DATA SHEET

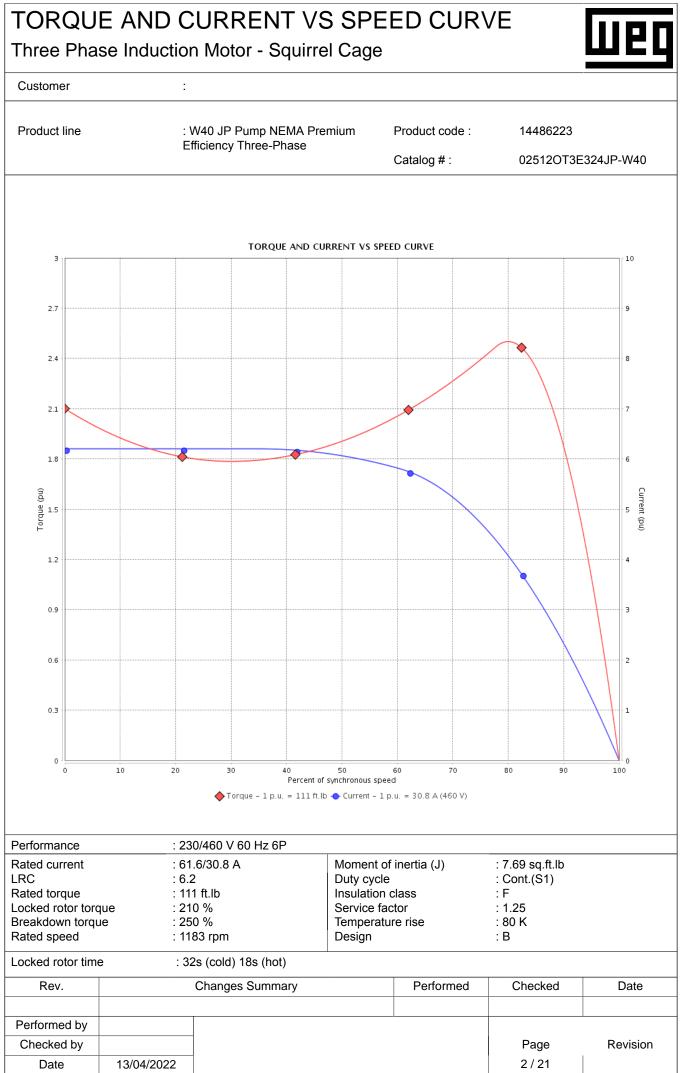
Three Phase Induction Motor - Squirrel Cage

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Customer

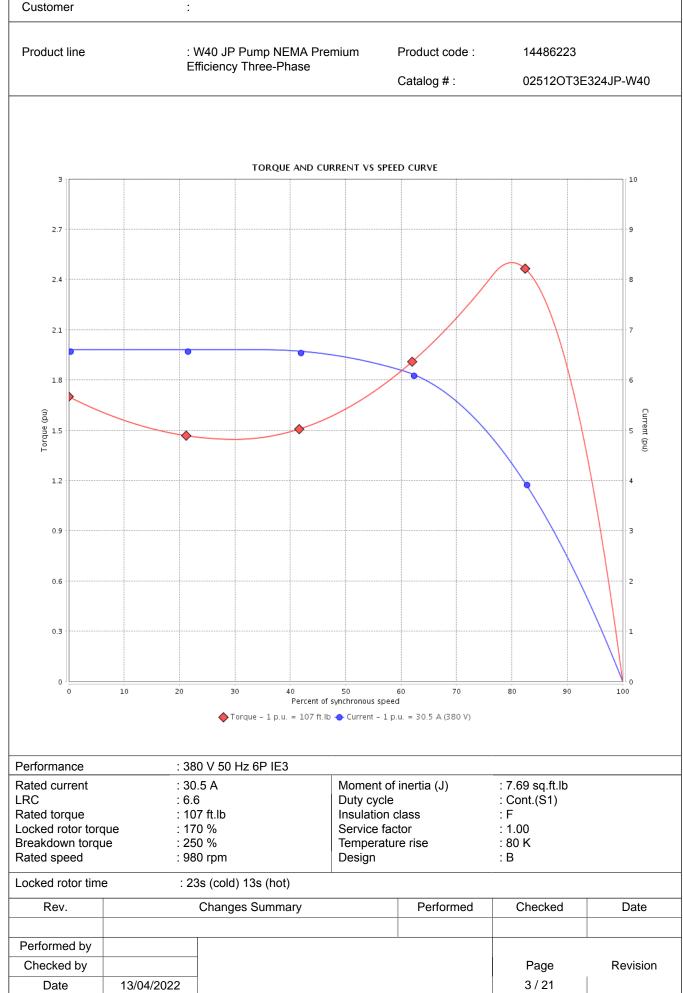
Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		um Proo	m Product code :		14486223	
			be	Cata	alog # :	025120	T3E324JP-W40	
Frame Insulation class		: 324JP : F		Cooling met	thod	: IC01 - : F-1	ODP	
Duty cycle		: Cont.(S1)		Mounting Rotation ¹			CW and CCW)	
Ambient tempera	ature	: -20°C to +40°C		Starting me	thod		On Line	
Altitude		: 1000 m.a.s.l.		Approx. wei		: 517 lb		
Protection degre	е	: IP23		Moment of i		: 7.69 s		
Design	•	: B					4	
Dutput [HP]		25		20	20		20	
Poles		6		6	6		6	
Frequency [Hz]		60		50	50		50	
Rated voltage [V]		230/460		380	400		415	
Rated current [A]		61.6/30.8		30.5	30.		29.7	
R. Amperes [A]		382/191		201	205		205	
.RC [A]		6.2x(Code G)	6.6	6x(Code H)	6.8x(Co		6.9x(Code J)	
lo load current [A	.]	28.4/14.2		14.0	15.	5	16.7	
Rated speed [RPN	Л]	1183		980	985	5	985	
Slip [%]		1.42		2.00	1.50	0	1.50	
Rated torque [ft.lb]	111		107	107		107	
ocked rotor torqu		210		170	229		210	
Breakdown torque		250		250	290		310	
Service factor		1.25	1.00		1.00		1.00	
emperature rise		80 K		80 K	80 1		80 K	
ocked rotor time		32s (cold) 18s (hot)	23s (c	cold) 13s (hot)			25s (cold) 14s (hot)	
Noise level ²		62.0 dB(A)	(
	25%	91.0		90.6	90.9	9	90.1	
	50%	91.7		90.8	91.0		90.3	
Efficiency (%)	75%	92.4	91.2		91.2		91.2	
	100%	93.0	91.2		91.2		91.2	
	25%	0.39		0.39	0.3		0.32	
	50%	0.65		0.65	0.6		0.56	
Power Factor	75%	0.76		0.76	0.0		0.70	
	100%	0.81		0.82	0.7		0.77	
		Drive end Non dr	rive end	Foundation I	oads	-	0.1.1	
Bearing type		: 6312 Z C3 6211 Z C3		C3 Max. traction				
Sealing			ithout	Max. compre	ession			
1 1 2 2 2 2 2			ing Seal					
Lubrication interv			000 h					
Lubricant amour	IT		: 21 g 11 g					
Lubricant type		: Mobil Polyrex E	=IVI					
Notes USABLE @208V	68.1A SF 1.	15 SFA 78.3A						
This revision repl must be eliminate (1) Looking the m	ed.	ncel the previous one, wh	hich				ts with sinusoidal stipulated in NEMA	
(2) Measured at 1	Im and with t weight subjec ocess.	e snatt end. olerance of +3dB(A). of to changes after		- DIG-1.				
