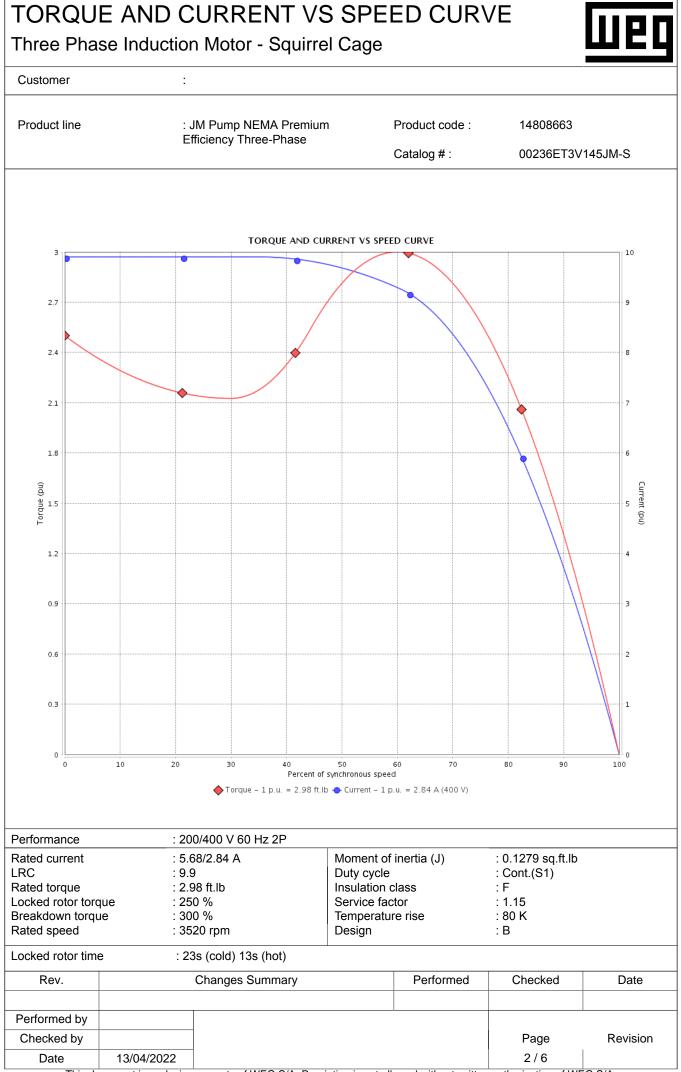
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Customer

Product line		: JM Pump NEMA Premium Efficiency Three-Phase			Product code :		14808663	14808663	
					(Catalog # :	00236ET3V	145JM-S	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia Design	ie	: 2 : 60 F : 200 : 5.62 : 56.2 : 9.9 : 2.44 : 352 : 2.22 : 2.98 : 250 : 300 : F : 1.15	P (1.5 kW) Hz /400 V 8/2.84 A 2/28.1 A (Code L) H/1.22 A 0 rpm 2 % 3 ft.lb % %		Tempera Duty cyc Ambient Altitude	t temperature on degree method g 1 ¹ vel ² method	: 23s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : F-1 : Both (CW : 68.0 dB(A : Direct On : 2.2 lb	40°C s.l. EFC and CCW)	
Output	25%	50%	75%	100%	Foundatio	n loads			
