DATA SHEET

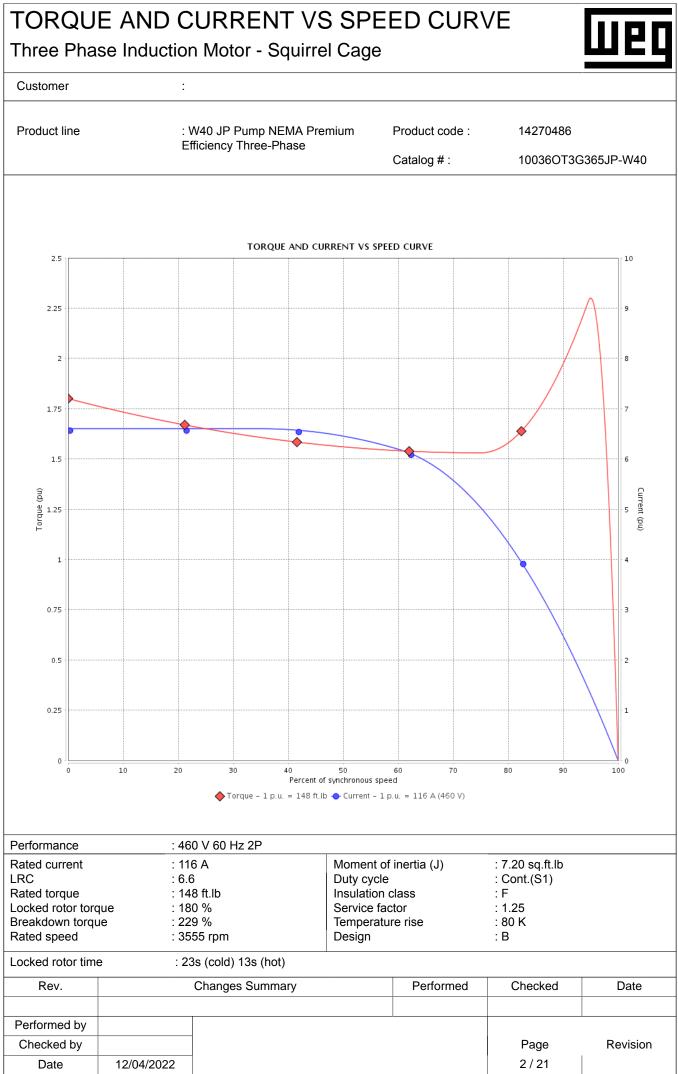
Three Phase Induction Motor - Squirrel Cage

