## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

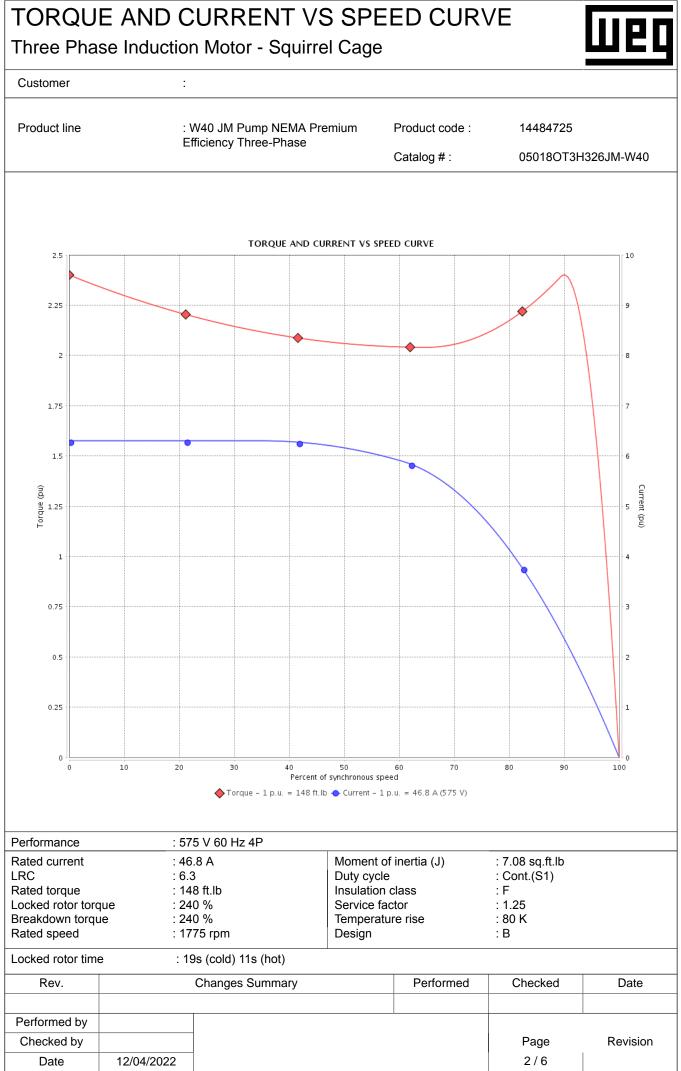
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Product line			) JM Pump ency Three	NEMA Prem e-Phase		Product code :	14484725 05018OT3F	1326 114 14/40
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia Design	je	: 4 : 60 F : 575 : 46.8 : 295 : 6.3» : 18.6 : 177 : 1.39 : 148 : 240 : 240 : 240 : F : 1.25	HP (37 kW Hz V 3 A A ((Code G) 3 A 5 rpm 9 % ft.lb % %	)	Locked Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature on degree method ng n <sup>1</sup>	05018OT3F : 19s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 66.0 dB(A : Direct On : 597 lb	-40°C .s.l. )P and CCW)
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%)	94.0	94.1	94.5	94.5	Max. trac			
Power Factor	0.44	0.70	0.80	0.84	Max. com	pression		
