DATA SHEET

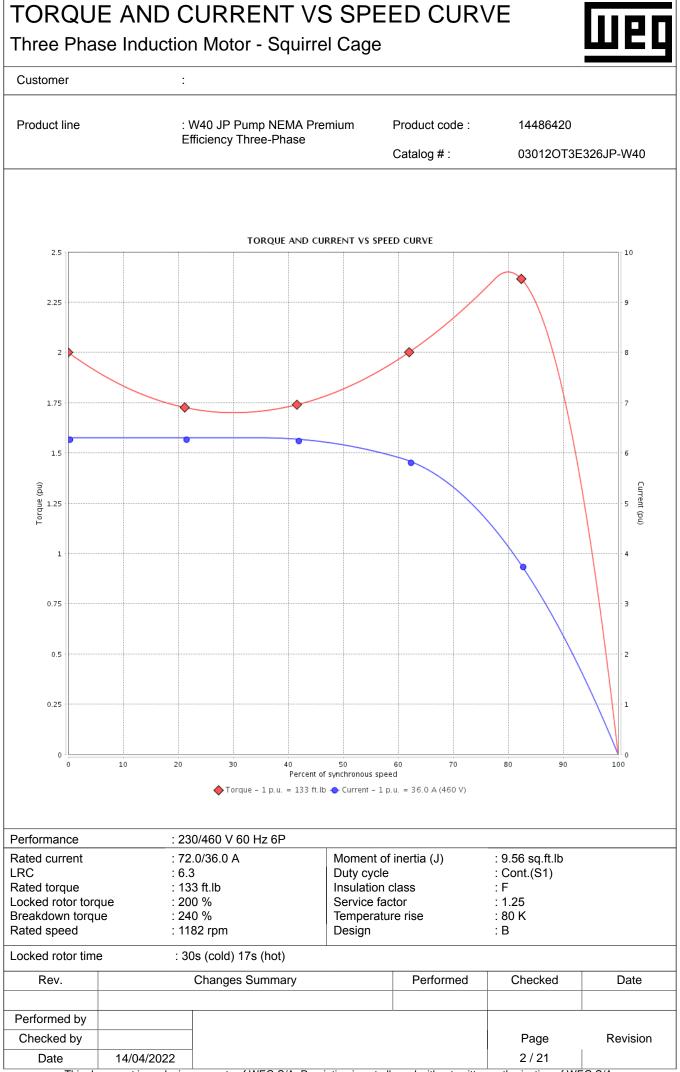
Three Phase Induction Motor - Squirrel Cage

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Customer

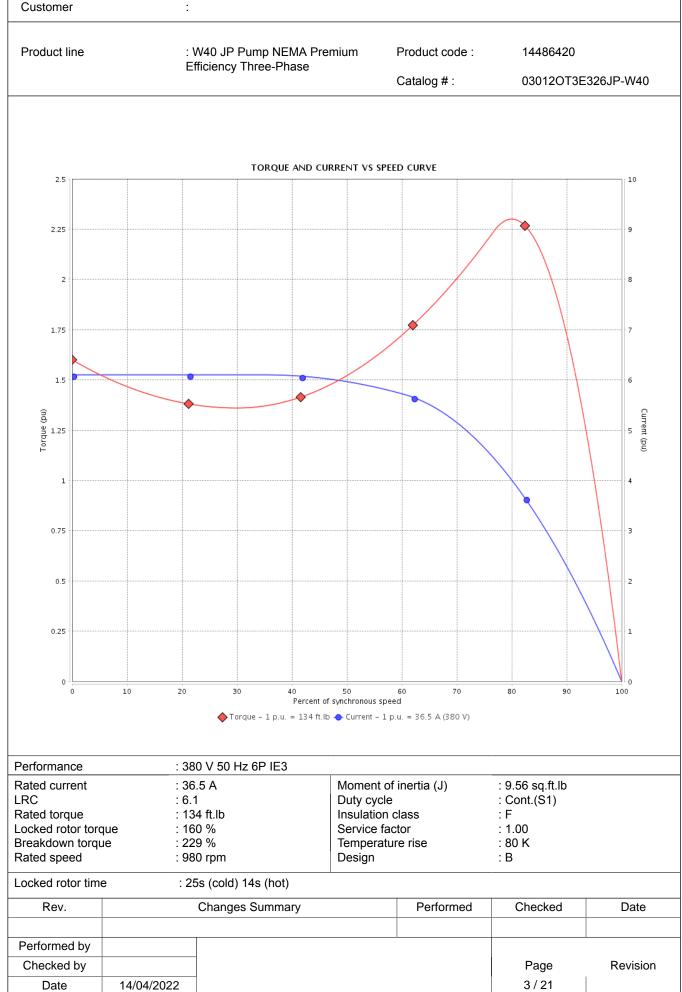
Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		um Prod	m Product code :		14486420	
				Cata	log # :	030120	0T3E326JP-W40	
Frame		: 324/6JP		Cooling meth	nod	: IC01 -	ODP	
Insulation class		: F		Mounting		: F-1		
Duty cycle		: Cont.(S1)		Rotation ¹		: Both (CW and CCW)	
Ambient tempera	ature	: -20°C to +40°C		Starting method		: Direct On Line		
Altitude		: 1000 m.a.s.l.		Approx. weig		: 531 lb		
Protection degre	e	: IP23		Moment of in		: 9.56 s	q.ft.lb	
Design		: B						
Dutput [HP]		30		25	25		25	
Poles		6		6	6		6	
requency [Hz]		60		50	50		50	
Rated voltage [V]		230/460		380	400		415	
Rated current [A]		72.0/36.0		36.5	35.5		34.6	
R. Amperes [A]		454/227		223	238		235	
.RC [A]		6.3x(Code G)	6.1	Ix(Code G)	6.7x(Co	de H)	6.8x(Code H)	
lo load current [A	\]	29.6/14.8		14.6	15.8	3	16.8	
Rated speed [RPI		1182		980	980)	980	
Slip [%]		1.50		2.00	2.00)	2.00	
Rated torque [ft.lb	0	133		134	134		134	
ocked rotor torqu		200		160	180		200	
Breakdown torque		240		229	260		280	
Service factor]	1.25		1.00	1.00		1.00	
emperature rise		80 K		80 K	80 k		80 K	
ocked rotor time		30s (cold) 17s (hot)	250 (1			Nas (hot)	23s (cold) 13s (hot)	
locked fotor time		62.0 dB(A)	203 (0					
	25%	91.7		91.2	91.2	,	91.4	
	50%	91.7		91.2	91.2		91.6	
Efficiency (%) 75% 93.0 91.8 91.8								
							91.8	
	100%	93.6		91.8	91.8		91.8	
	25%	0.44		0.44	0.40		0.38	
Power Factor	50%	0.70		0.70	0.66		0.63	
	75%	0.79		0.80	0.77		0.75	
	100%	0.82			0.82	2	0.81	
Bearing type			<u>rive end</u> 1 Z C3	Foundation lo	bads			
Sealing				Max. compres	551011			
Lubrication inter	val		ing Seal 000 h					
Lubricant amour			11 g					
	it.							