Rev.		Changes Summary	,		Performed	Checked	Date	
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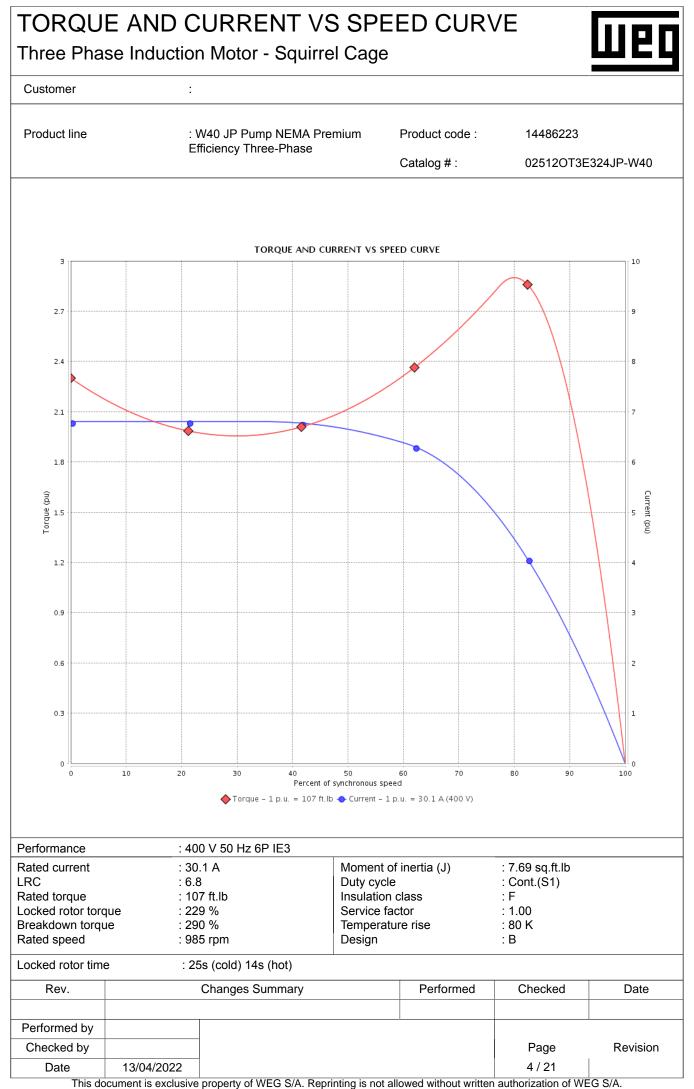
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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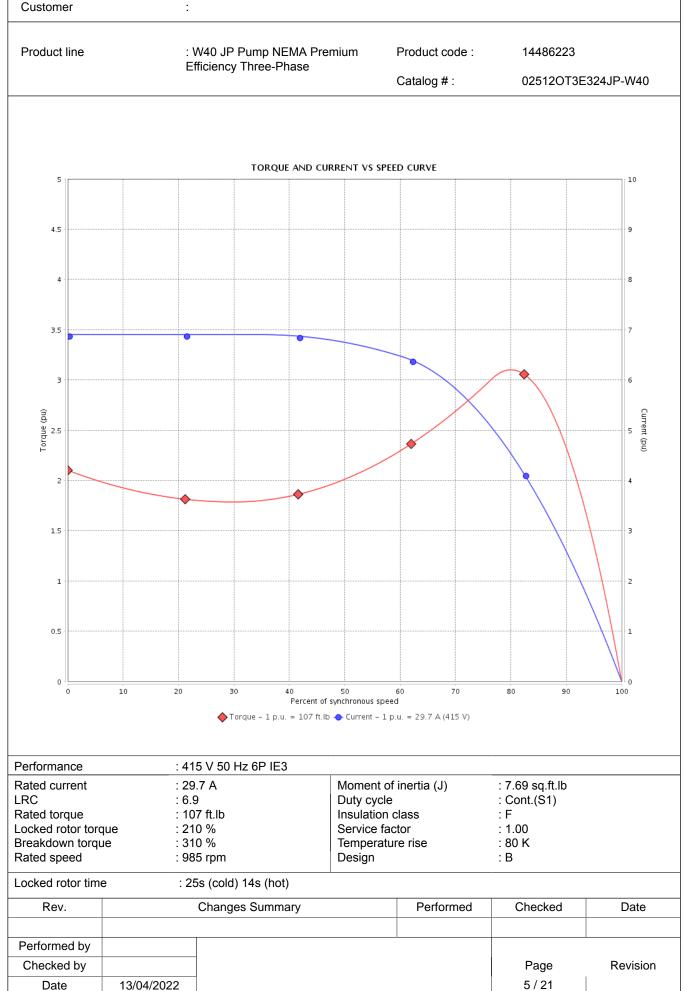


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TORQUE AND CURRENT VS SPEED CURVE

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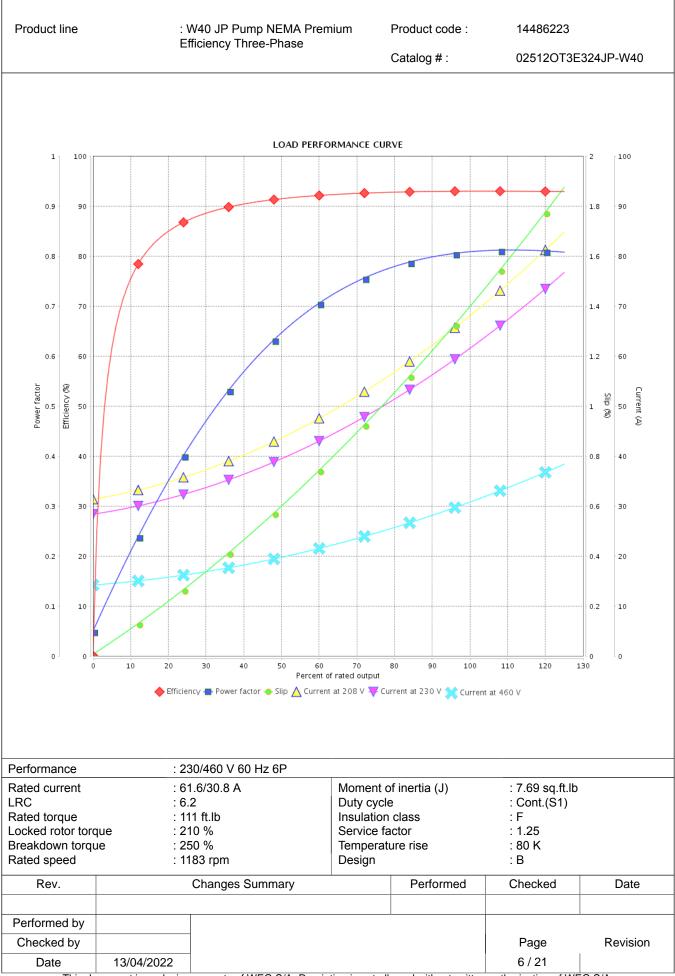