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Customer

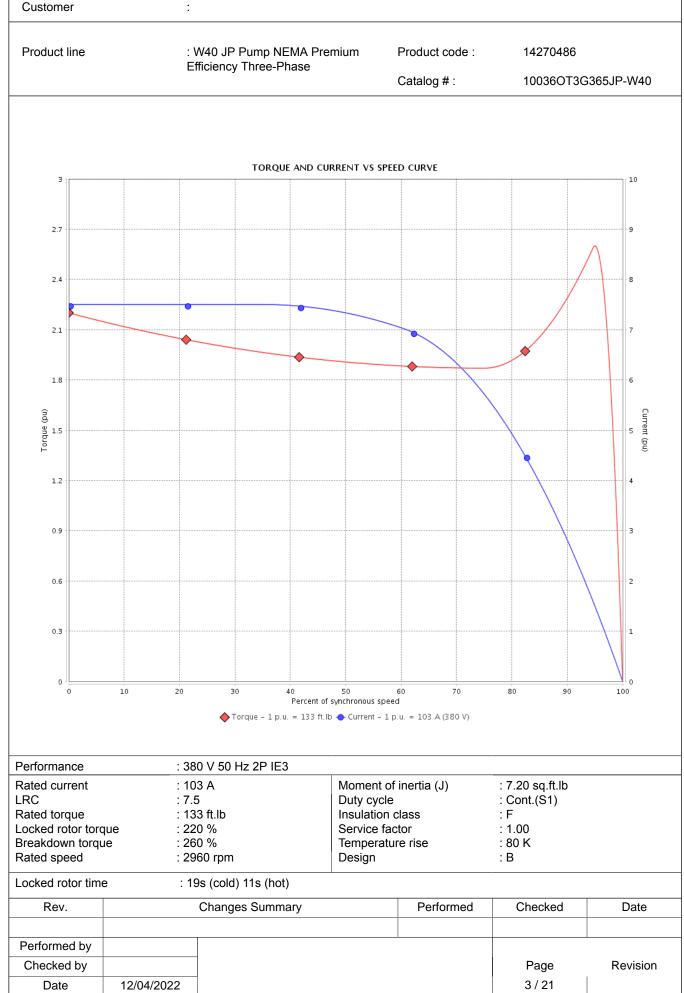
Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		um Prod	Product code :		14270486	
				Cata	llog # :	100360	DT3G365JP-W40	
Frame Insulation class Duty cycle Ambient tempera Altitude Protection degree		: 364/5JP : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23		Cooling meth Mounting Rotation ¹ Starting meth Approx. weig Moment of in	hod ght³		CW and CCW) On Line	
Design		: B						
Dutput [HP]		100		75	75		75	
Poles		2		2	2		2	
Frequency [Hz]		60		50	50		50	
Rated voltage [V]		460		380	400		415	
Rated current [A]		116		103	100		97.8	
. R. Amperes [A]		766		773 5x(Codo LI)	800		773	
RC [A]	1	6.6x(Code G)	1.5	5x(Code H)	8.0x(Co	,	7.9x(Code J)	
No load current [A		29.5		28.5	32.		35.0	
Rated speed [RPI	vij	3555		2960	296		2967	
Slip [%] Rated torque [ft.lb	1	1.25 148		1.33 133	1.20		1.10 133	
ocked rotor torqu				220				
Breakdown torqu		180 229		220	240		250 320	
Breakdown torque	5 [⁷⁰]	1.25		1.00	1.00		1.00	
Temperature rise		80 K		80 K	80 1		80 K	
_ocked rotor time		23s (cold) 13s (hot)	100 (2	cold) 11s (hot)	18s (cold)		19s (cold) 11s (hot	
Voise level ²		84.0 dB(A)	195 (0					
	25%	92.2		88.0	88.2	2	88.2	
	50%	92.4		90.2	90.3		90.3	
Efficiency (%)	75%	93.6		90.2	90.		92.0	
	100%	93.6		91.9	92.0		92.0	
	25%	0.55		0.53	0.4		0.47	
	25% 50%	0.55		0.53	0.4		0.47	
Power Factor	75%	0.84		0.74	0.0		0.80	
	100%	0.87		0.86	0.70		0.83	
Bearing type Sealing		Drive end Non dr : 6314 C3 621 : Without Wi	r <u>ive end</u> 2 Z C3 ithout	Foundation lo Max. traction Max. compre	bads	: 1075 lk : 1836 lk	0	
Lubrication inter Lubricant amour Lubricant type		: 14418 h 20	ing Seal 000 h I3 g EM					
Notes				1				
must be eliminate (1) Looking the m (2) Measured at	ed. notor from the 1m and with t weight subjec ocess.	ncel the previous one, wh e shaft end. tolerance of +3dB(A). ct to changes after	nich				ts with sinusoidal stipulated in NEMA	
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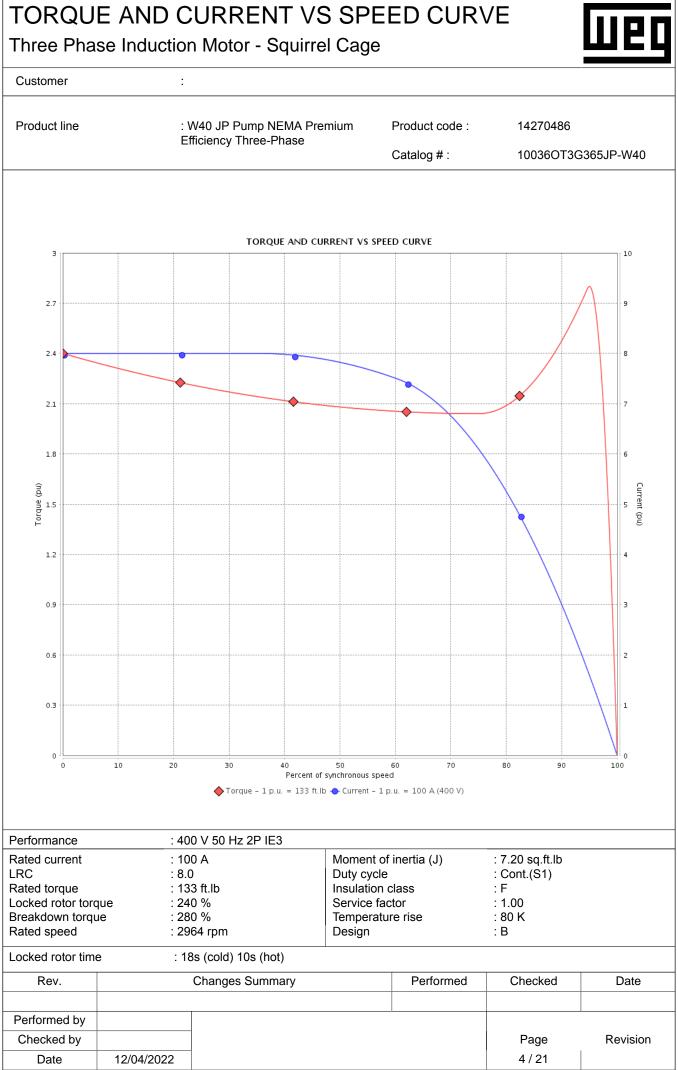
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

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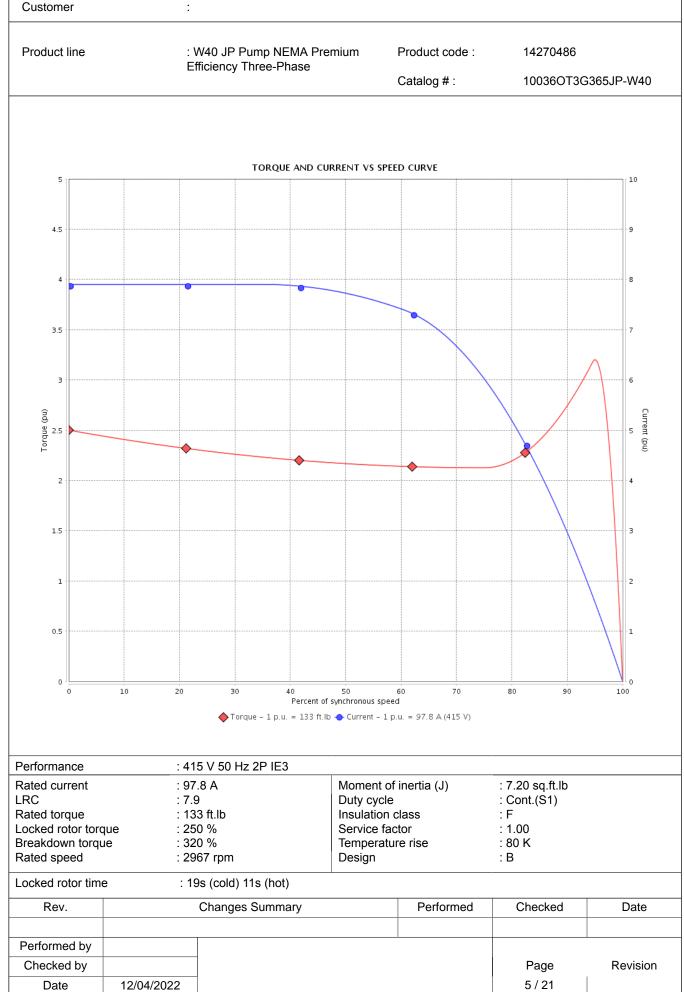