Lubrication interv Lubricant amour			20	)000 h		20000 h		
Lubricant type Notes		:	:	21 g Mo	bil Polyrex	11 g		
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 2 (3) Approximate v manufacturing pro-	aces and c ed. notor from t 1m and wit weight sub ocess.	the shaft e	previous c nd. e of +3dB(	Mo one, which A).	These ar	11 g EM e average values	based on tests wi	
Lubricant type	aces and c ed. notor from t 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c nd. e of +3dB(	Mo one, which A).	These ar power su	11 g EM e average values		
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	aces and c ed. notor from t 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c and. e of +3dB( inges after	Mo one, which A).	These ar power su	11 g EM e average values pply, subject to th	ne tolerances stipu	lated in NEMA
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	aces and c ed. notor from t 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c and. e of +3dB( inges after	Mo one, which A).	These ar power su	11 g EM e average values pply, subject to th	ne tolerances stipu	lated in NEMA
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	aces and c ed. notor from t 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	previous c and. e of +3dB( inges after	Mo one, which A).	These ar power su	11 g EM e average values pply, subject to th	ne tolerances stipu	lated in NEMA

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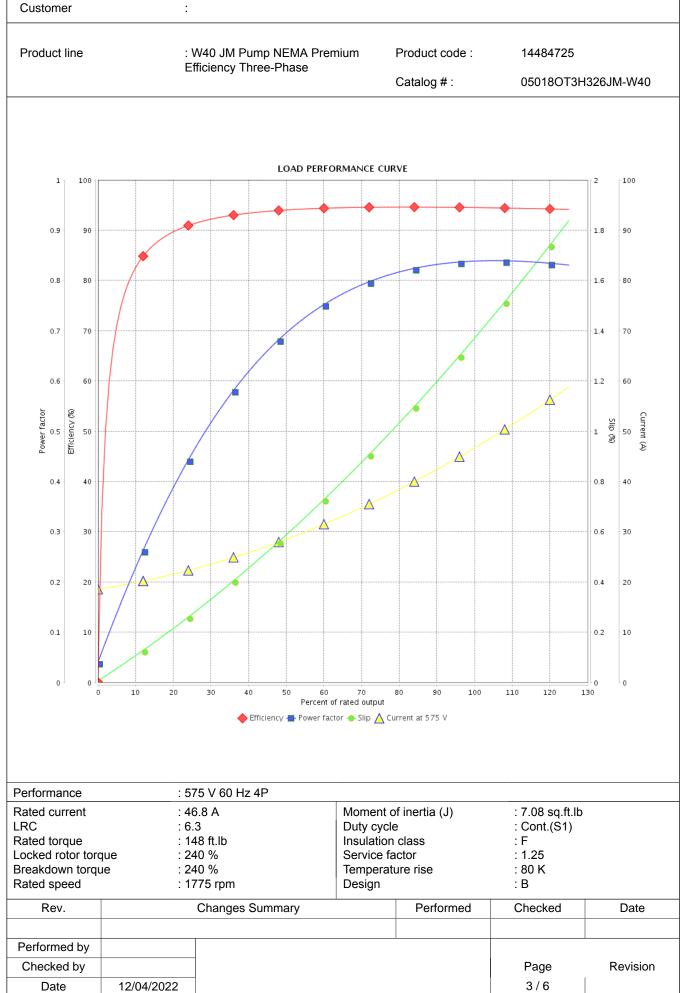


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



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## THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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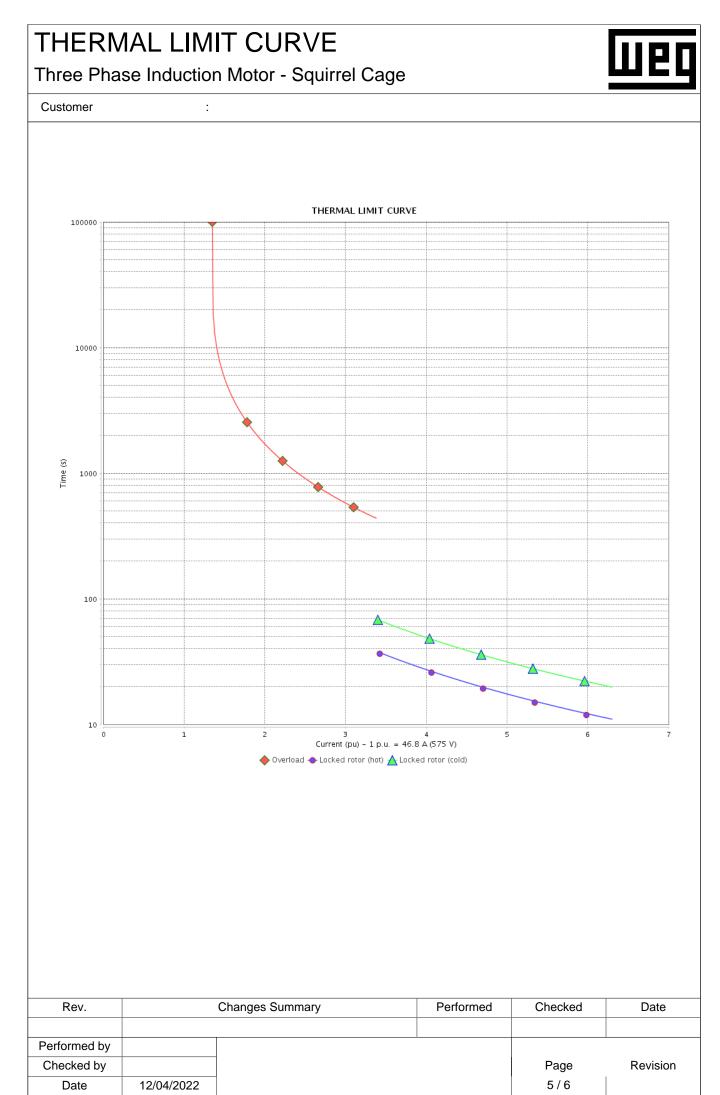