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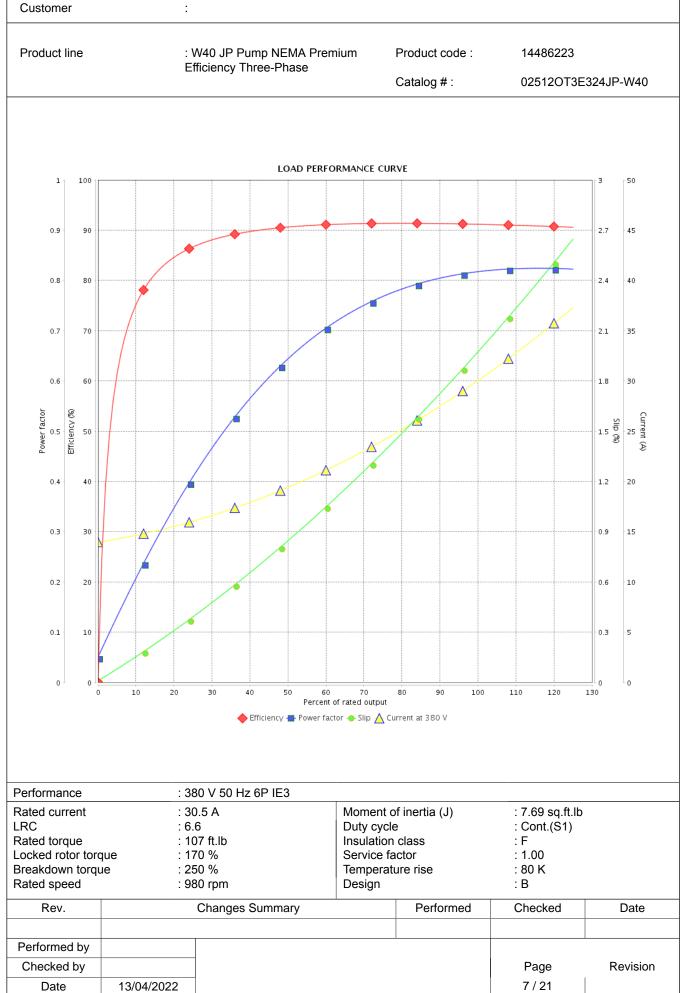


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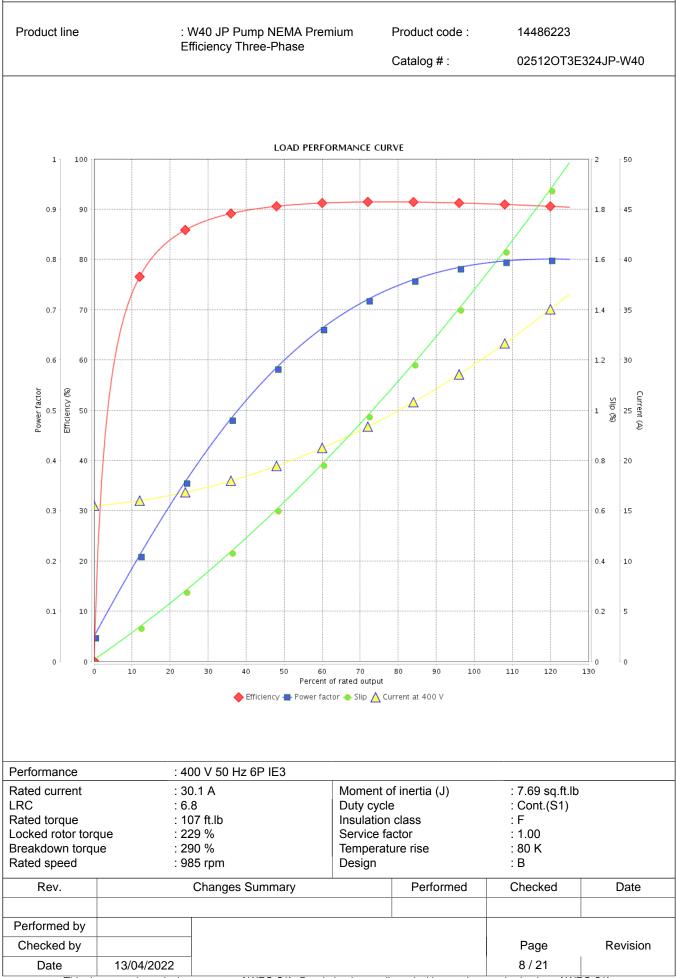
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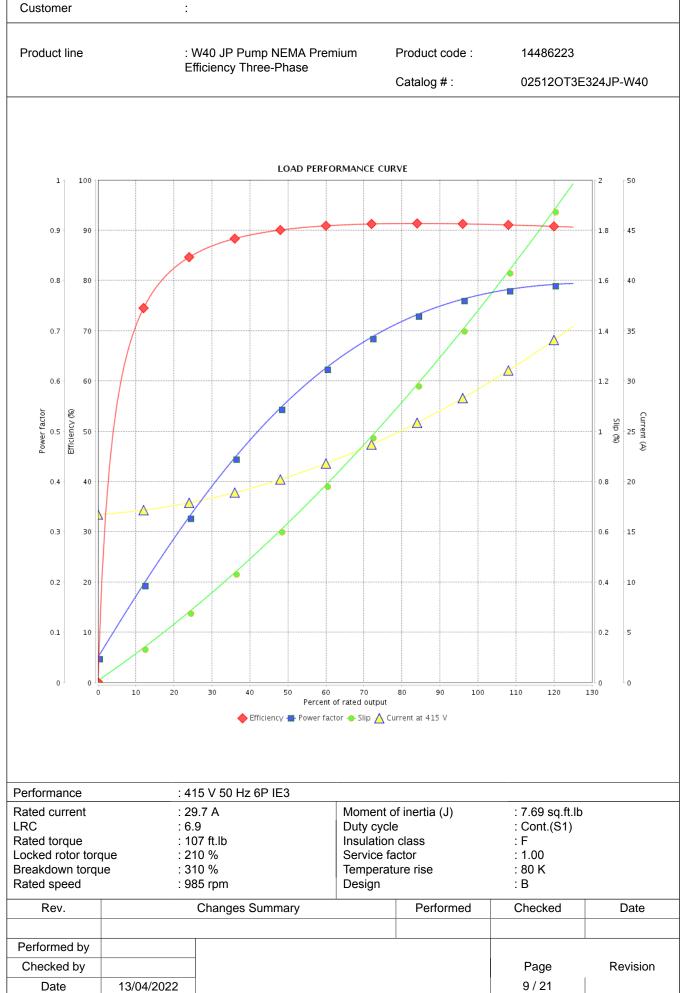


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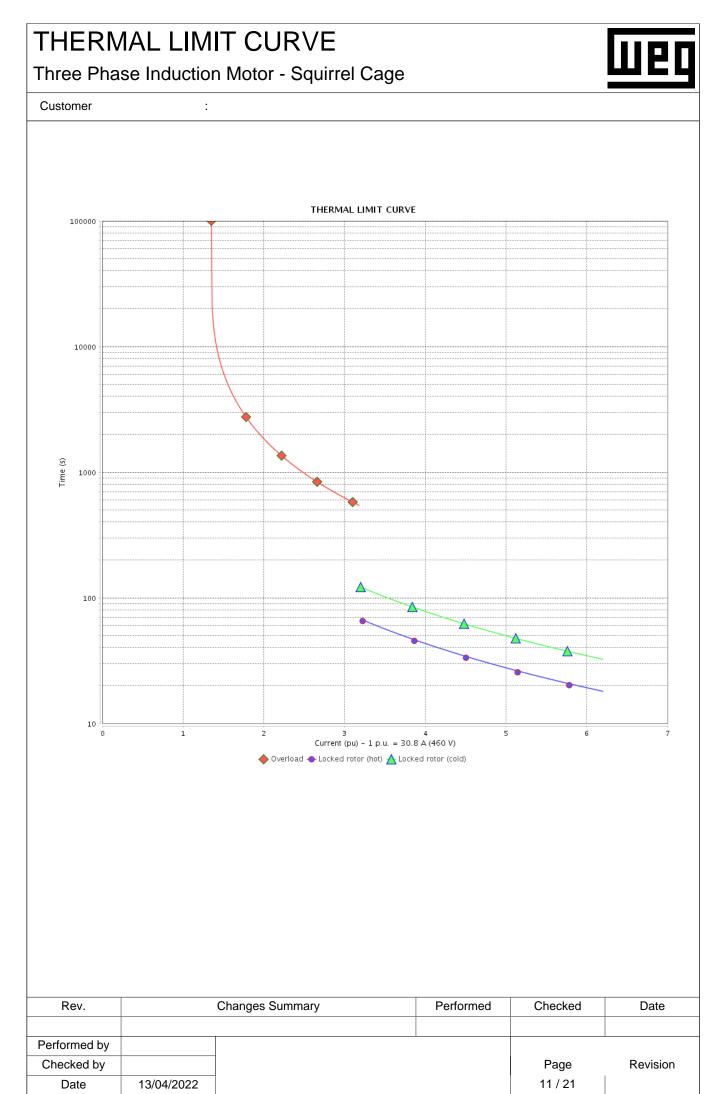
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14486223	
				Catalog # :	02512OT3E3	24JP-W40
Performance	: 23	30/460 V 60 Hz 6P				