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TORQUE AND CURRENT VS SPEED CURVE

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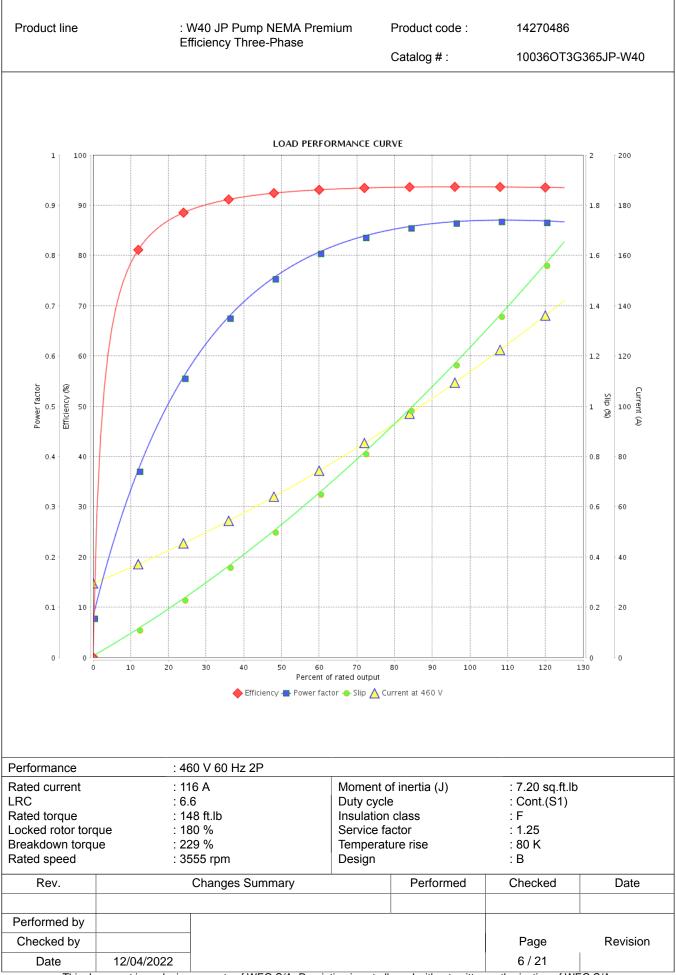
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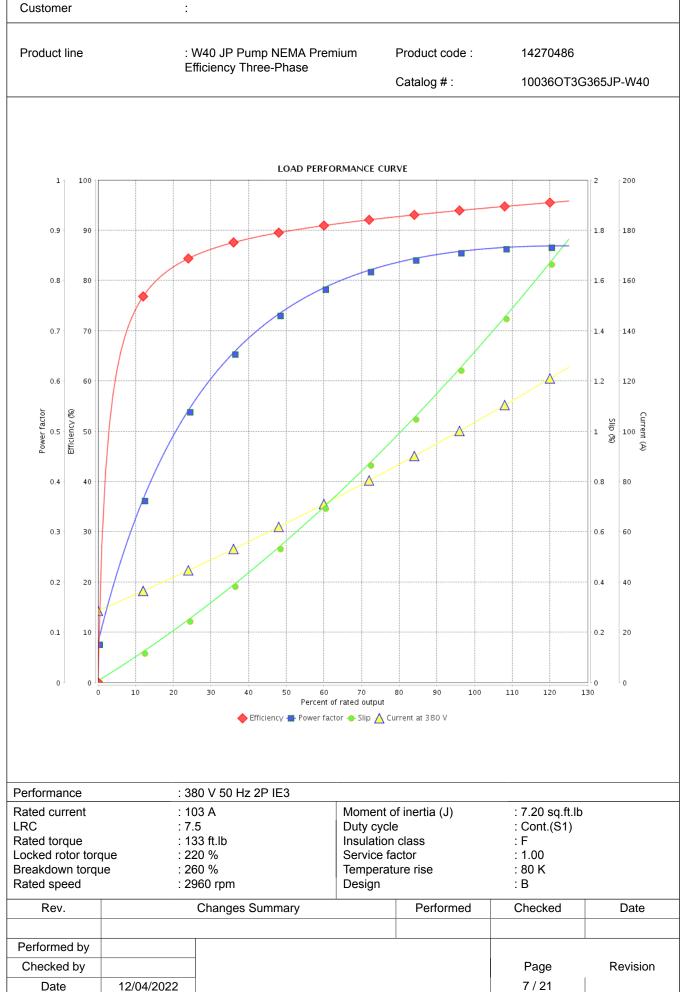