Lubricant type		: Mobil Polyrex E						
Notes USABLE @208V	79.6A SF 1.	15 SFA 91.6A						
must be eliminate	ed.	ncel the previous one, w	hich	power supply,			ts with sinusoidal stipulated in NEMA	
(3) Approximate	1m and with t weight subjec ocess.	e shaft end. colerance of +3dB(A). ct to changes after		MG-1.				
manufacturing pr (4) At 100% of fu		<u> </u>	,	P	Performed	Checked	Date	
		Changes Summary						
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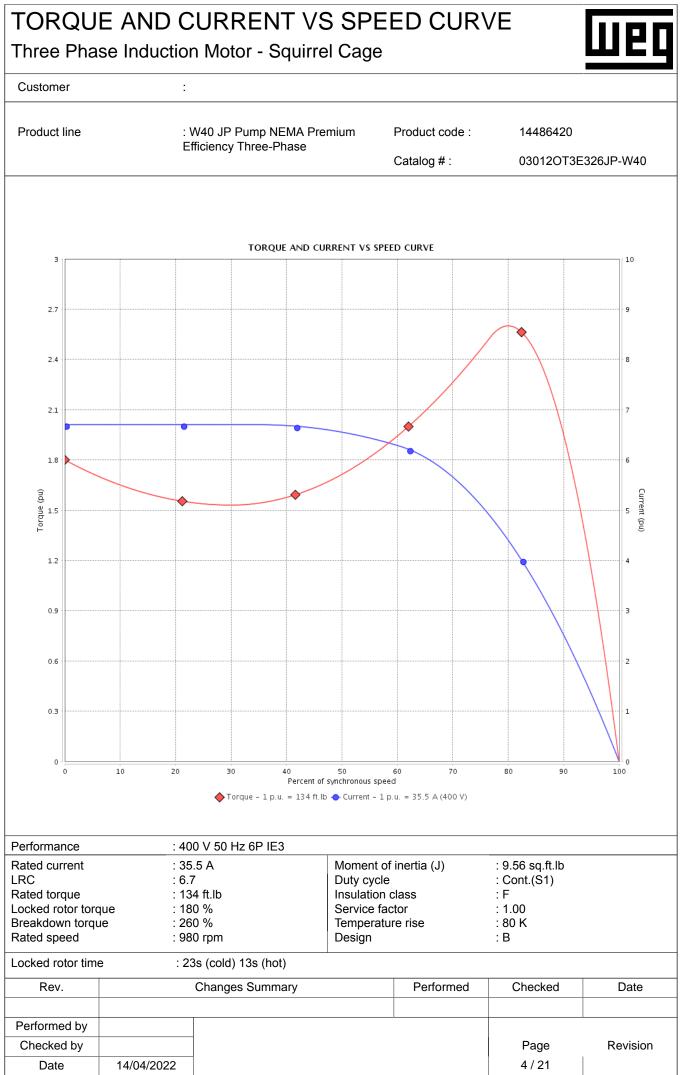
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