Rated current		1.6/30.8 A		f inertia (J)	: 7.69 sq.ft.lb	
LRC		: 6.2 Duty		;	: Cont.(S1)	
		: 111 ft.lb Insulat : 210 % Service			: F : 1.25	
		: 250 % Tempera			: 80 K	
Rated speed	: 11	183 rpm	Design		: B	
Heating constant						
Cooling constant						
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Date	13/04/2022				10/21	



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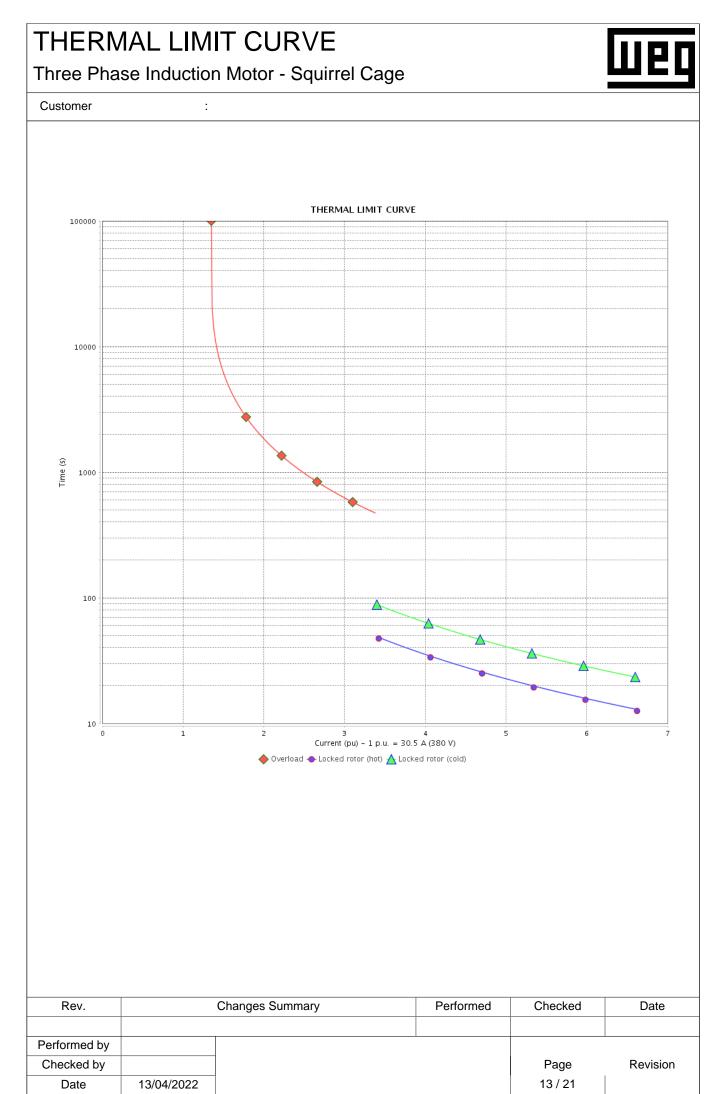
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Customer

Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14486223	