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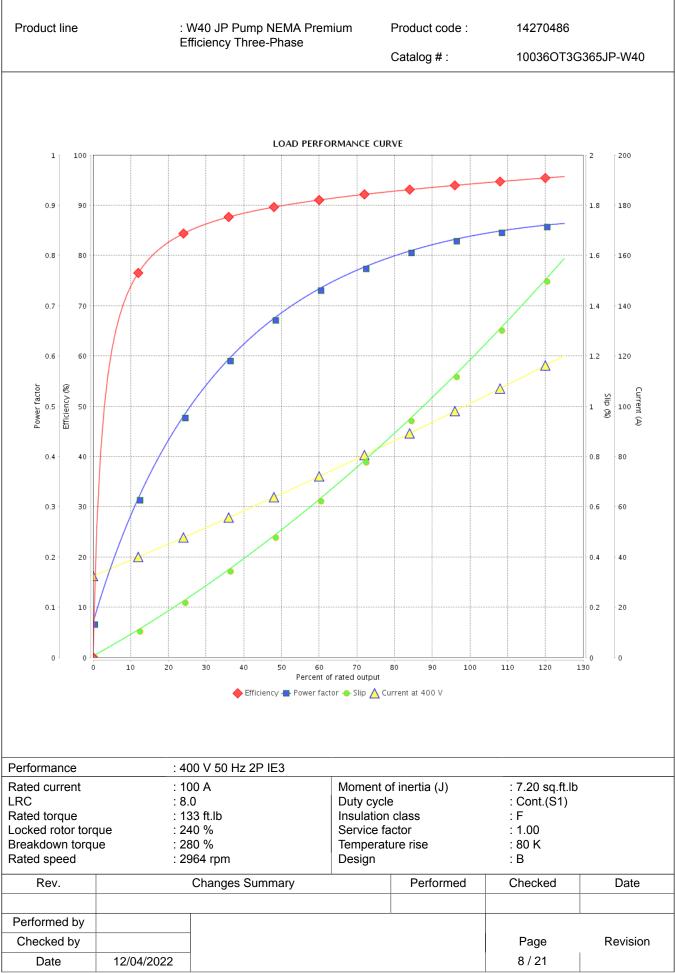
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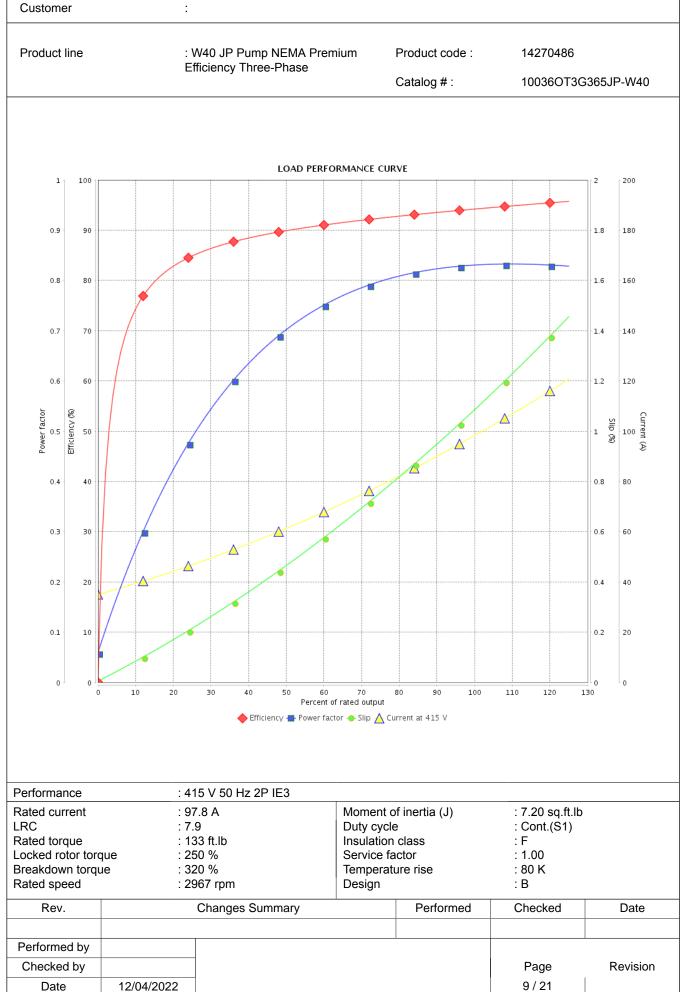


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THERMAL LIMIT CURVE

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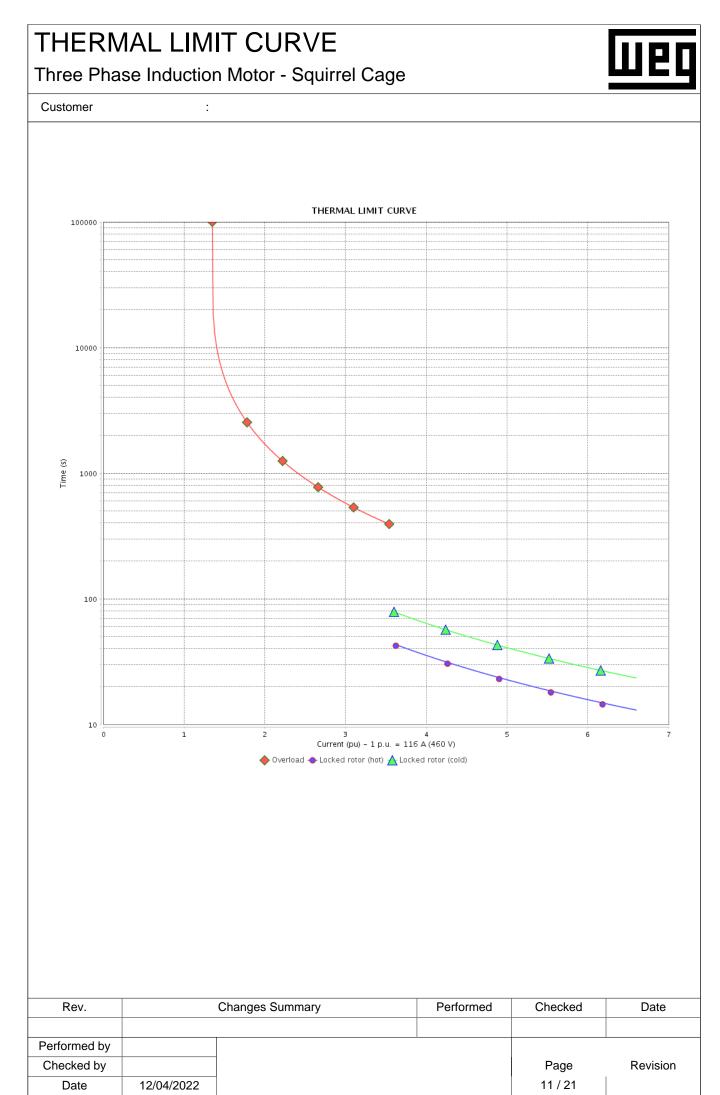
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Customer