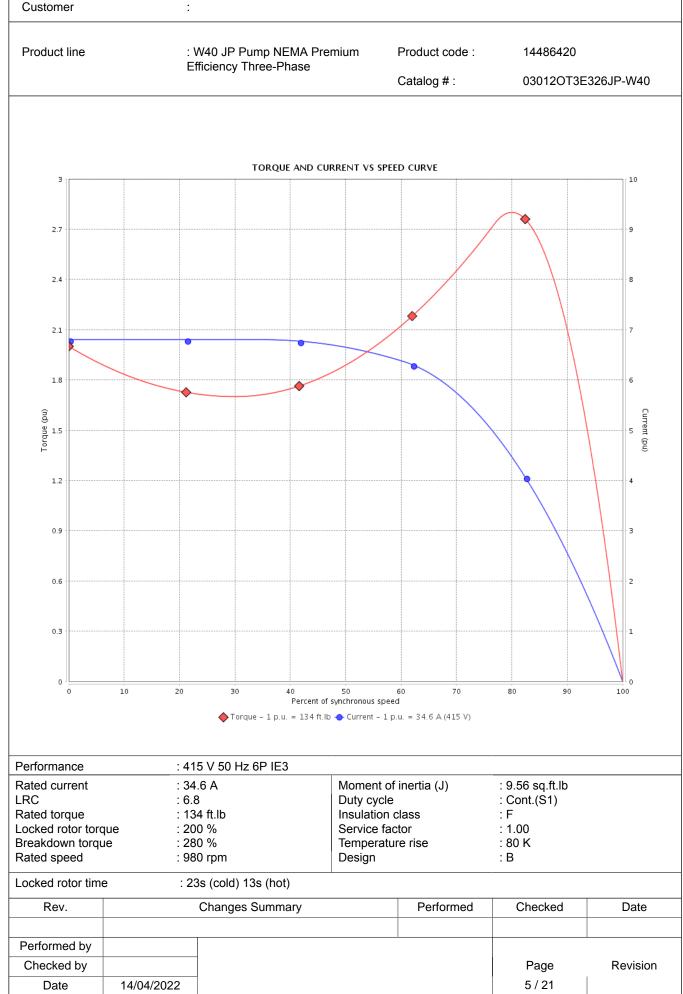
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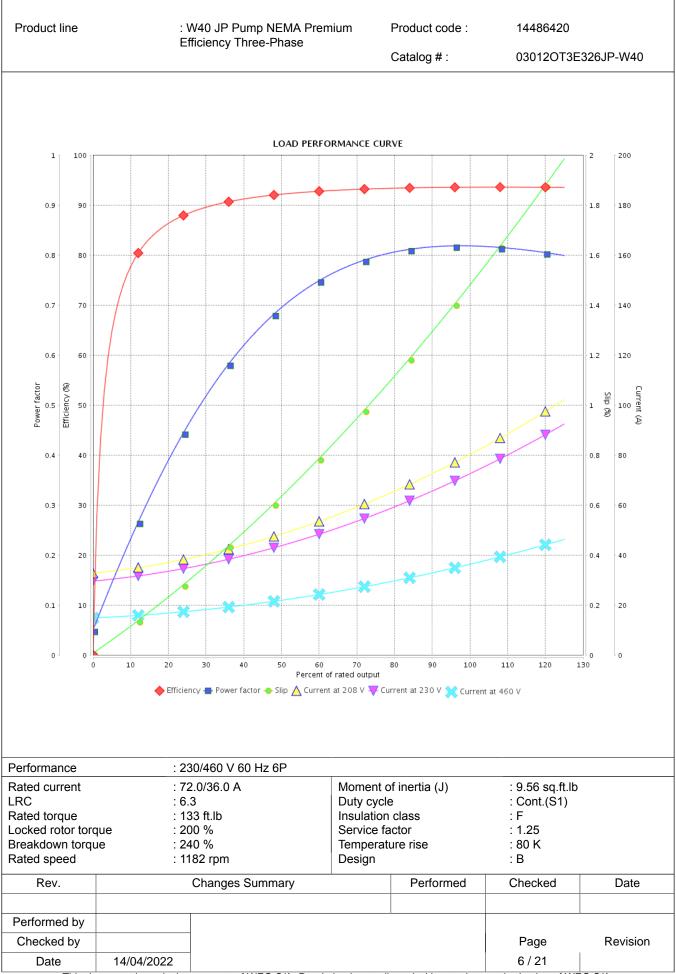
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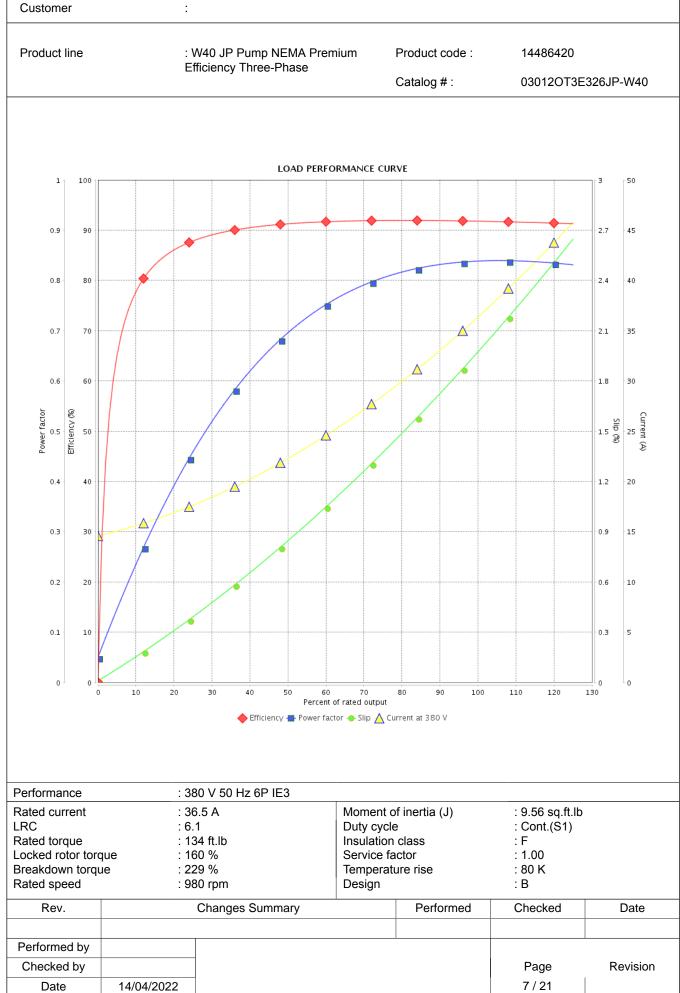


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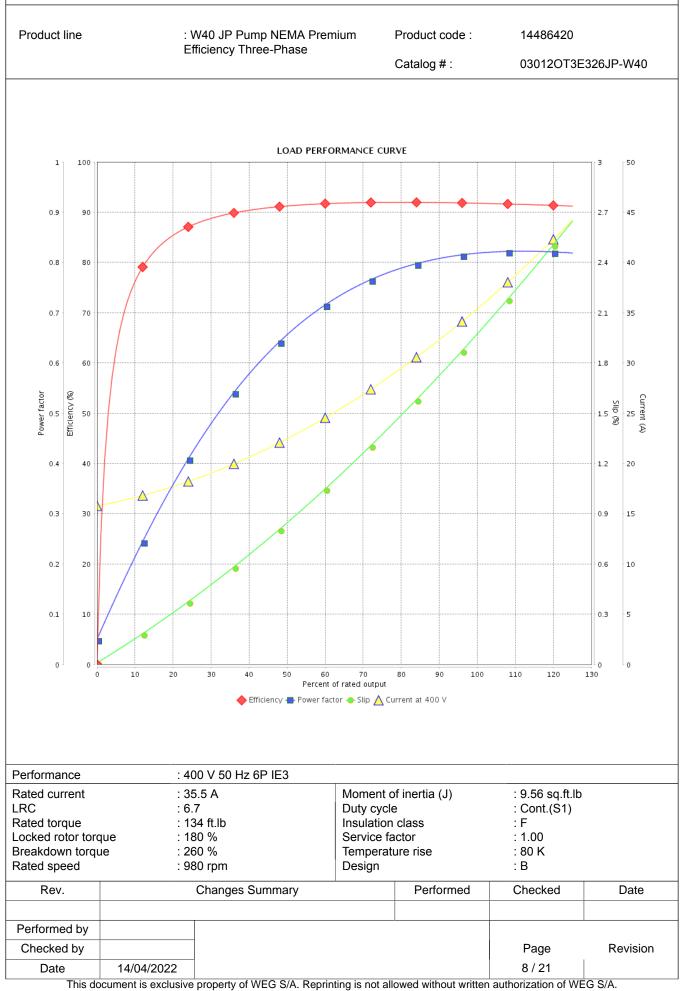
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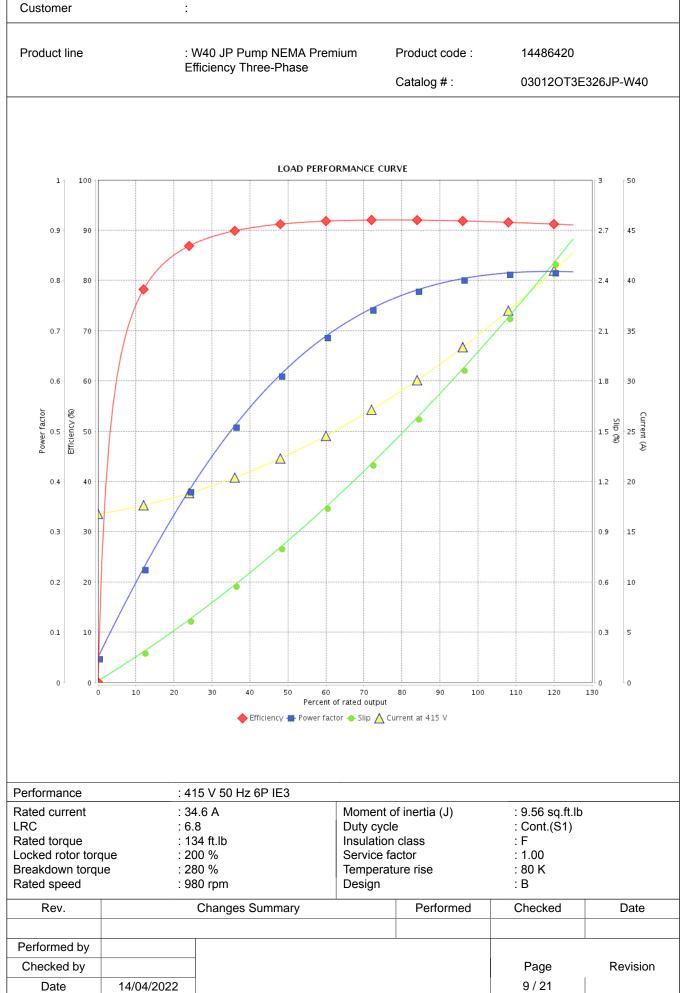


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THERMAL LIMIT CURVE

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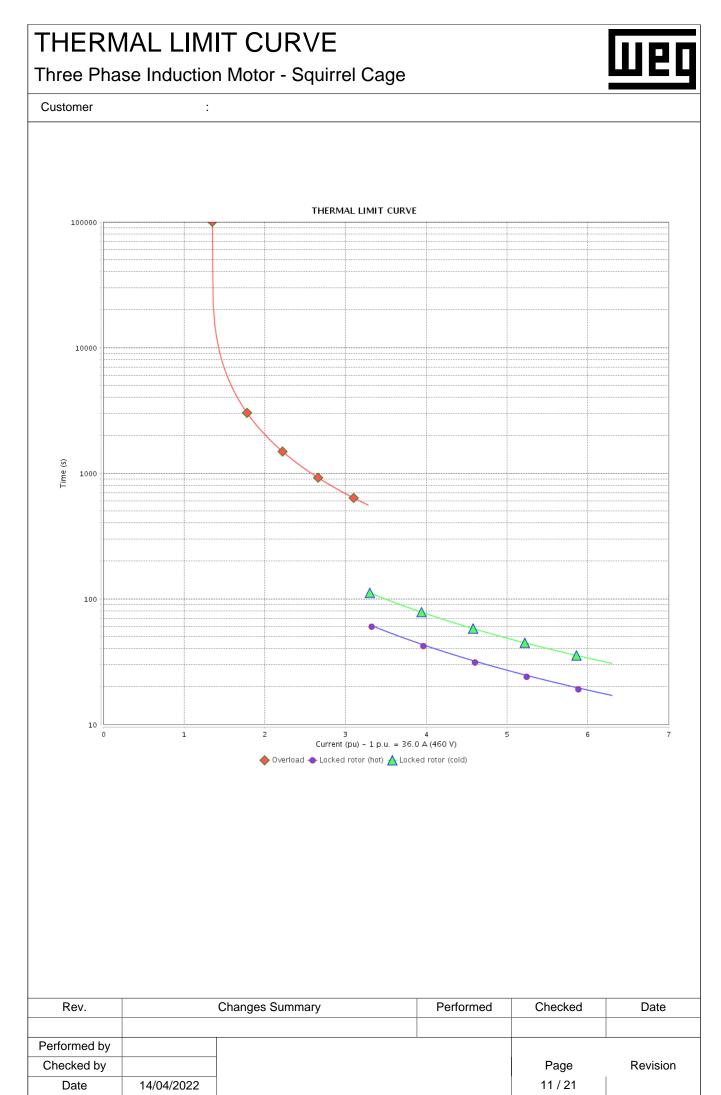
