DATA SHEET

Three Phase Induction Motor - Squirrel Cage

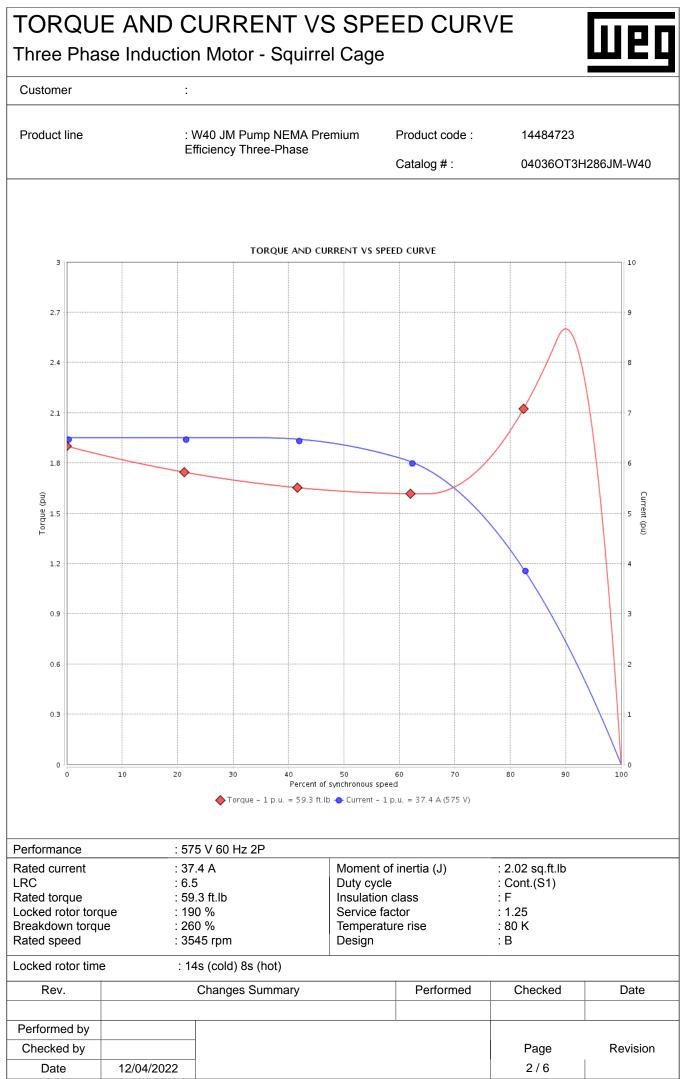
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		: W40 JM Pump NEMA Premi Efficiency Three-Phase			ium Product code : Catalog # :		14484723 04036OT3H286JM-W40	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia	e	: 2 : 60 F : 575 : 37.4 : 243 : 6.5x : 11.9 : 354 : 1.53 : 59.3 : 190 : 260 : F : 1.25 : 2.02	IP (30 kW) Iz V A A (Code G) A 5 rpm 5 % 5 ft.lb % %		Locked Temper Duty cy Ambien Altitude Protecti Cooling Mountin Rotation Noise le Starting	rotor time ature rise cle t temperature on degree method 19	: 14s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 73.0 dB(A : Direct On : 411 lb	9 8s (hot) -40°C .s.l. 0P (and CCW)
Design		: B						
Output	25%	50%	75%	100%	Foundatio			
Efficiency (%) Power Factor	91.5 0.51	91.7 0.76	92.4 0.84	92.4 0.87	Max. tract Max. com			
Lubricant type Notes		•			bil Polyrex			
must be eliminated (1) Looking the mo (2) Measured at 1r (3) Approximate w manufacturing pro	d. otor from tl m and with veight subj ocess.	he shaft e n toleranc	nd. e of +3dB(/			•	based on tests wi e tolerances stipu	
must be eliminated (1) Looking the mo (2) Measured at 1r (3) Approximate w manufacturing pro	d. otor from tl m and with veight subj ocess.	he shaft e n toleranc ect to cha	nd. e of +3dB(/	۹).	power su	•		
must be eliminated (1) Looking the mo (2) Measured at 1r (3) Approximate w manufacturing pro (4) At 100% of full Rev.	d. otor from tl m and with veight subj ocess.	he shaft e n toleranc ect to cha	nd. e of +3dB(/ nges after	۹).	power su	pply, subject to th	e tolerances stipu	lated in NEM
This revision repla must be eliminated (1) Looking the mo (2) Measured at 1r (3) Approximate w manufacturing pro (4) At 100% of full Rev. Performed by Checked by	d. otor from tl m and with veight subj ocess.	he shaft e n toleranc ect to cha	nd. e of +3dB(/ nges after	۹).	power su	pply, subject to th	e tolerances stipu	lated in NEM