Product line	duct line : W40 JP Pump NEMA Pre Efficiency Three-Phase			Product code : Catalog # :	14270486 10036OT3G3	65JP-W40
Performance Rated current		60 V 60 Hz 2P 16 A	Momont	of inortia (1)	: 7.20 sq.ft.lb	
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6 : 1 que : 1 ue : 2		Duty cycle Insulation Service fa Temperat Design	class actor	: 7.20 sq.1(.ib : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constan						
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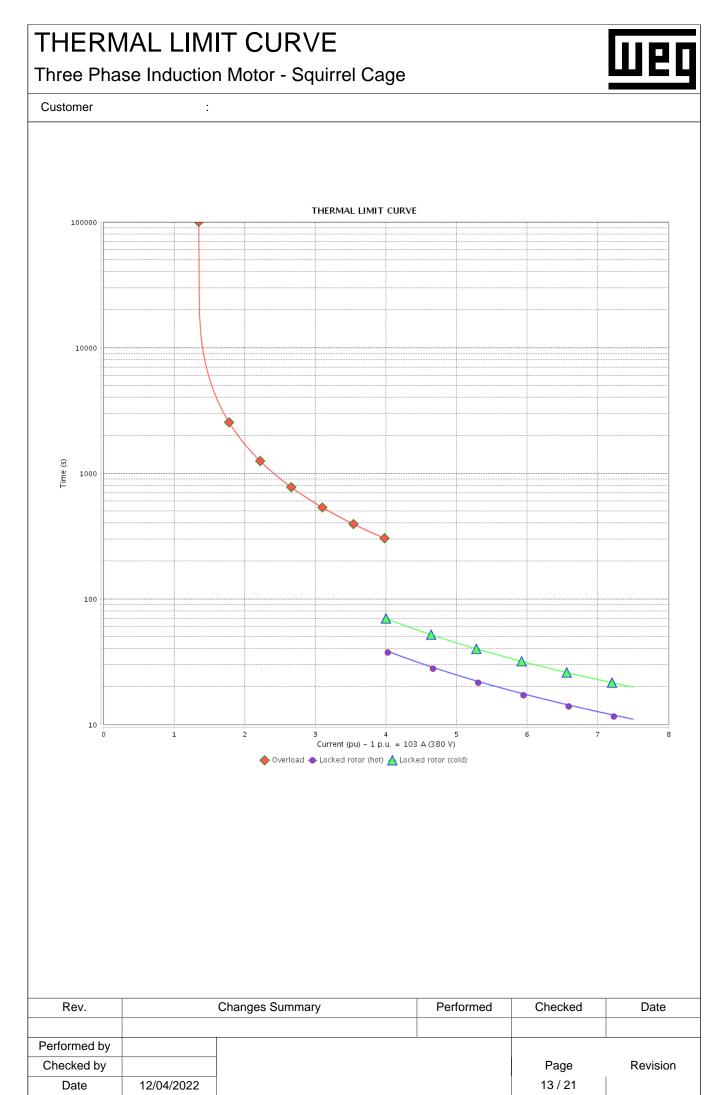
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Customer

Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14270486	
				Catalog # :	10036OT3G3	65JP-W40
Performance	• 3	80 V 50 Hz 2P IE3				
Rated current		03 A	Moment o	f inertia (J)	: 7.20 sq.ft.lb	
LRC	: 7	.5	Duty cycle	;	: Cont.(S1)	
Rated torque		33 ft.lb	Insulation class		: F : 1.00	
Locked rotor toro Breakdown torqu		20 % 60 %	Service factor Temperature rise		: 80 K	
Rated speed		960 rpm	Design		: B	
Heating constan	t					
Cooling constant	L	Changes Summers		Performed	Checked	Data
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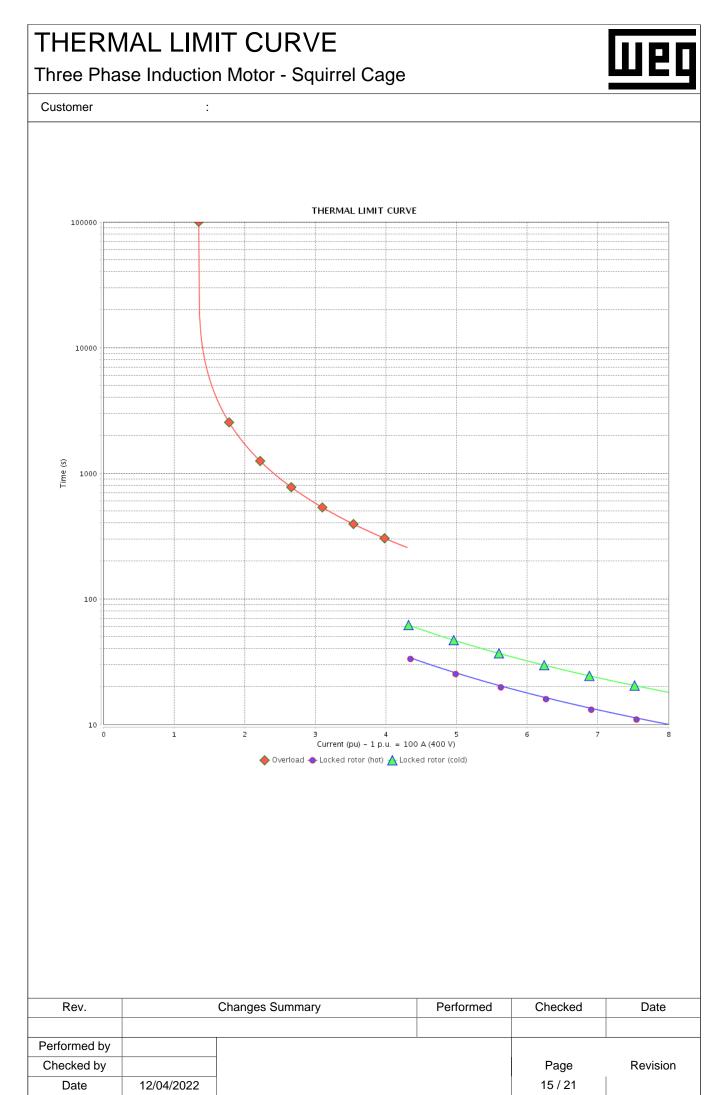
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Customer

Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code : Catalog # :	14270486 10036OT3G3	14270486 10036OT3G365JP-W40	
Performance	: 4	00 V 50 Hz 2P IE3					
LRC Rated torque Locked rotor torque Breakdown torque		: 100 A Moment : 8.0 Duty cyc : 133 ft.lb Insulation : 240 % Service : 280 % Temperation : 2964 rpm Design		class ctor	: 7.20 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B		
Heating constan							
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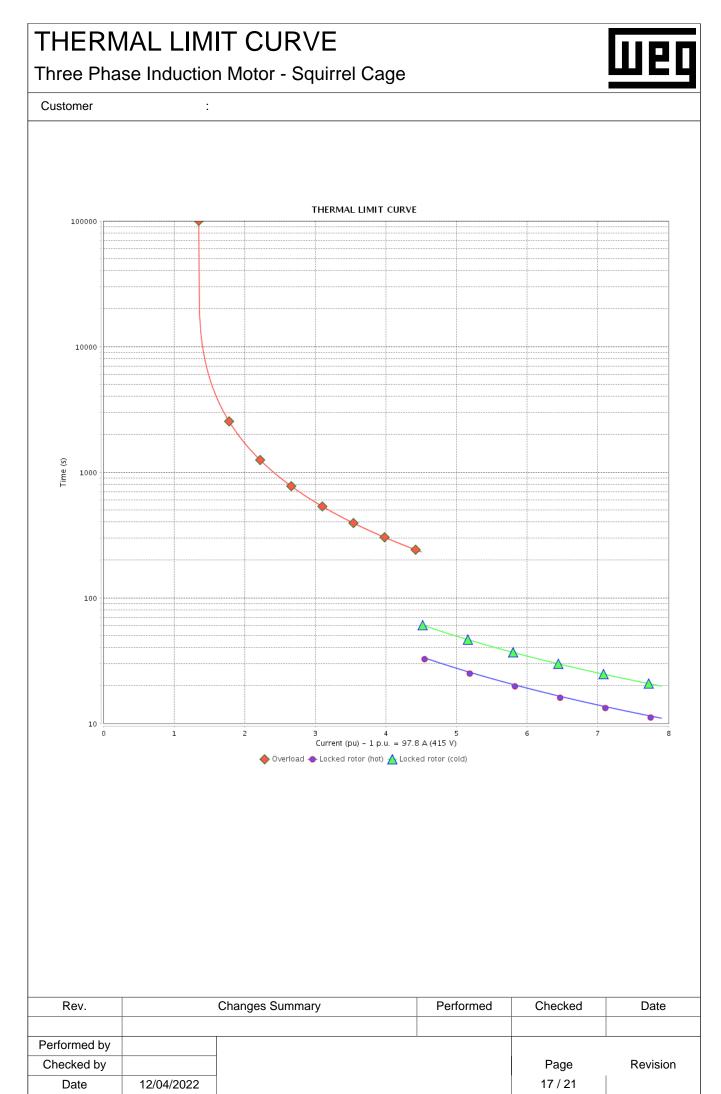
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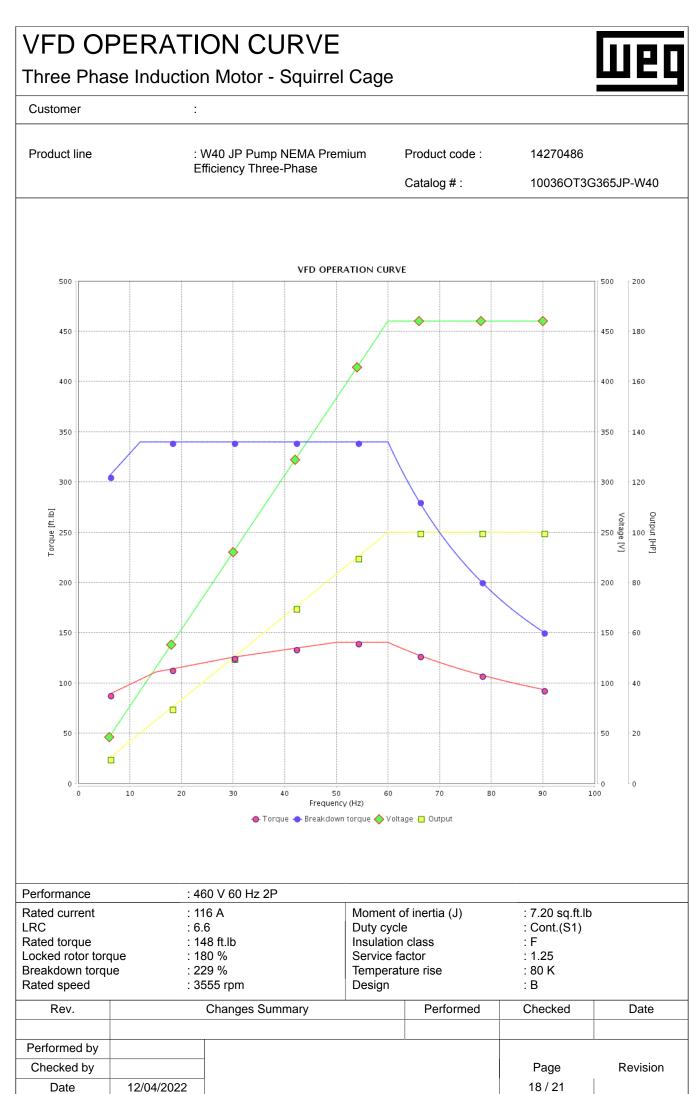