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Customer

Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code : Catalog # :	14486420 03012OT3E326JP-W40		
				Catalog # .	03012013E32	2017-1140	
Performance	: 23	30/460 V 60 Hz 6P					
Rated torque Locked rotor torque Breakdown torque		: 72.0/36.0 A Moment : 6.3 Duty cyc : 133 ft.lb Insulation : 200 % Service : 240 % Tempera : 1182 rpm Design		class ictor	: 9.56 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constant							
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
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Date 14/04/2022				10/21			

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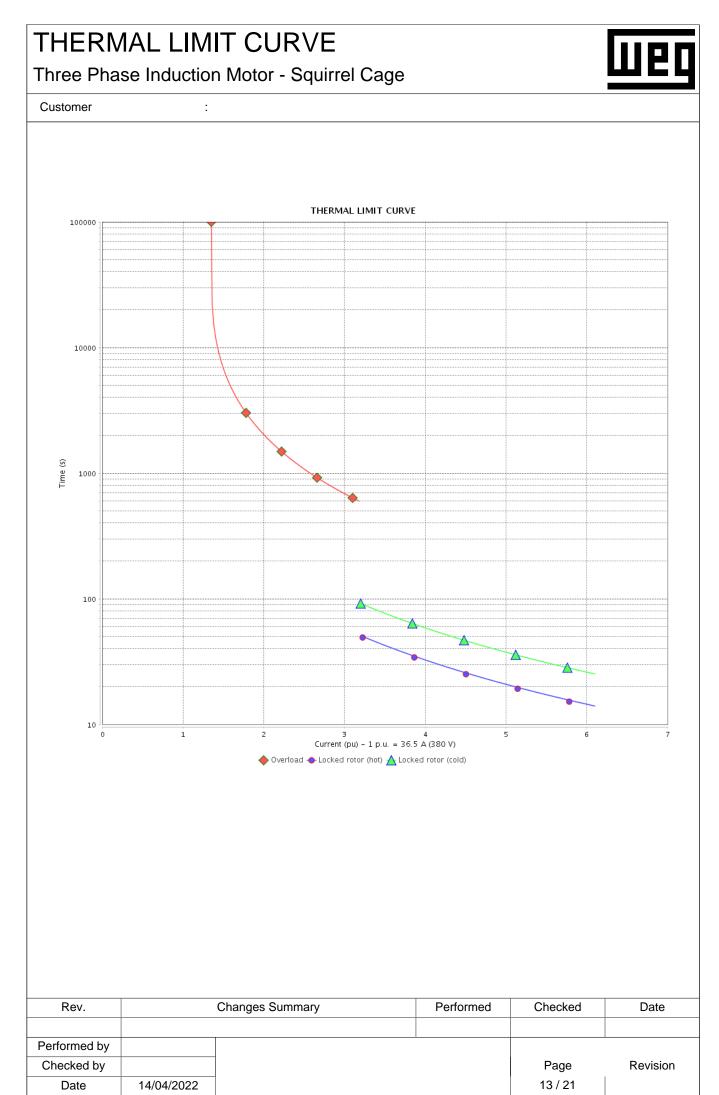
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Customer

Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14486420		
		,		Catalog # :	03012OT3E3	26JP-W40	
Performance	· 3	80 V 50 Hz 6P IE3					
Rated current		6.5 A	Moment o	f inertia (J)	: 9.56 sq.ft.lb		
LRC	: 6	5.1	Duty cycle	;	: Cont.(S1)		
Rated torque Locked rotor toro		34 ft.lb 60 %	Insulation class Service factor		: F : 1.00		