				Catalog # :	02512OT3E3	02512OT3E324JP-W40
Performance		80 V 50 Hz 6P IE3				
Rated current	: 3 : 6	0.5 A	Moment o	of inertia (J)	: 7.69 sq.ft.lb	
Rated torque :		.o 07 ft.lb	Duty cycle Insulation	e class	: Cont.(S1) : F	
		70 %	Service fa	ictor	: 1.00	
Breakdown torque :		: 250 % Tempera		ure rise	: 80 K	
Rated speed		80 rpm	Design		: B	
Heating constant						
Cooling constant						
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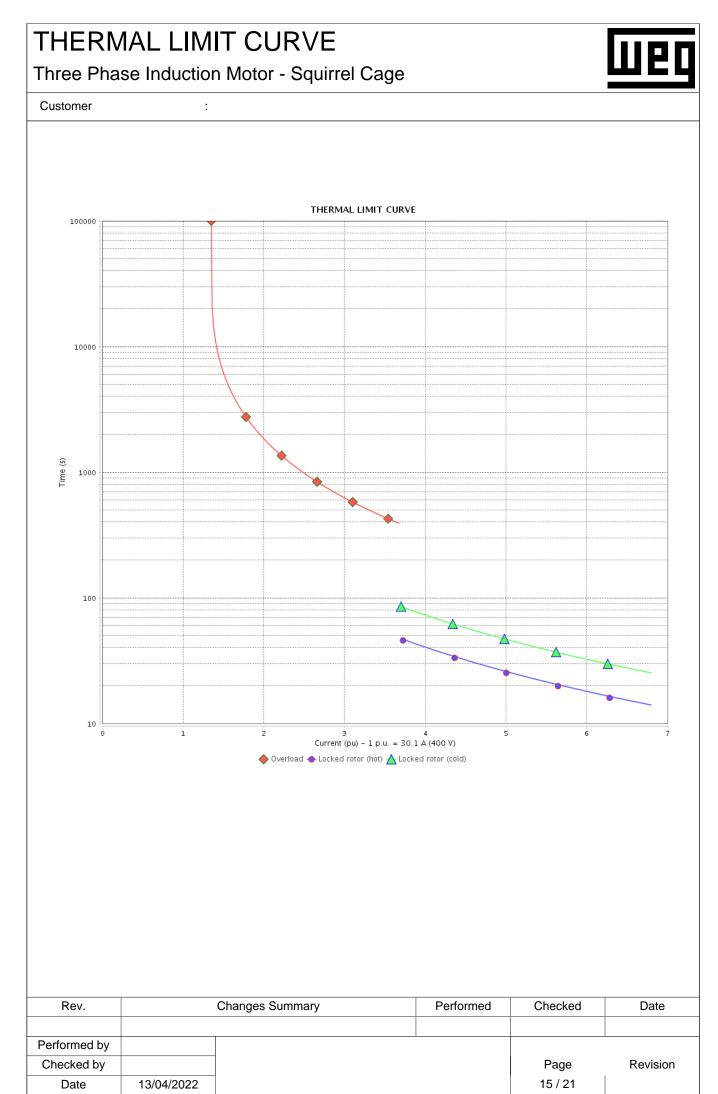