Efficiency (%)	82.1	82.5	85.5	85.5	Max. tract		: 76 lb		
Power Factor	0.45	0.73	0.83	0.89	Max. com	pression	: 79 lb		
Bearing type Sealing Lubrication interv Lubricant amoun				6 ZZ Ring -		Non drive end 6203 ZZ Without Bearing -			
Lubricant type Notes				- Mo	bil Polyrex I	ΞM			
Lubricant type	aces and a aces and a ad. notor from m and wi veight sub pocess.	the shaft e th toleranc oject to cha	end. e of +3dB(A	le, which).	These are	e average values	based on tests wi e tolerances stipu Checked		
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	aces and a aces and a ad. notor from m and wi veight sub pocess.	the shaft e th toleranc oject to cha	nd. e of +3dB(A nges after	le, which).	These are power su	e average values pply, subject to the	e tolerances stipu	lated in NEMA	
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	aces and a aces and a ad. notor from m and wi veight sub pocess.	the shaft e th toleranc oject to cha	nd. e of +3dB(A nges after	le, which).	These are power su	e average values pply, subject to the	e tolerances stipu	lated in NEMA	
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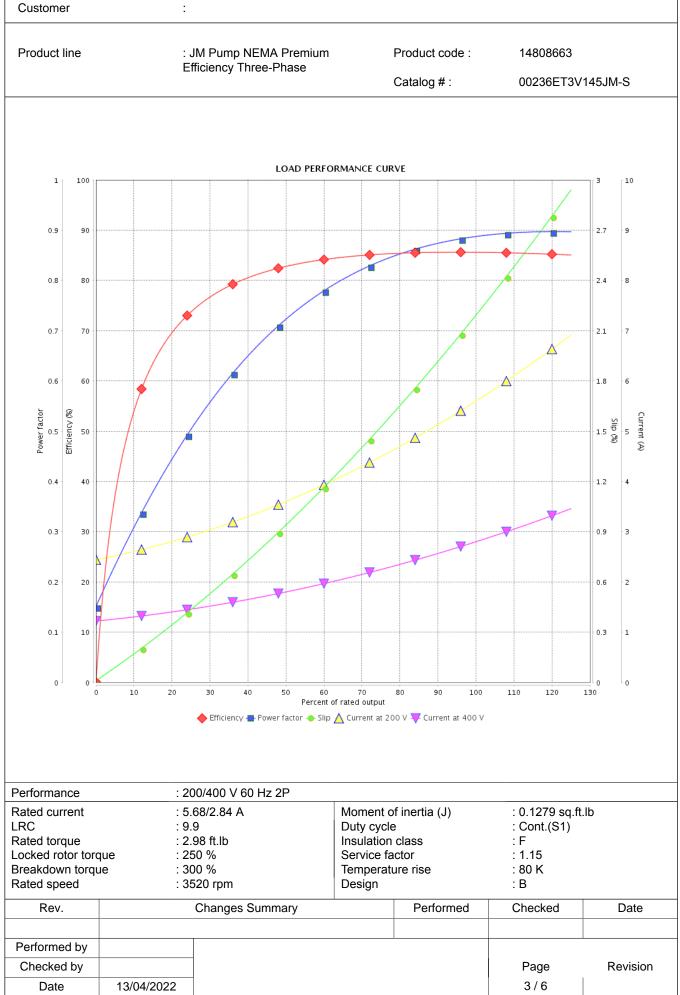


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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

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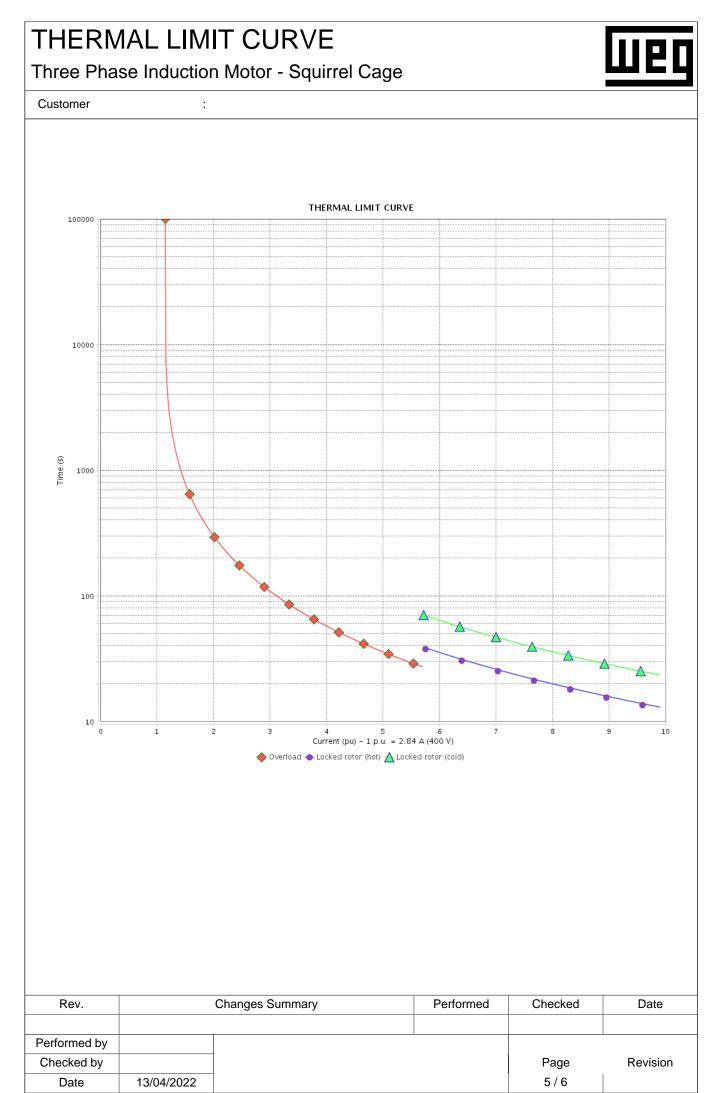


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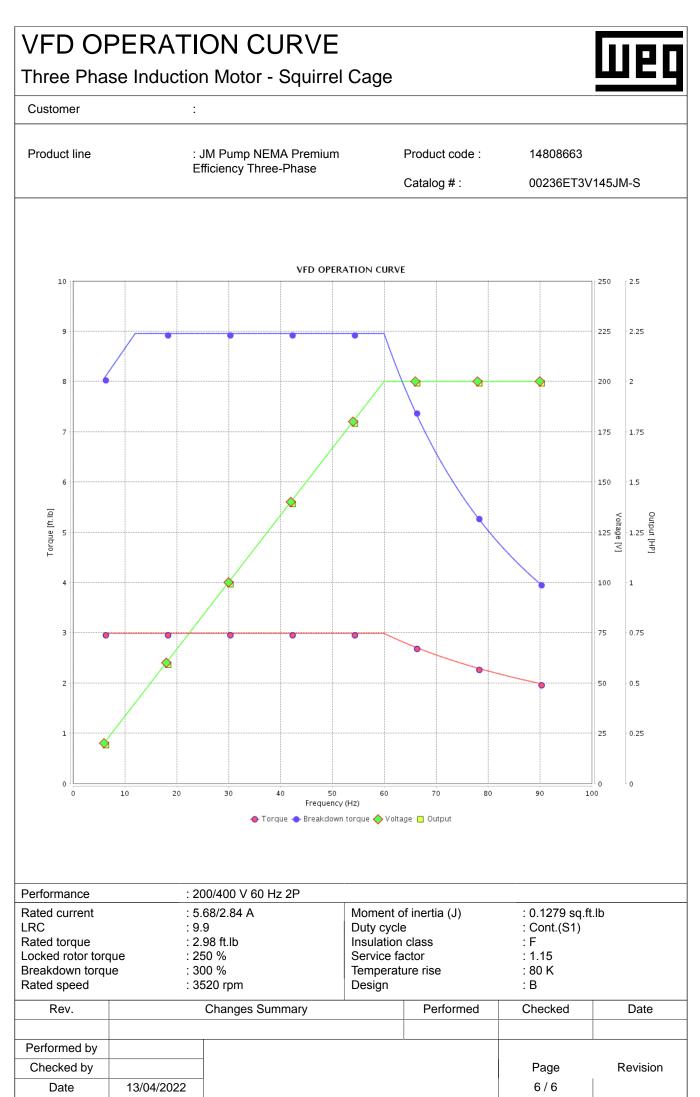
