DATA SHEET

Three Phase Induction Motor - Squirrel Cage

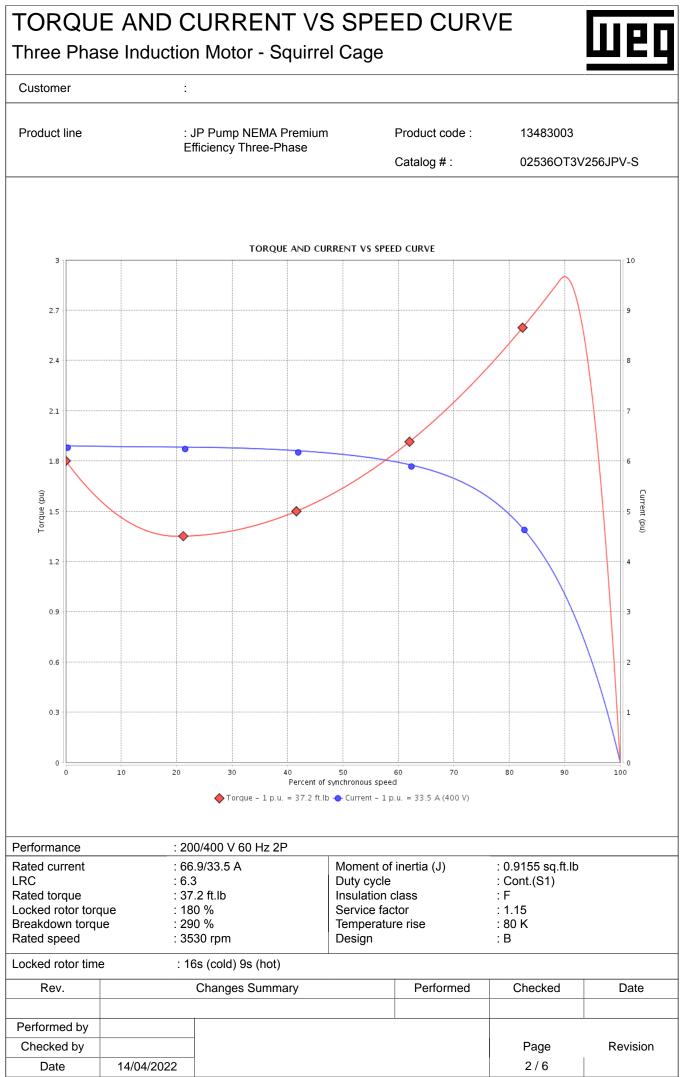
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Customer

		: JP Pump NEMA Premium			Product code :	13483003		
		Efficiency Three-Phase			Catalog # :	02536OT3V	02536OT3V256JPV-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 (J)		: 254/6JP : 25 HP (18.5 kW) : 2 : 60 Hz : 200/400 V : 66.9/33.5 A : 422/211 A : 6.3x(Code G) : 26.2/13.1 A : 3530 rpm : 1.94 % : 37.2 ft.lb : 180 % : 290 % : F : 1.15 : 0.9155 sq.ft.lb			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: 16s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IC01 - OD : W-6 : Both (CW : 70.0 dB(A	: 16s (cold) 9s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IC01 - ODP : W-6 : Both (CW and CCW) : 70.0 dB(A) : Direct On Line	
Design		: B						
Output Efficiency (%) Power Factor	25% 90.8 0.46	50% 91.0 0.73	75% 91.7 0.83	100% 91.7 0.87	Foundation loads Max. traction Max. compression	: 421 lb : 614 lb		
Sealing Lubrication interv Lubricant amoun Lubricant type Notes		:	15	Bearing Seal 797 h 13 g Mol	Without Bearing 20000 h 8 g bil Polyrex EM	Seal		
must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	ed. otor from m and wit veight sub ocess.	the shaft e	end. e of +3dB(A).	These are average values power supply, subject to the MG-1.			
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.	ed. otor from m and wit veight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB(A).	power supply, subject to th			