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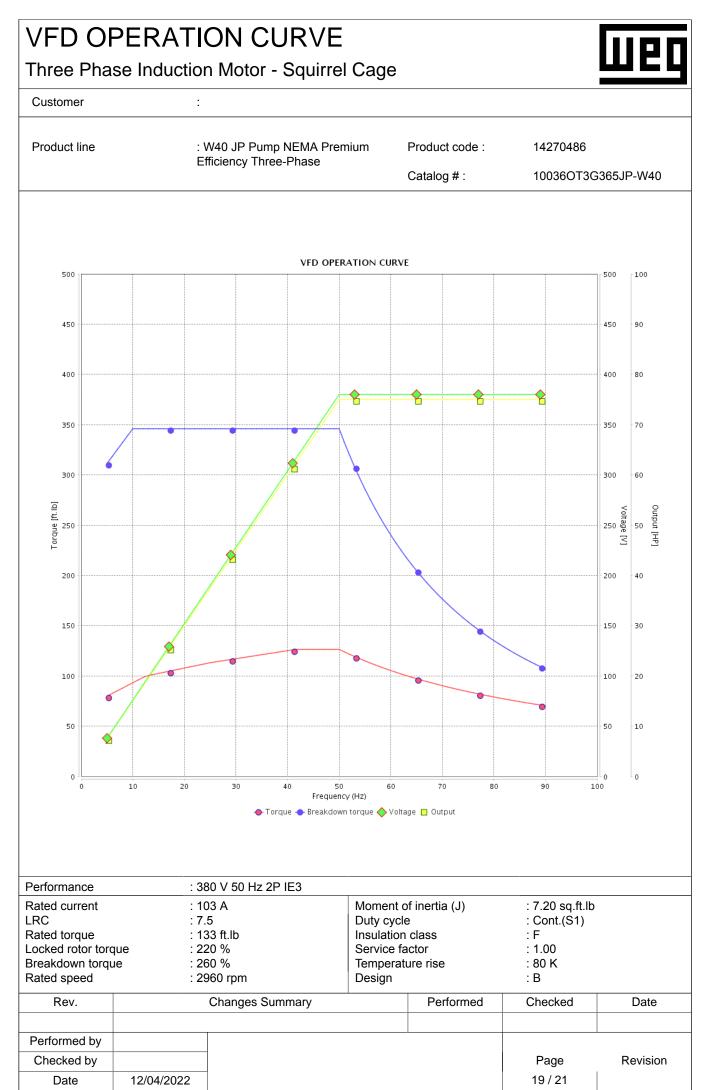
Product line		: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code : Catalog # :	14270486 10036OT3G3	14270486 10036OT3G365JP-W40	
Performance	: 4	15 V 50 Hz 2P IE3					
Rated current		7.8 A	Moment o	f inertia (J)	: 7.20 sq.ft.lb		
LRC	: 7	.9	Duty cycle	9	: Cont.(S1)		
		: 133 ft.lb Insula : 250 % Servic			: F : 1.00		
Locked rotor torque: 250 %Breakdown torque: 320 %			Temperati		: 80 K		
Rated speed		967 rpm	Design		: B		
Heating constant							
Cooling constant							
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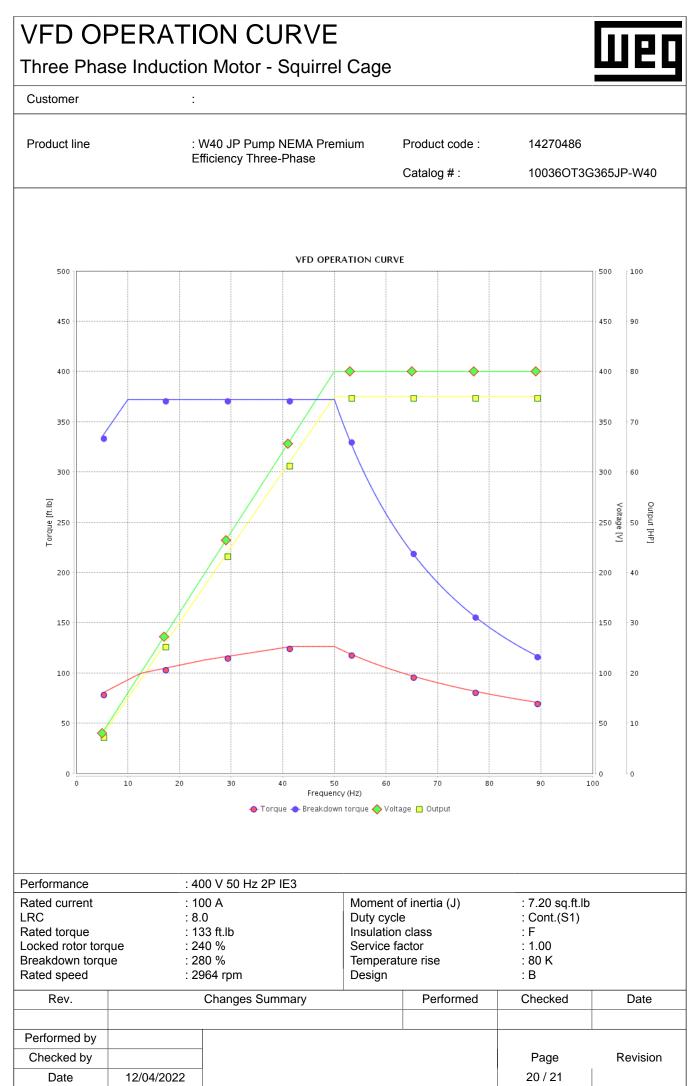
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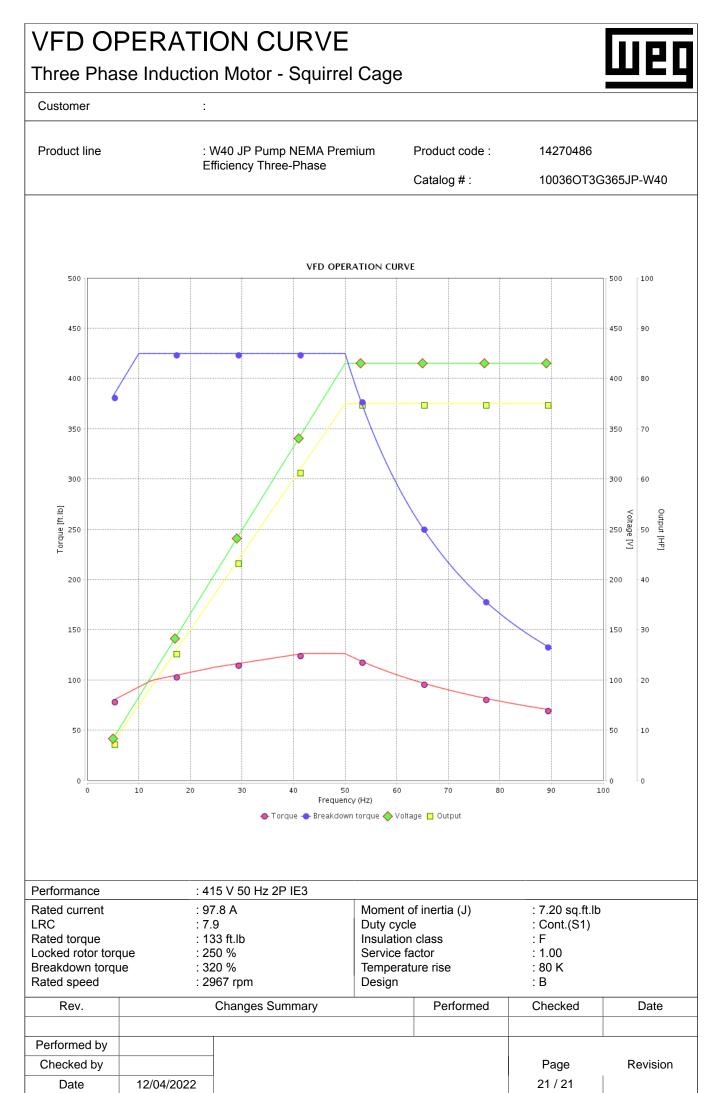