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Customer

Product line :		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14486223		
				Catalog # :	02512OT3E32	24JP-W40	
Performance	· 4	00 V 50 Hz 6P IE3					
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed	: 3 : 6 : 1 jue : 2 ie : 2	0.1 A	Moment of Duty cycle Insulation Service fa Temperat Design	class actor	: 7.69 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B		
Heating constant							
Cooling constant							
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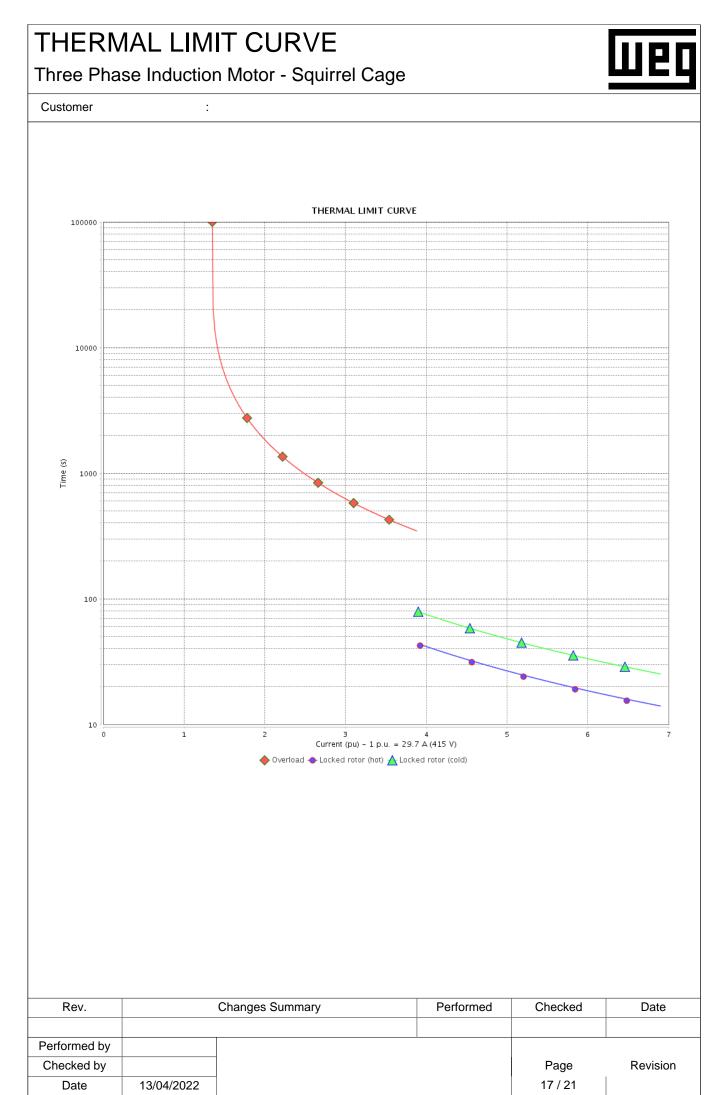
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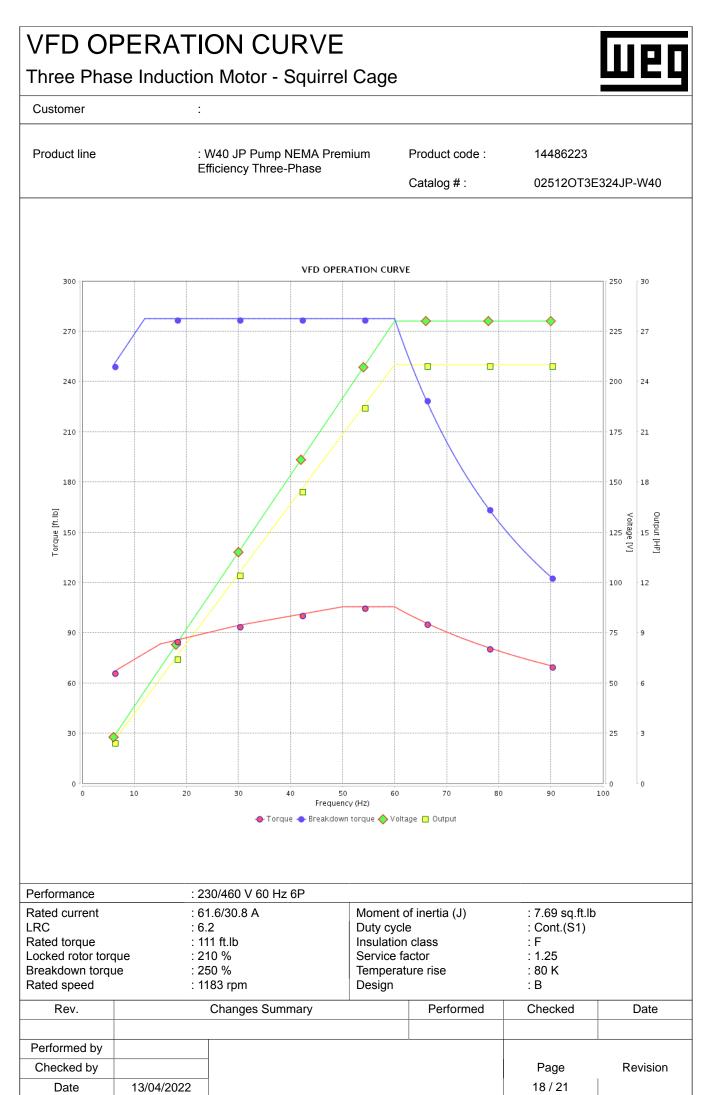


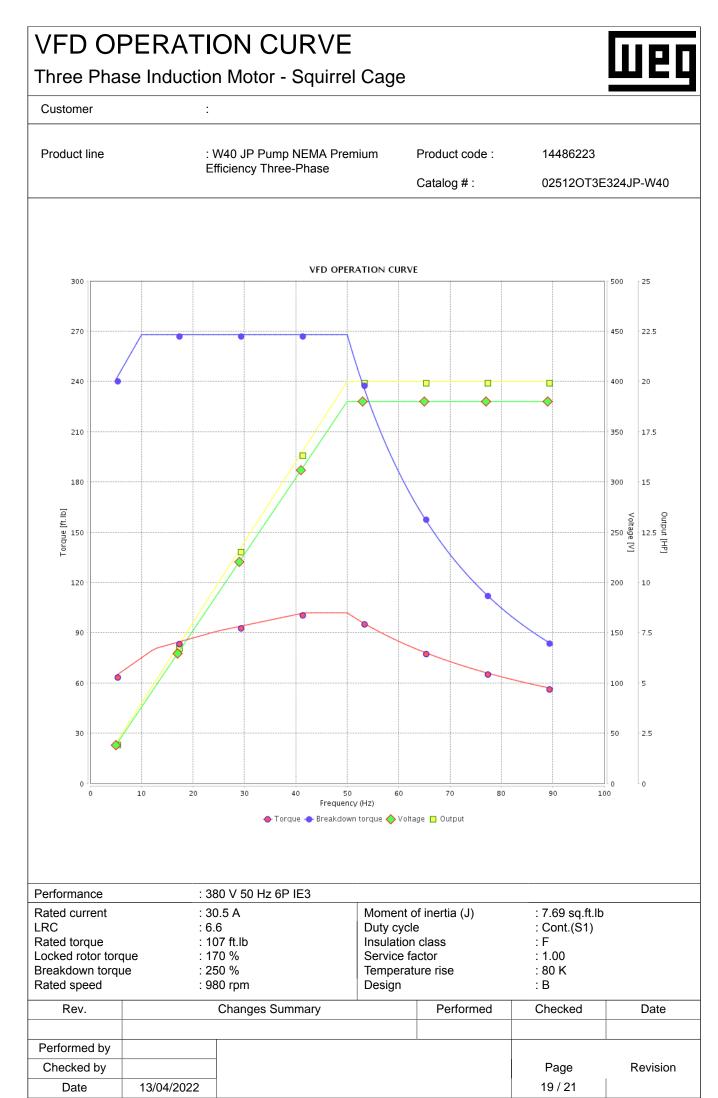
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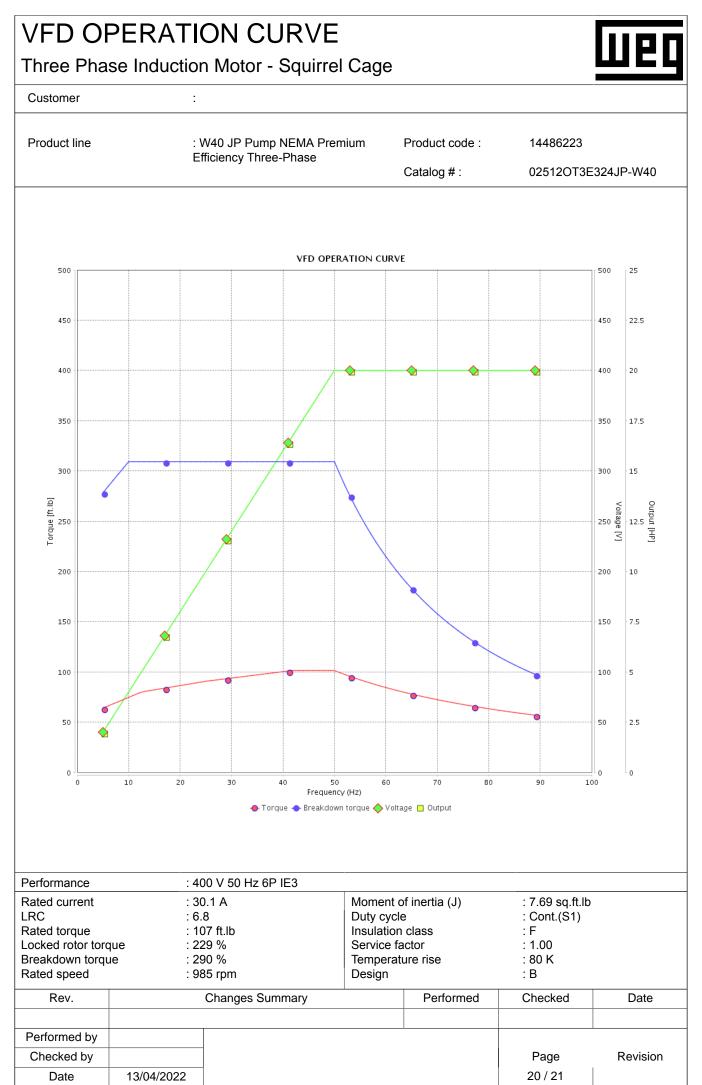
Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14486223	
				Catalog # :	02512OT3E3	02512OT3E324JP-W40
Performance	: 4	15 V 50 Hz 6P IE3				
Rated current		9.7 A	Moment c	of inertia (J)	: 7.69 sq.ft.lb	