Breakdown torqu		29 %	Temperati		: 80 K		
Rated speed		80 rpm	Design		: B		
Heating constan							
Cooling constant	[Ohan maa O		Dert			
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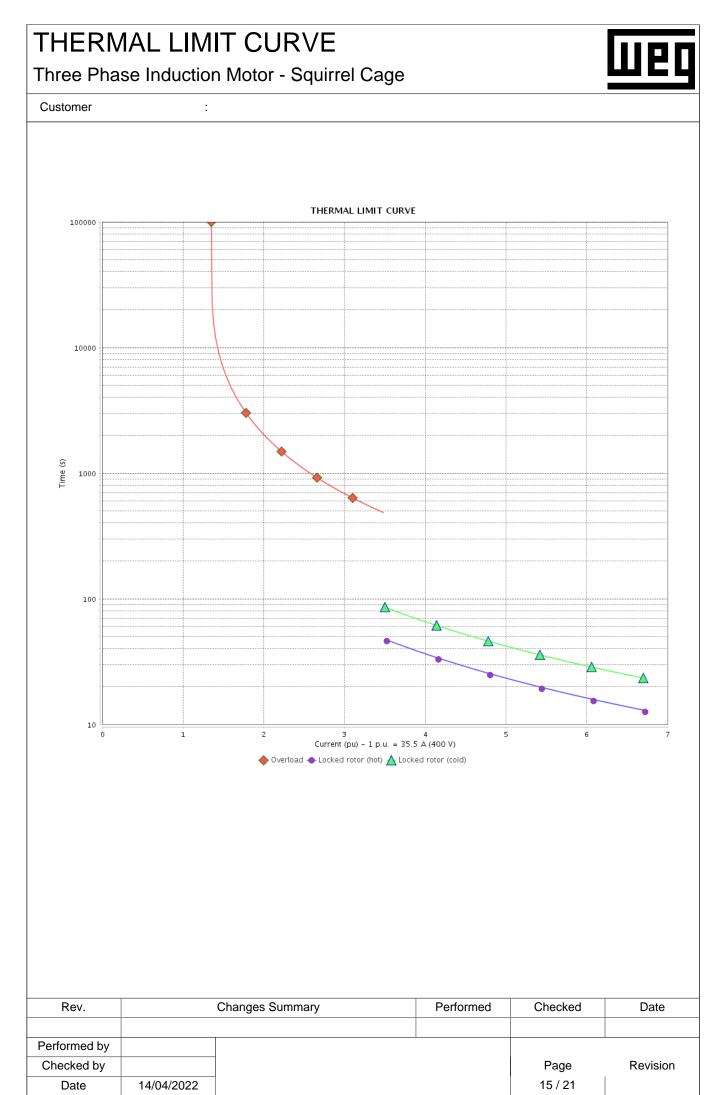
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14486420	
				Catalog # :	03012OT3E32	26JP-W40
Dorformanaa						
Performance		00 V 50 Hz 6P IE3	Marra	finantia (1)		
Rated current LRC	: 3:	5.5 A 7	Moment of inertia (J) Duty cycle		: 9.56 sq.ft.lb : Cont.(S1)	
Rated torque	: 13			class	: F	
Locked rotor torq		80 %	Service fa		: 1.00	