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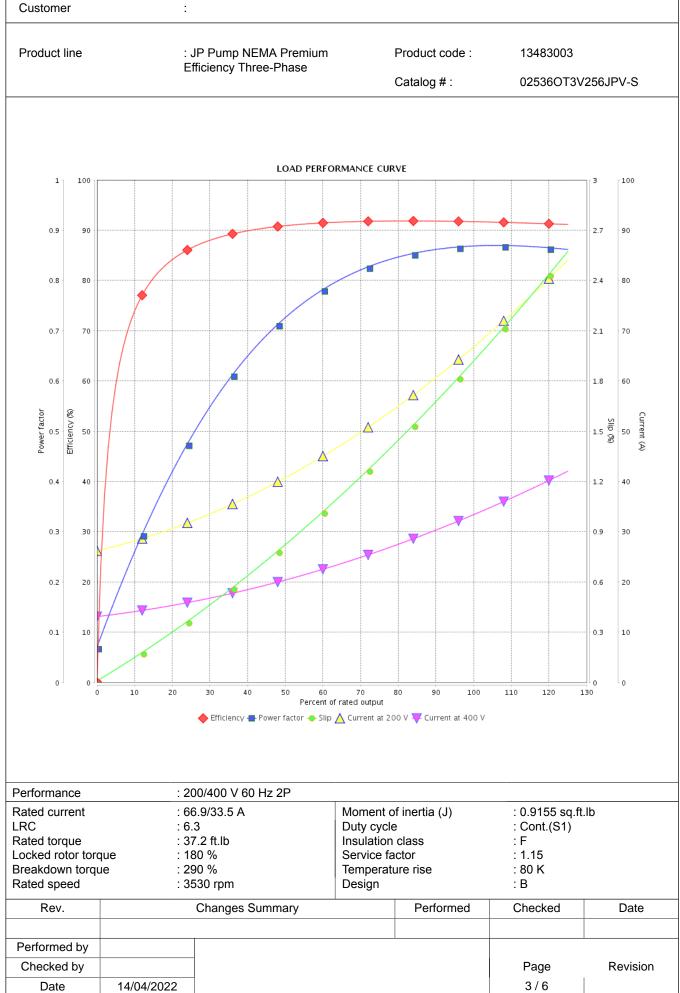


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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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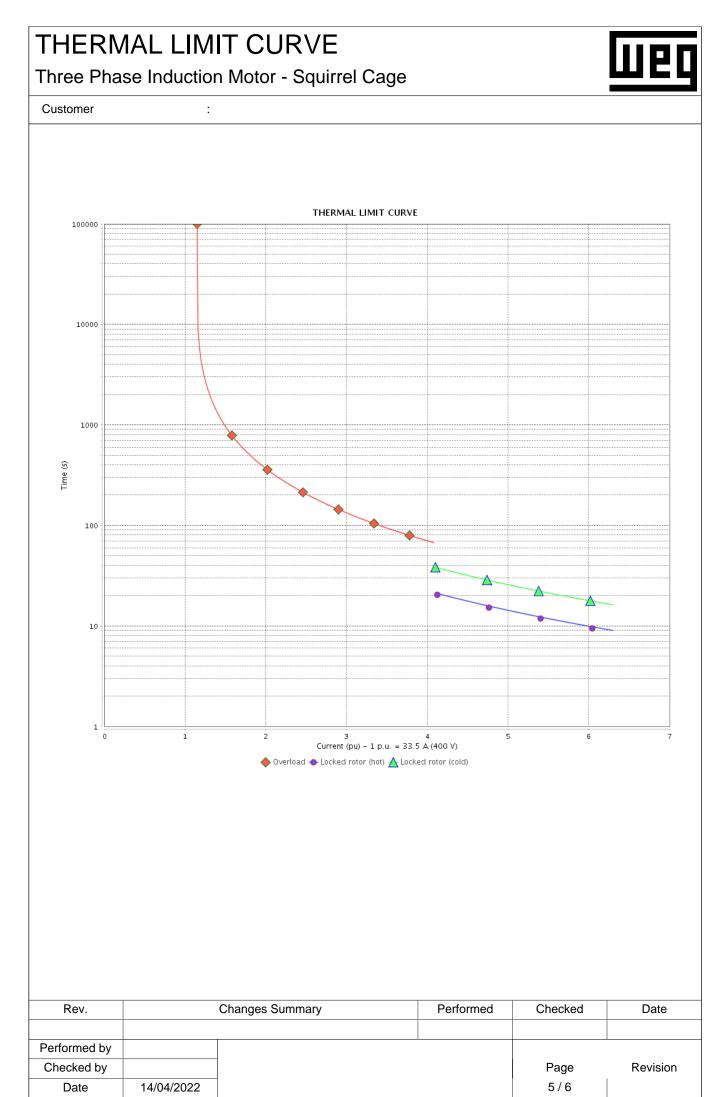