LRC :		: 6.9 Duty cyc			: Cont.(S1)	
Rated torque: 107 ft.lbLocked rotor torque: 210 %			Insulation class Service factor		: F : 1.00	
Breakdown torque		10 %	Temperature rise		: 80 K	
Rated speed		85 rpm	Design		: B	
Heating constant						
Cooling constant						
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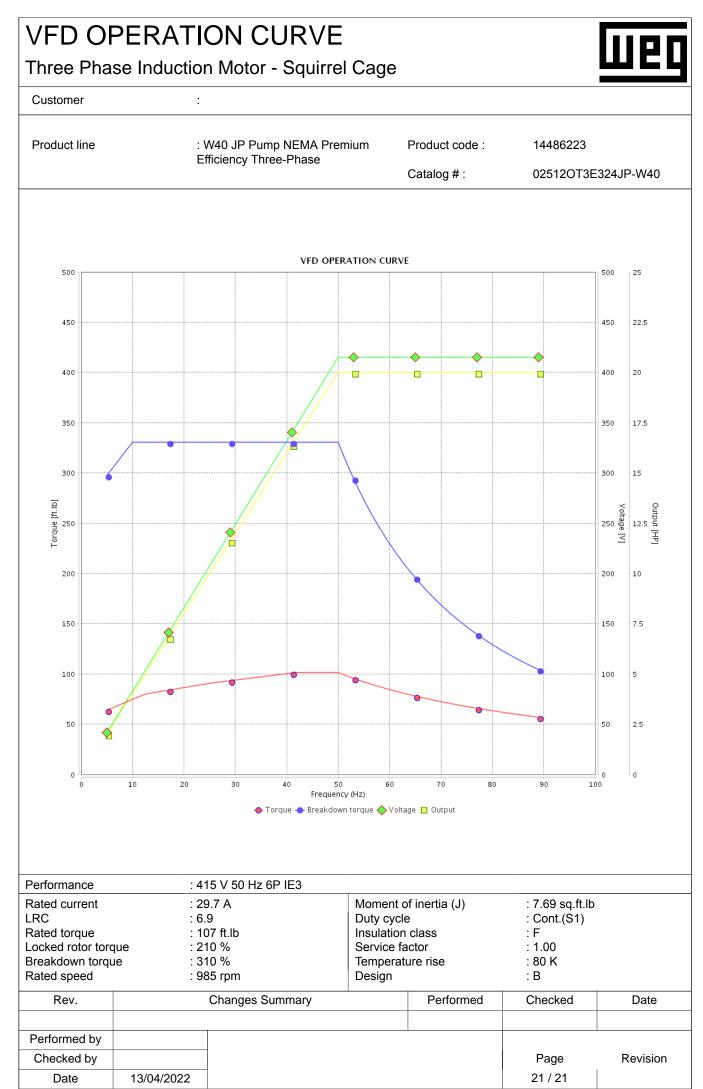
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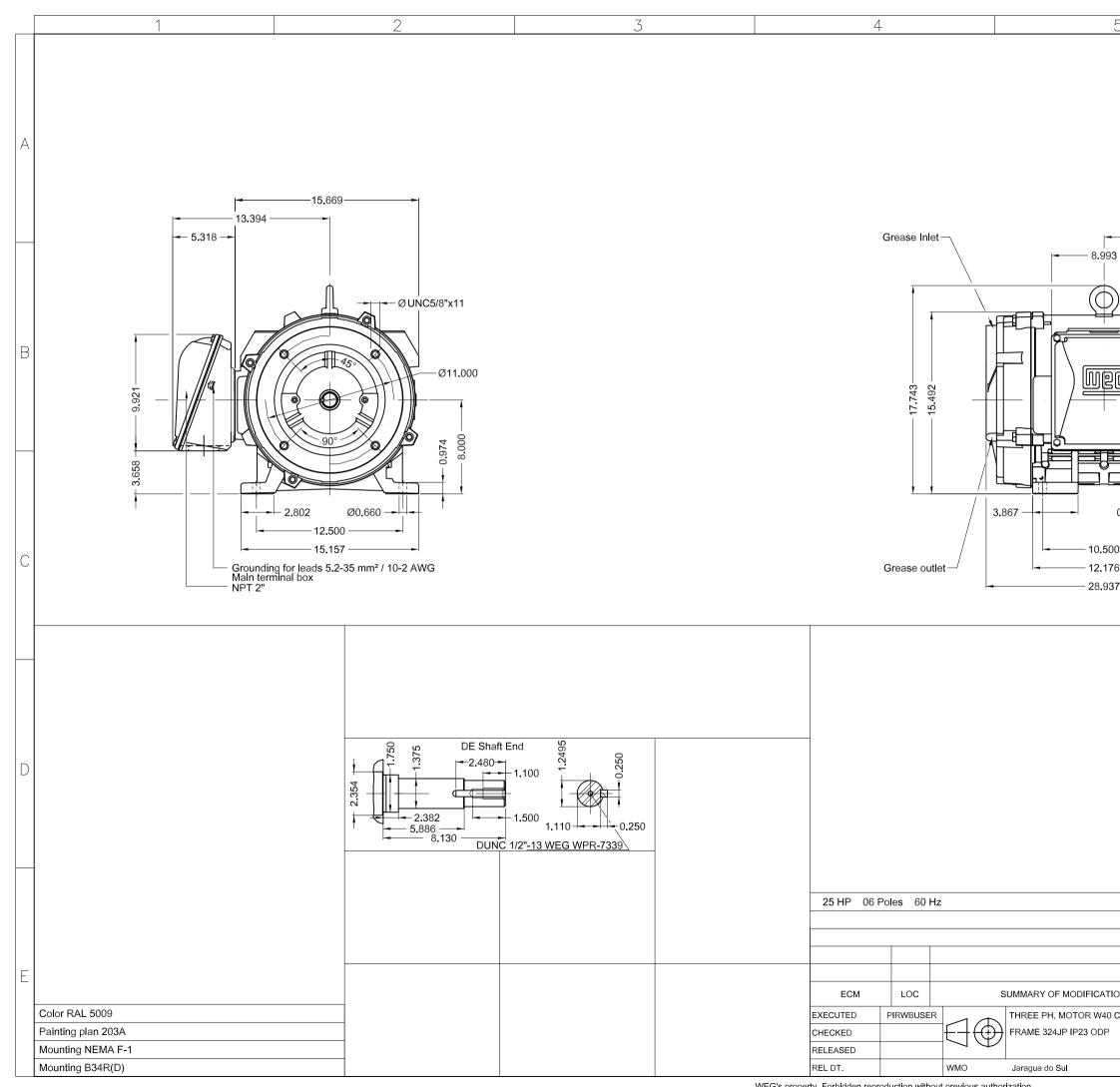












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