Breakdown torqu Rated speed		: 260 % Tempera : 980 rpm Design		ure rise	: 80 K : B	
Heating constant			-			
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

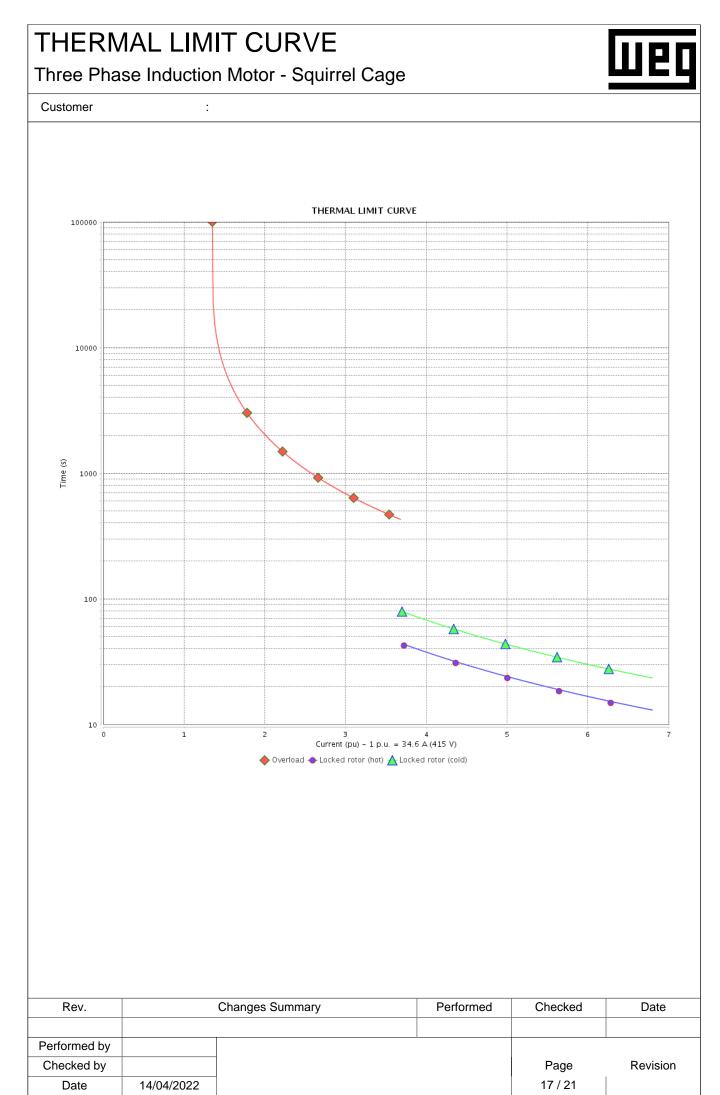
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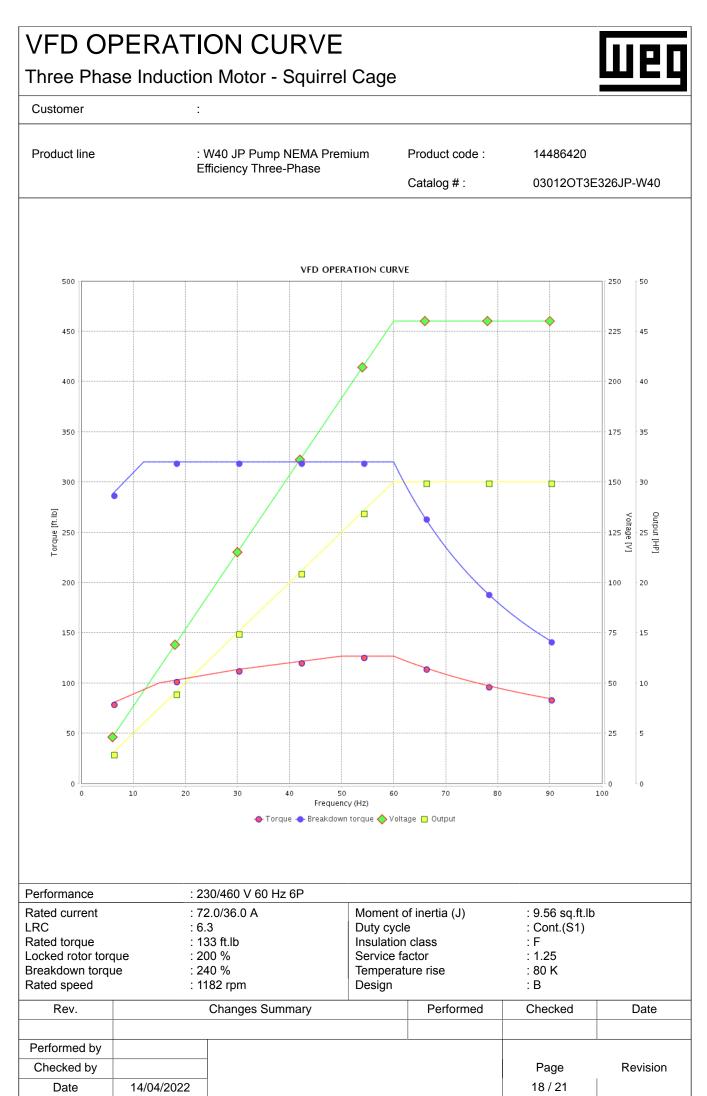


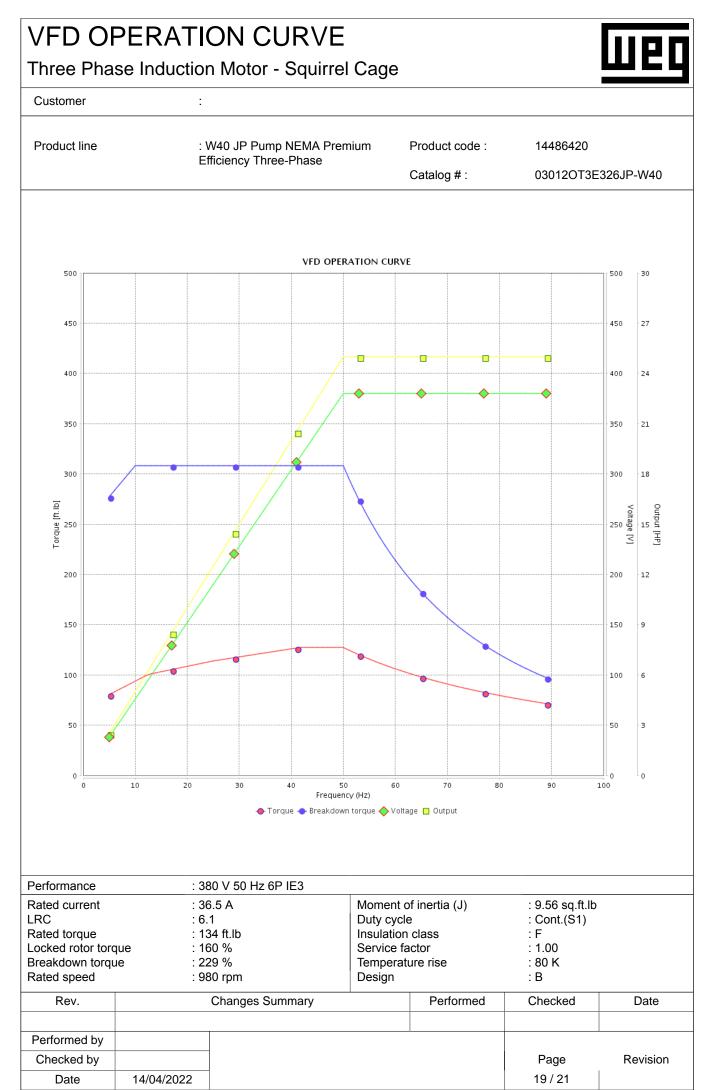
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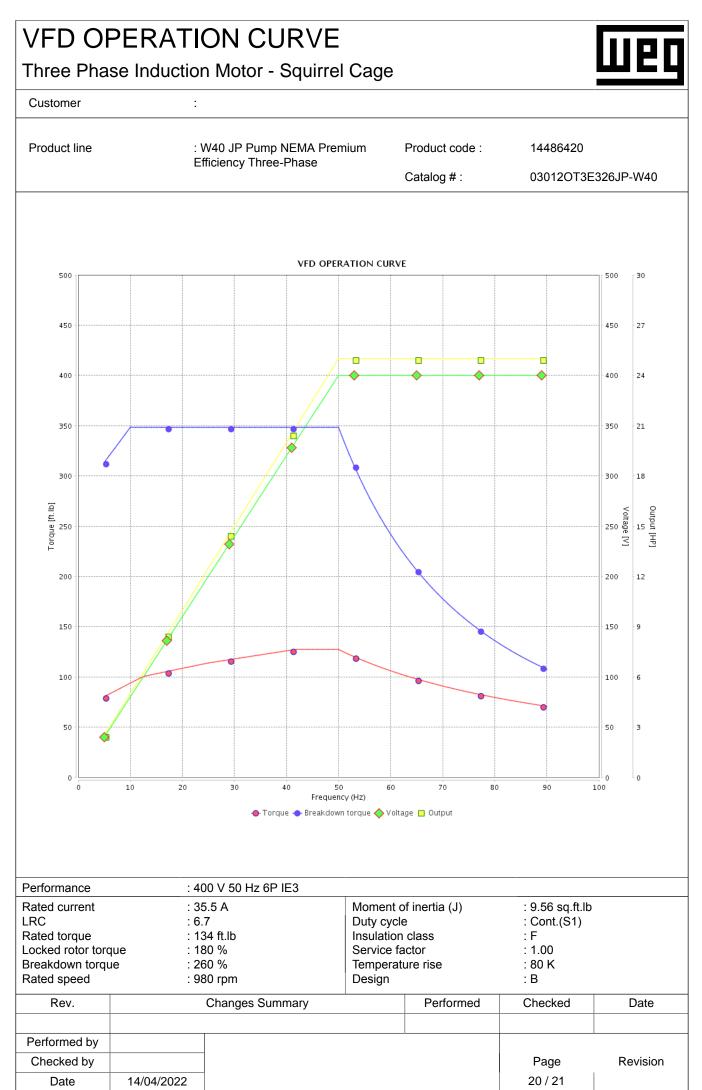
Product line		W40 JP Pump NEMA Prem fficiency Three-Phase		Product code : Catalog # :	14486420 03012OT3E32	26JP-W40