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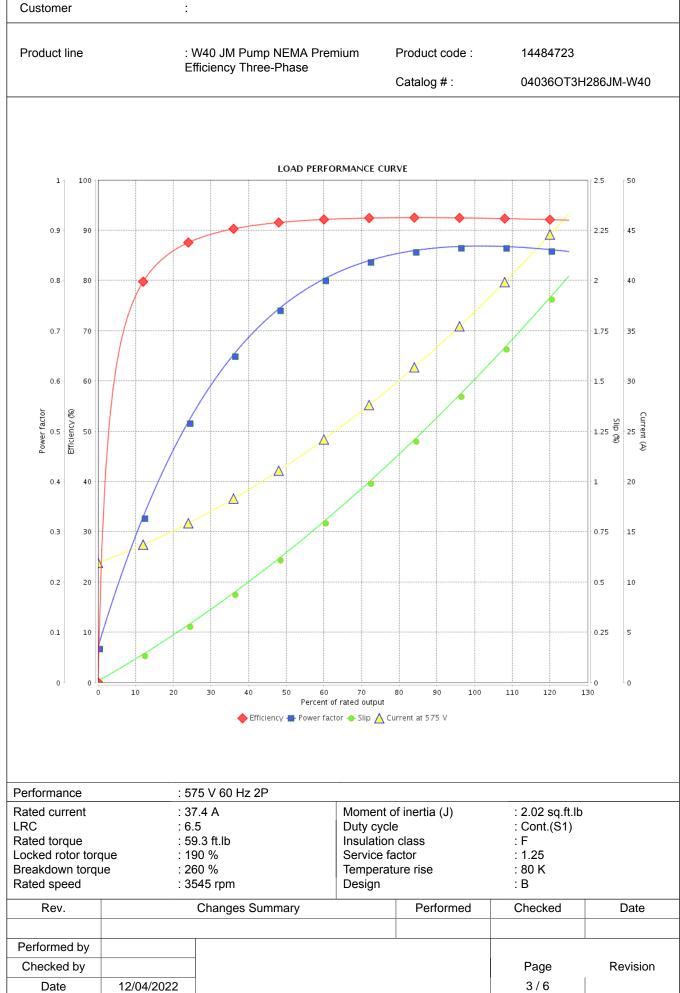