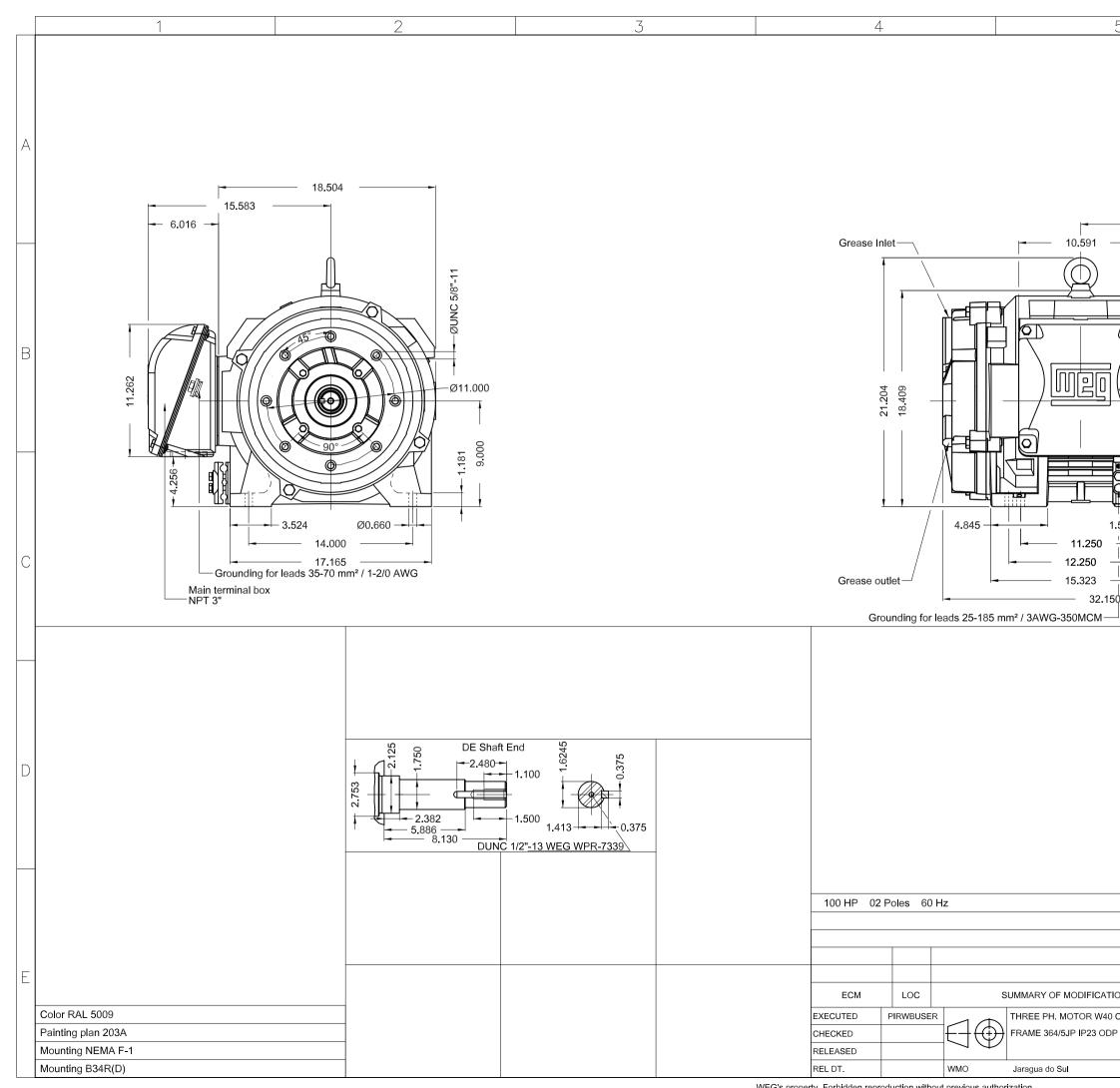


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