Performance	: 4	15 V 50 Hz 6P IE3			·	
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 34.6 A Moment : 6.8 Duty cyc : 134 ft.lb Insulatio : 200 % Service ft : 280 % Temperation : 980 rpm Design		class ctor	: 9.56 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constant						
Cooling constant						
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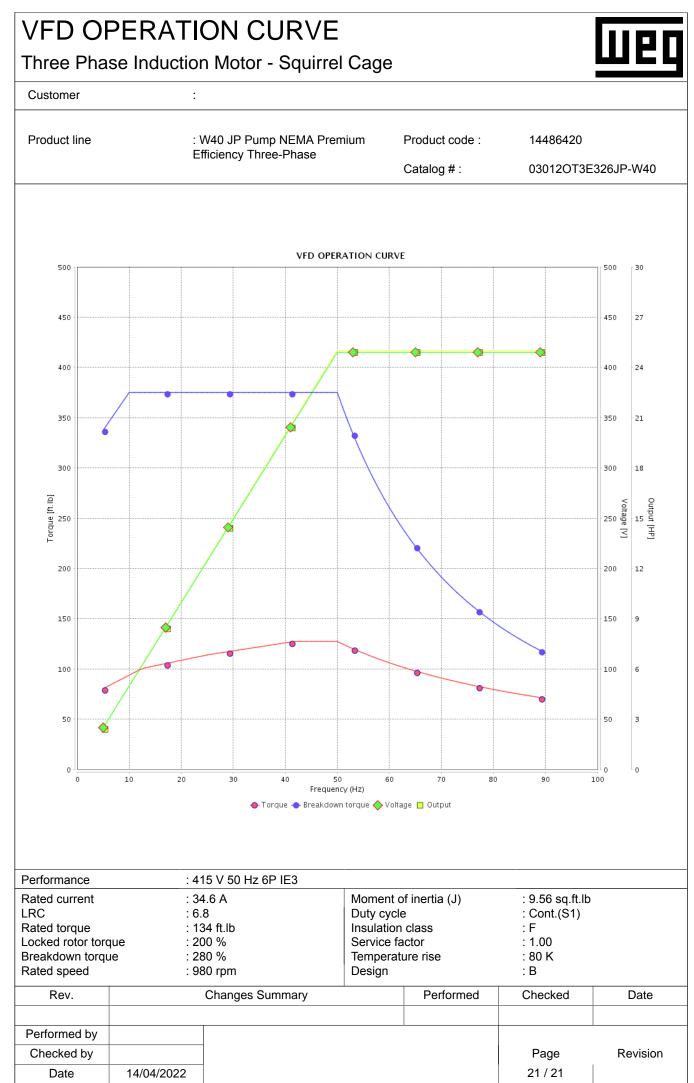
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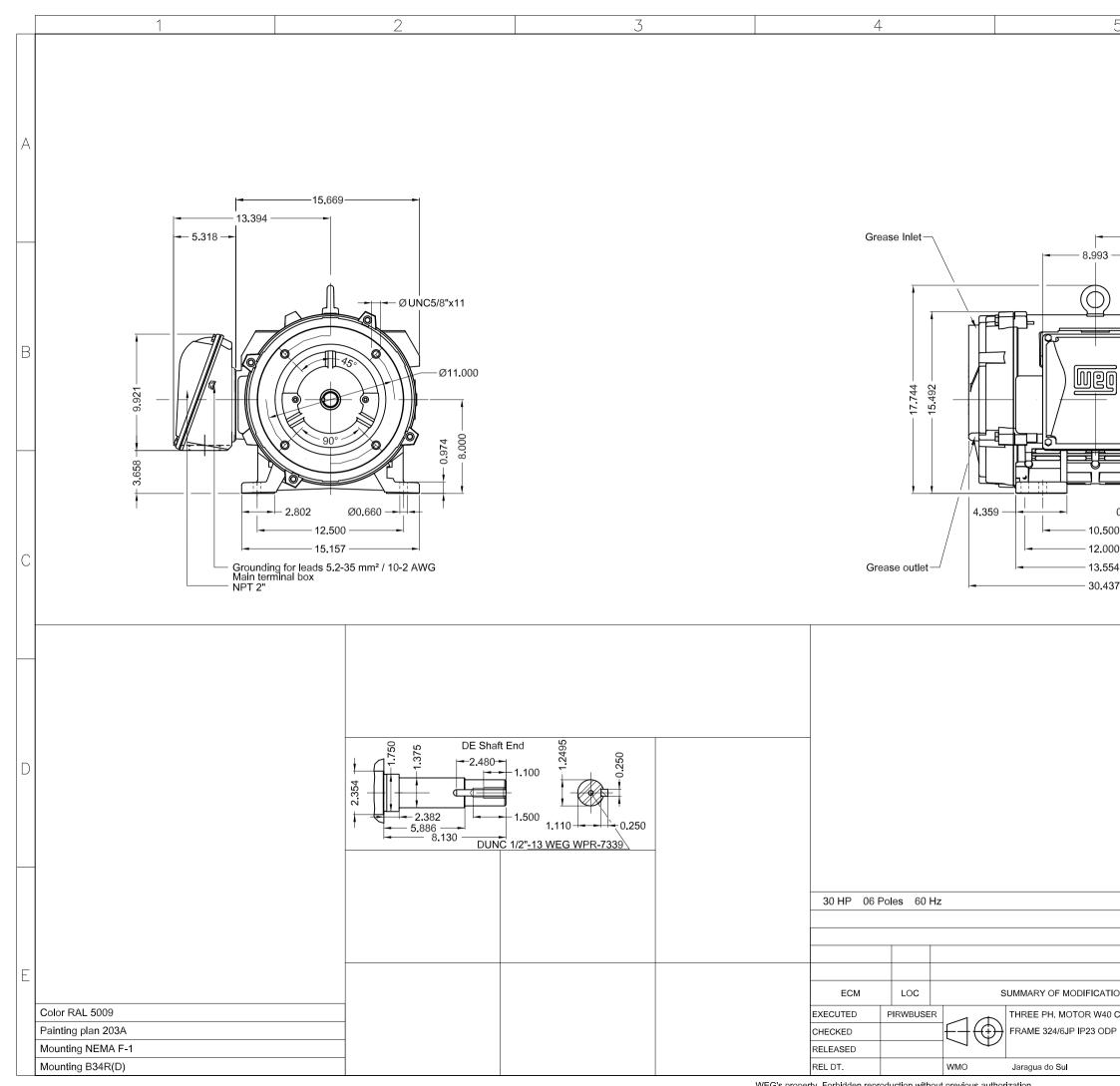












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