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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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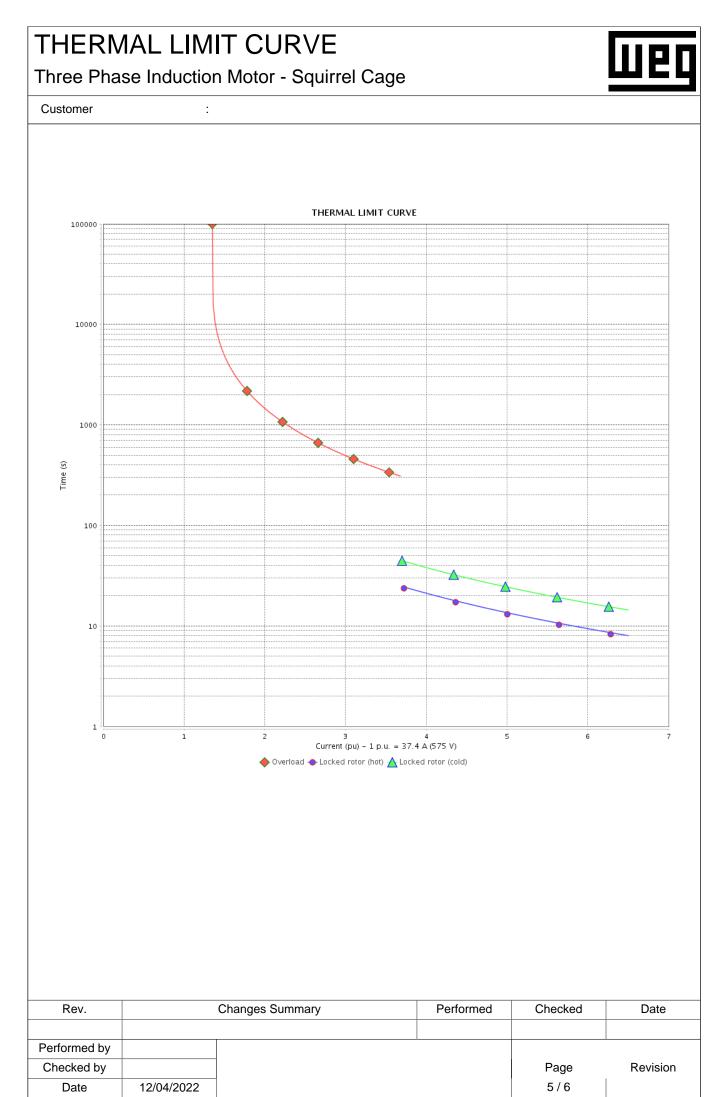


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Product line	:	: W40 JM Pump NEMA Premium Efficiency Three-Phase		Product code :	14484723		
		Enciency milee-Phase		Catalog # :	04036OT3H2	04036OT3H286JM-W40	
Performance : 575 V 60 Hz 2P		575 V 60 Hz 2P					
Rated current LRC Rated torque Locked rotor torque Breakdown torque		57.4 A 5.5 59.3 ft.lb 90 % 560 % 5545 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 2.02 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	40/04/0555	_			Page	Revision	
Date	12/04/2022				4 / 6		

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 12/04/2022
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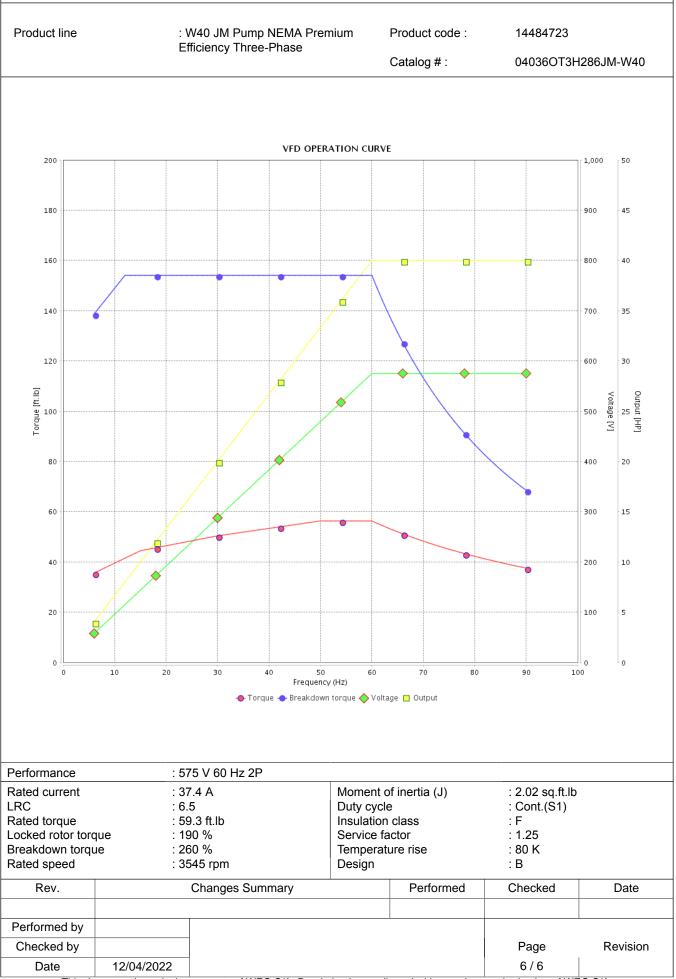
VFD OPERATION CURVE