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Product line	: W40 JM Pump NEMA Premiu	um Product code :	14484725	
	Efficiency Three-Phase	Catalog # :	05018OT3H	326JM-W40
Performance	: 575 V 60 Hz 4P			
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 6.3 [ : 148 ft.lb ] : 240 %	Moment of inertia (J) Duty cycle nsulation class Service factor Temperature rise Design	: 7.08 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant				
Cooling constant				
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date 12/0	4/2022		4/6	

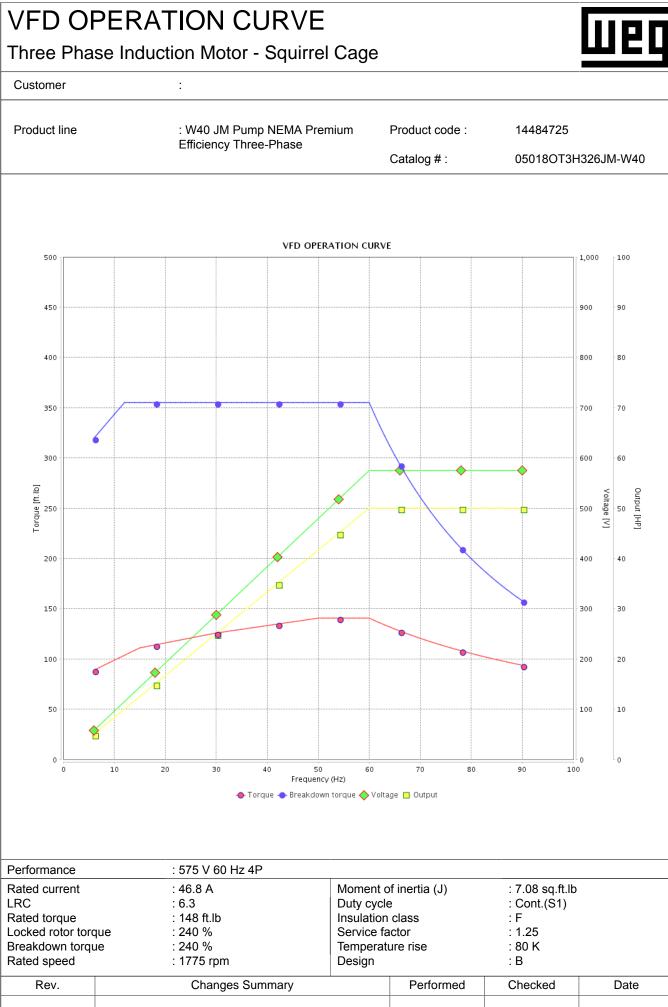
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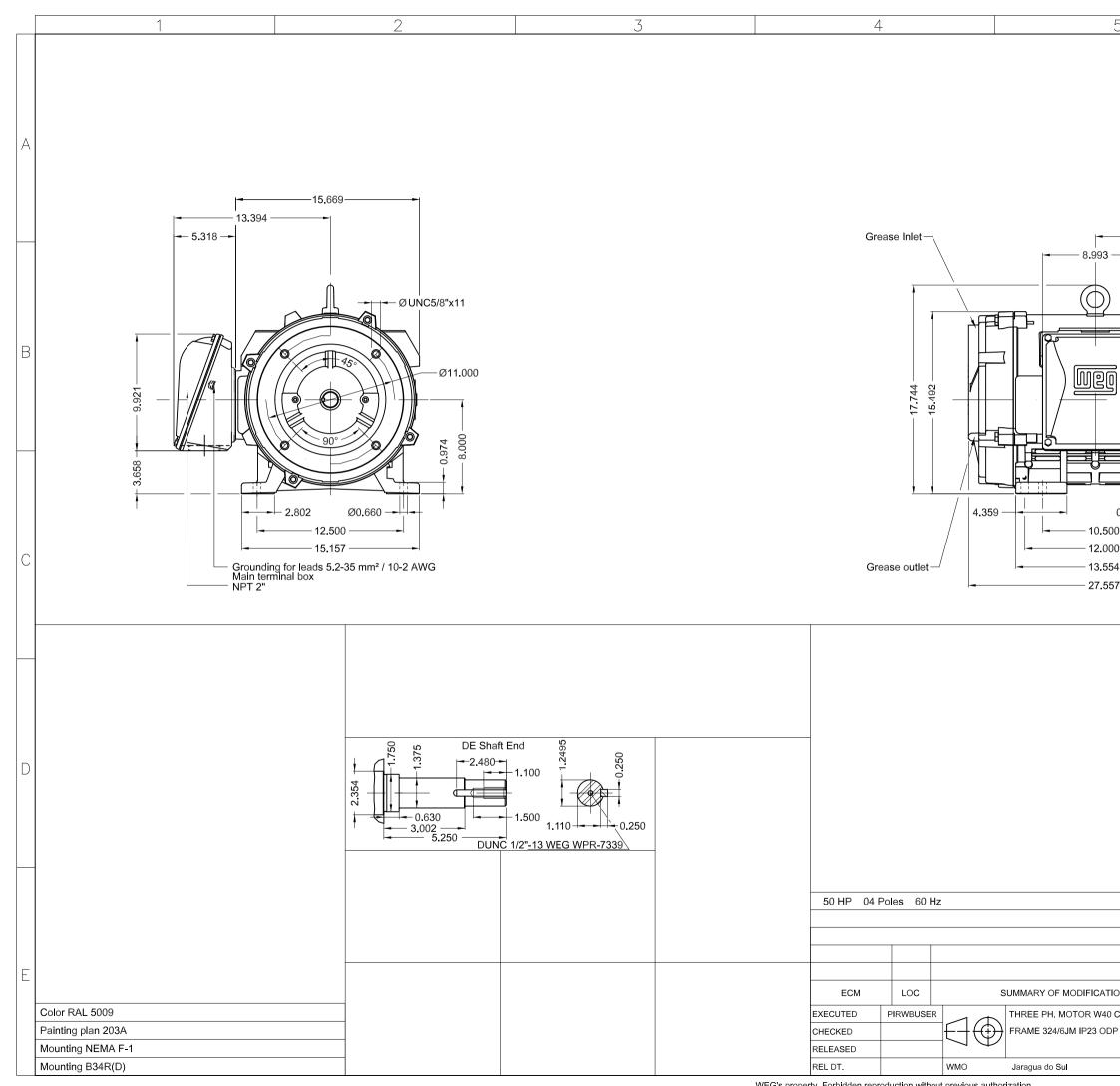
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