Product line		: JM Pump NEMA Premium Efficiency Three-Phase		Product code :	14808663		
	L			Catalog # :	00236ET3V1	00236ET3V145JM-S	
Performance	: 2	00/400 V 60 Hz 2P					
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 5.68/2.84 A Moment : 9.9 Duty cyc : 2.98 ft.lb Insulation : 250 % Service : 300 % Temperation : 3520 rpm Design		class ctor	: 0.1279 sq.ft. : Cont.(S1) : F : 1.15 : 80 K : B	: F : 1.15 : 80 K	
Heating constant							
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by							
Checked by		_			Page	Revision	
Date	13/04/2022				4/6		

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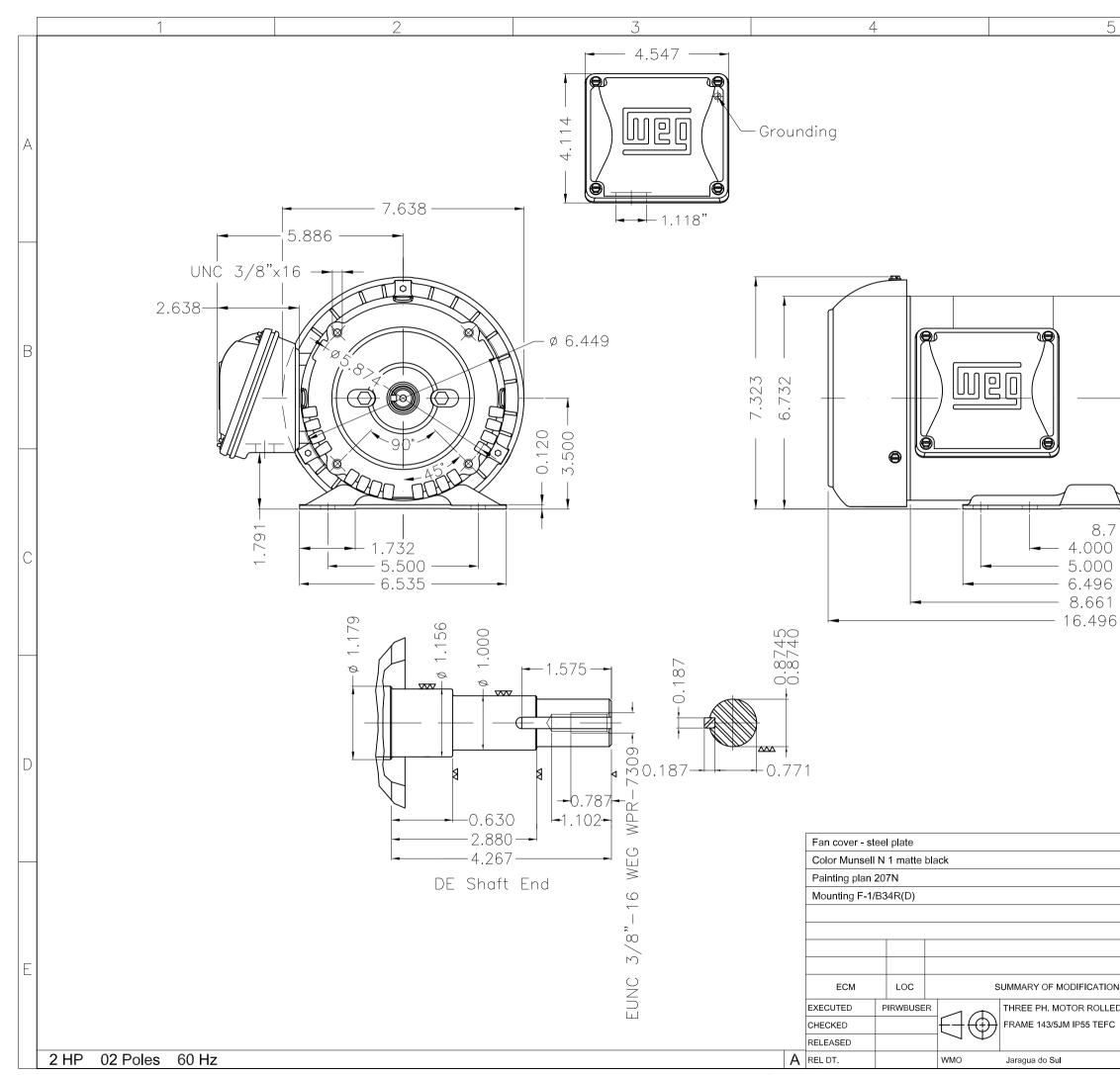


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Product	Engineering		· / ·]×