## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

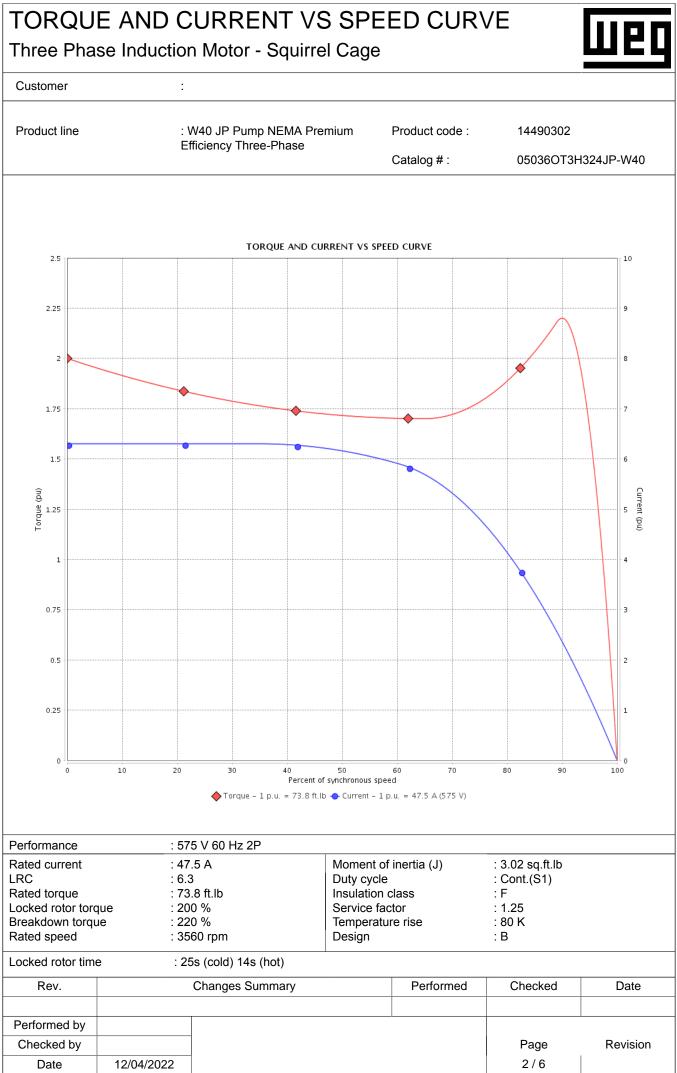
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Product line		: W40 JP Pump NEMA Premit Efficiency Three-Phase			um Product code :		14490302	
					(	Catalog # :	05036OT3H	1324JP-W40
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti	ue	: 2 : 60 F : 575 : 47.5 : 299 : 6.3> : 18.0 : 356 : 1.11 : 73.6 : 200 : 220 : F : 1.25 : 3.02	HP (37 kW Hz 5 A A ((Code G) ) A 0 rpm % 3 ft.lb % %	)	Locked Tempera Duty cyo Ambient Altitude	rotor time ature rise cle t temperature on degree method g 1 <sup>1</sup> vvel <sup>2</sup> method	: 25s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 75.0 dB(A : Direct On : 526 lb	-40°C .s.l. )P and CCW)