Three Phase Induction Motor - Squirrel Cage

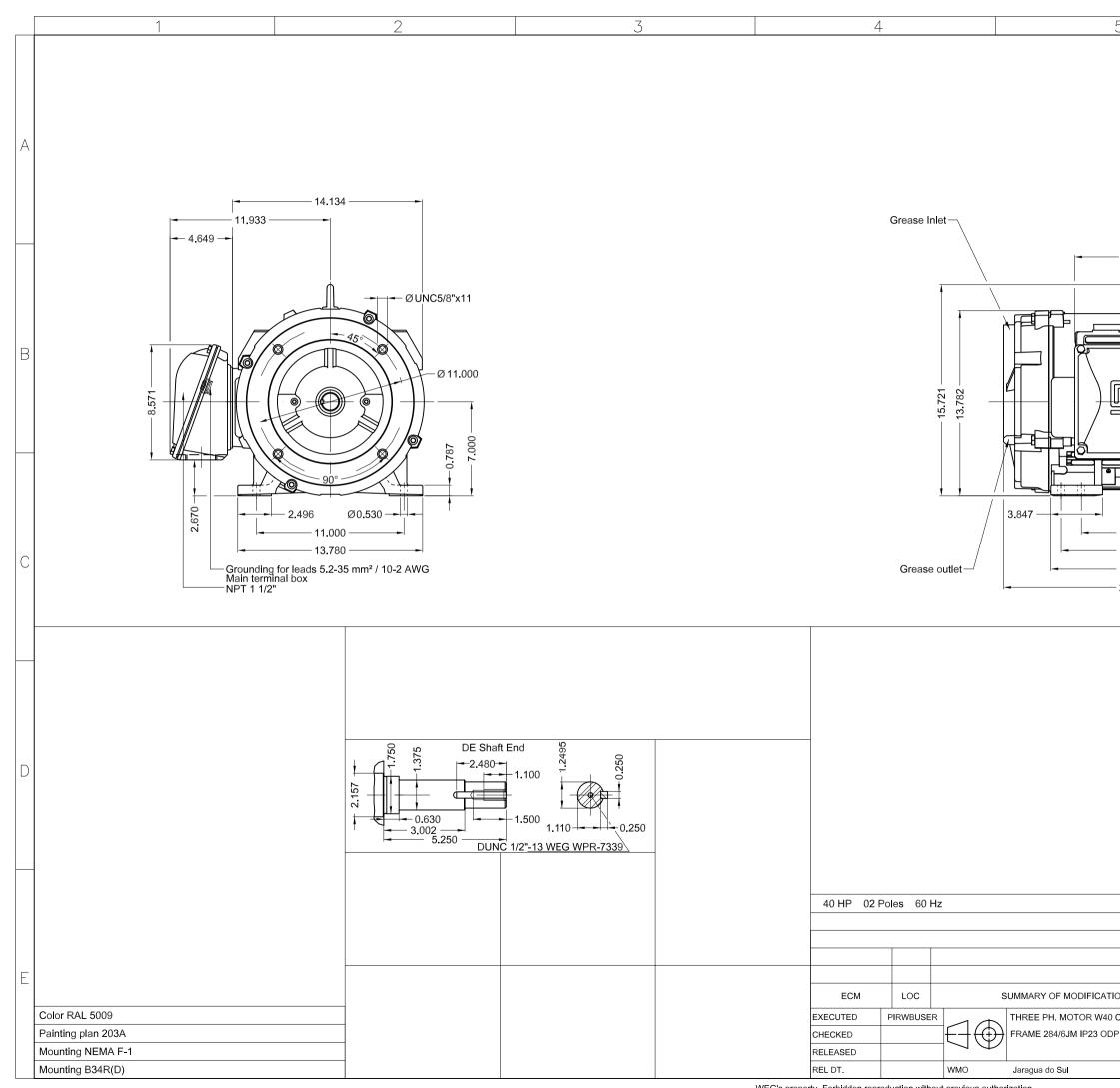
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					+	
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
) CLOSE COUPLED P)P	UMP JM TYPE		EW	Ше		A3
Duri d	Engineerite			шС		XME
Produc	t Engineering	SHEET	1 / 1			X