Customer

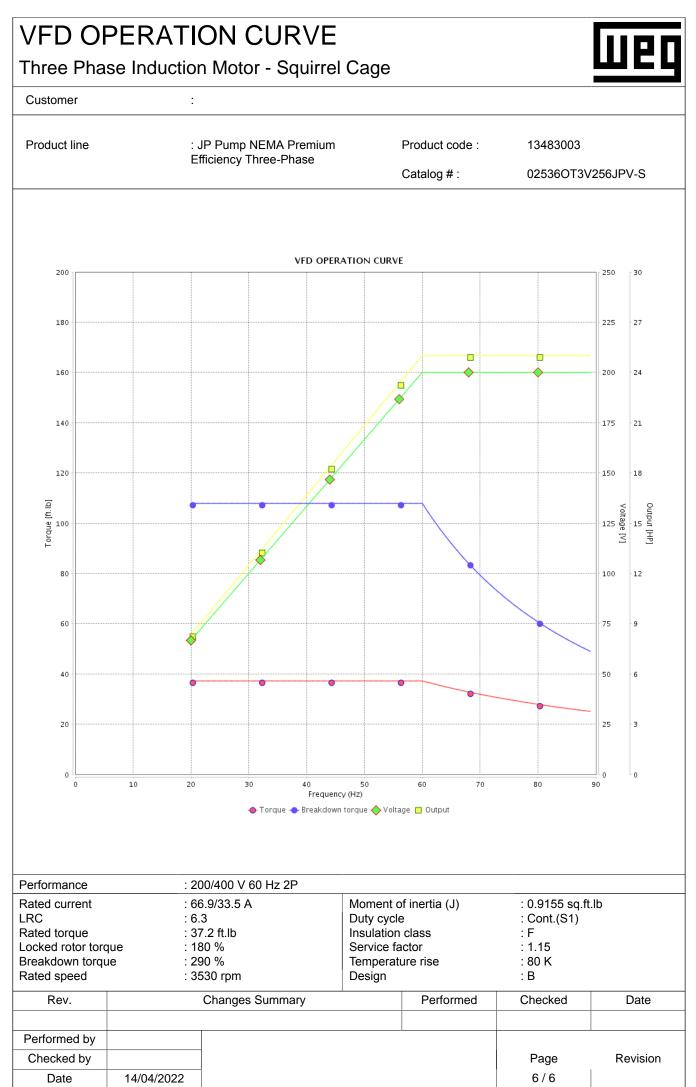
Efficiency Three-Phase Catalog # : 025360T3V256JPV-S			: JP Pump NEMA Premium Efficiency Three-Phase					
Performance : 200/400 V 60 Hz 2P Rated current :: 66.9/33.5 A Duty cycle :: Cont.(51) Rated current :: 66.9/33.5 A Duty cycle :: Cont.(51) Rated current :: 68.9/33.5 A Duty cycle :: Cont.(51) Rated torque :: 8.3 Rated torque :: 200 % Service factor :: 1.16 Temperature rise :: 80 K Rated speed :: 3530 rpm Design :: B Heating constant	Product line				Product code :	13483003		
Rated current LRC: 66.9/33.5 A : 6.3Moment of inertia (J) Duty cycle: 0.9155 sq.ft.lb 			,,		Catalog # :	02536OT3V2	256JPV-S	
Rated current LRC: 66.9/33.5 A : 6.3Moment of inertia (J) Duty cycle: 0.9155 sq.ft.lb : Cont.(S1)Rated torque Locked rotor torque: 37.2 ft.lb : 180 %Insulation class Service factor: F : 1.15Breakdown torque Rated speed: 290 % : 3530 rpmTemperature rise Design: 80 K DesignHeating constant Cooling constantChanges SummaryPerformedCheckedDatePerformed by </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