Design		: B						
Output	25%	50%	75%	100%	Foundatio			
Efficiency (%) Power Factor	91.5 0.46	91.7 0.72	93.0 0.81	93.0 0.84	Max. tract Max. com			
Sealing Lubrication inter Lubricant amour Lubricant type		:	19	Bearing Seal 9658 h 21 g		Without Bearing 20000 h 11 g	Jeal	
••		:		Mo	bil Polyrex I			
Notes Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate w manufacturing pr	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc	end. e of +3dB(	one, which A).	These are	EM e average values	based on tests wi	
This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate v manufacturing pr (4) At 100% of fu Rev.	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB(	one, which A).	These are power su	EM e average values		
Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB( inges after	one, which A).	These are power su	EM	ne tolerances stipu	ilated in NEM
Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	end. e of +3dB( inges after	one, which A).	These are power su	EM	ne tolerances stipu	ilated in NEM
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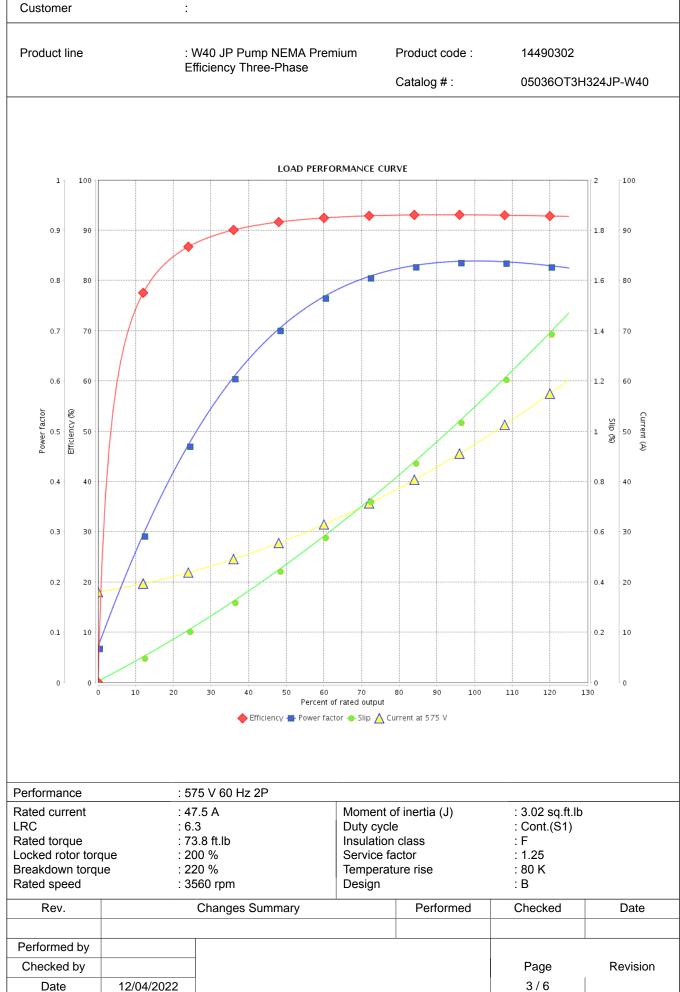


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



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## THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

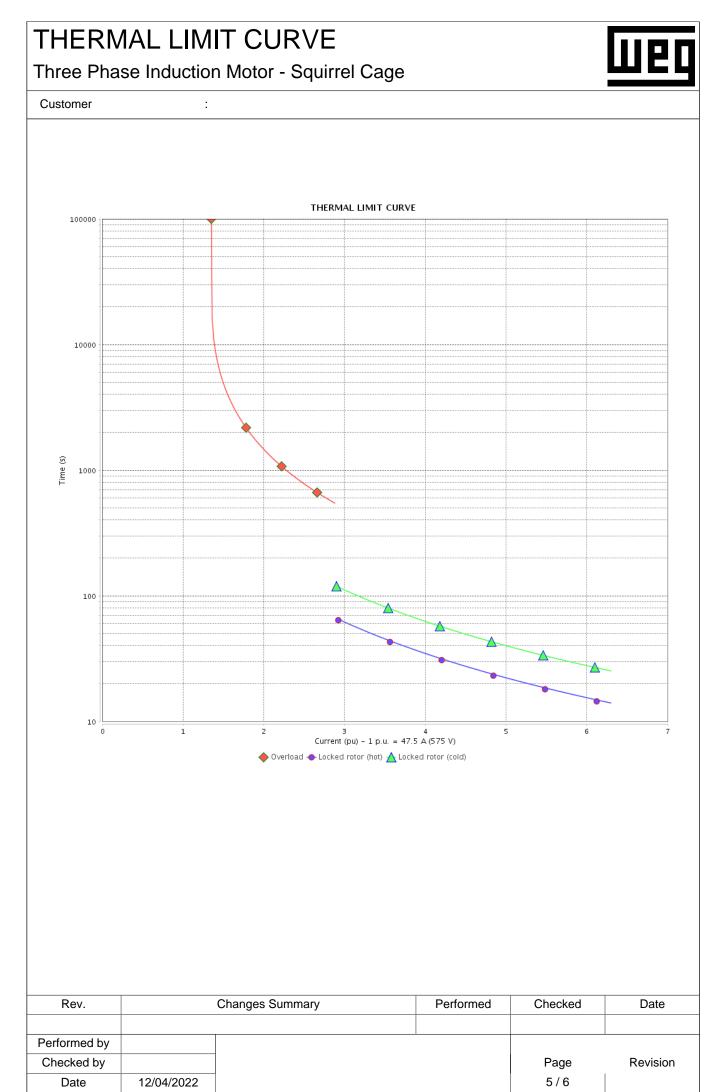
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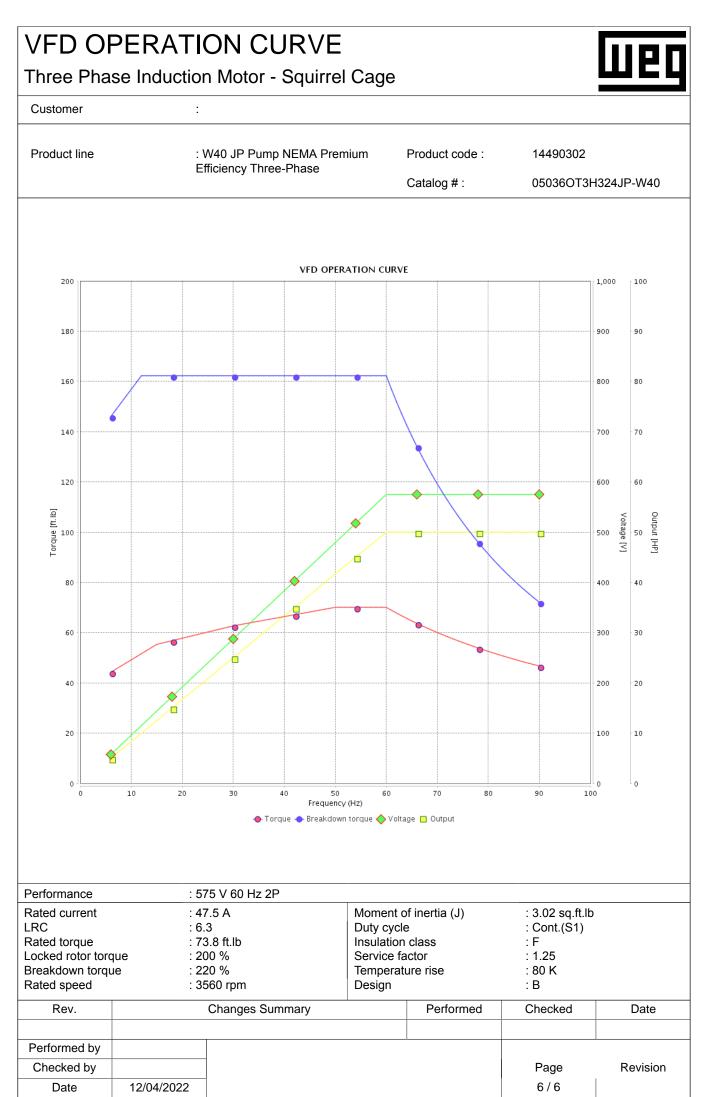