LRC : 6.3 Duty cycle : Cont.(S1) Rated torque : 37.2 ft.lb Insulation class : F Locked rotor torque : 180 % Service factor : 1.15 Breakdown torque : 290 % Temperature rise : 80 K Rated speed : 3530 rpm Design : B Heating constant	Performance	: 20	00/400 V 60 Hz 2P					
Rated torque : 37.2 ft.lb Insulation class : F Locked rotor torque : 180 % Service factor : 1.15 Breakdown torque : 290 % Temperature rise : 80 K Breakd speed : 3530 rpm Design : B Heating constant	Rated current			Moment of inertia (J)		: 0.9155 sq.ft.lb		
Locked rotor torque : 180 % Service factor : 1.15 Breakdown torque : 290 % Temperature rise : 80 K Rated speed : 3530 rpm Design : B Heating constant Cooling constant Changes Summary Performed Checked Date Performed by Image: Summary Image: Summary Image: Summary Image: Summary Image: Summary Image: Summary				Insulation class				
Rated speed : 3530 rpm Design : B Heating constant Cooling constant Rev. Changes Summary Performed Checked Date Performed by	ocked rotor torque : 180 %		Service factor					
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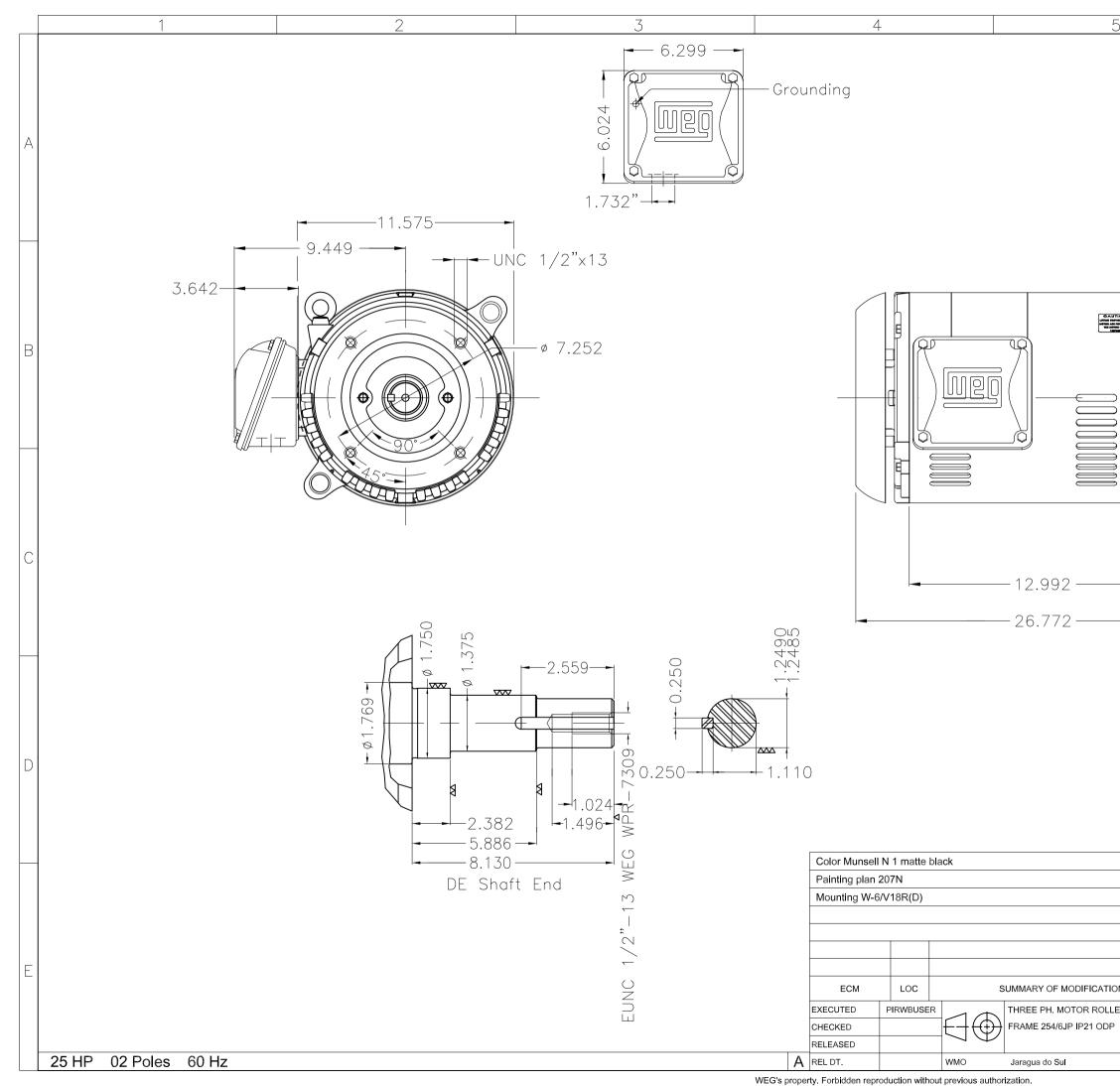
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