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Product line		: W40 JP Pump NEMA Prem Efficiency Three-Phase	ium	Product code : Catalog # :	14490302 05036OT3H3	324JP-W40	
Performance		575 V 60 Hz 2P					
Rated current LRC		47.5 A 6.3	Moment of Duty cycl	of inertia (J)	: 3.02 sq.ft.lb : Cont.(S1)		
Rated torque		73.8 ft.lb	Insulation	n class	: F		
Locked rotor torque		: 200 % Servic			: 1.25		
		: 220 % Temper : 3560 rpm Design		ture rise		: 80 K : B	
		<b>-</b> - <b>I I</b>	• . 9				
Heating constant Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
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Performed by				1			
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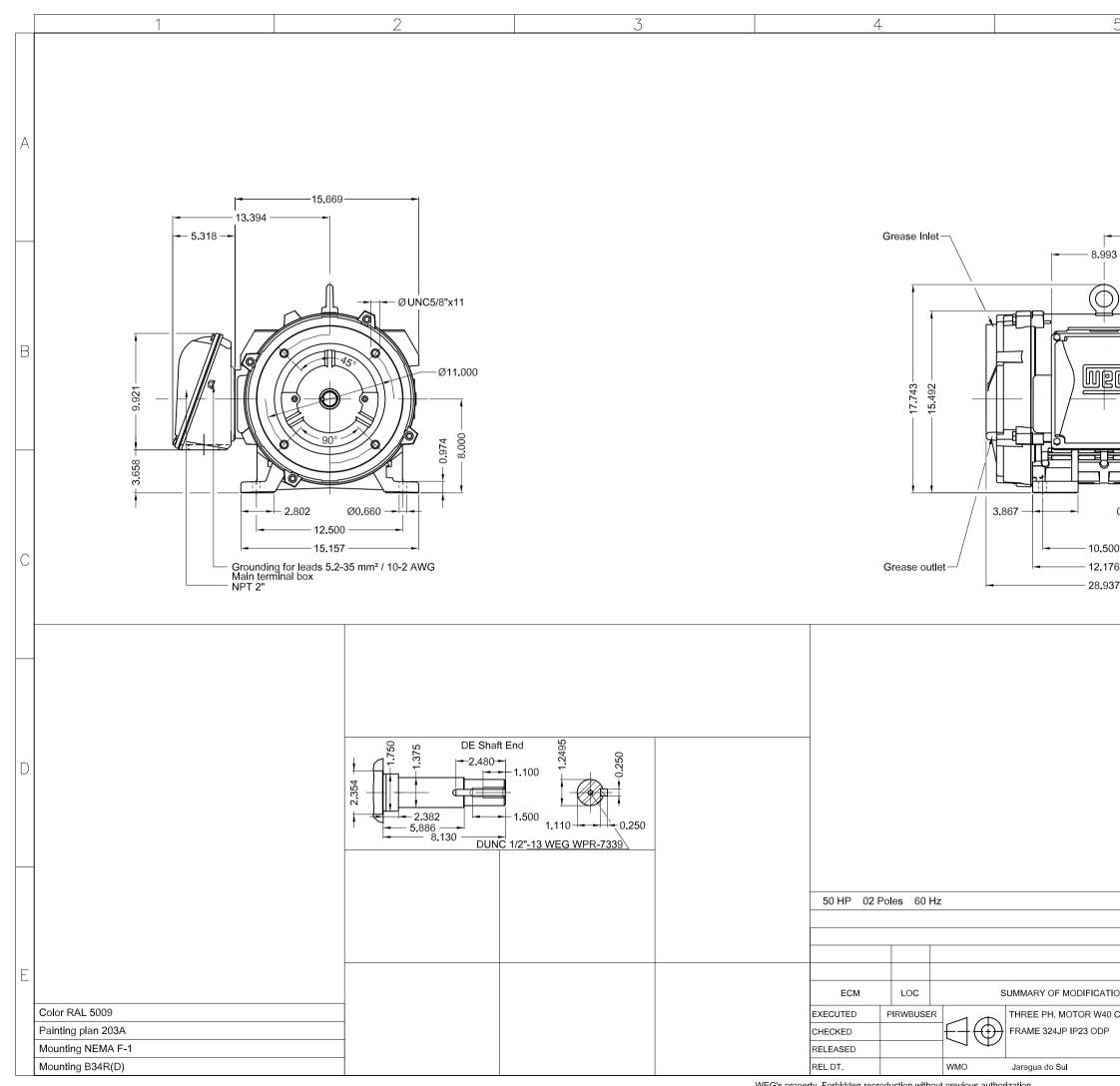
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