DATA SHEET

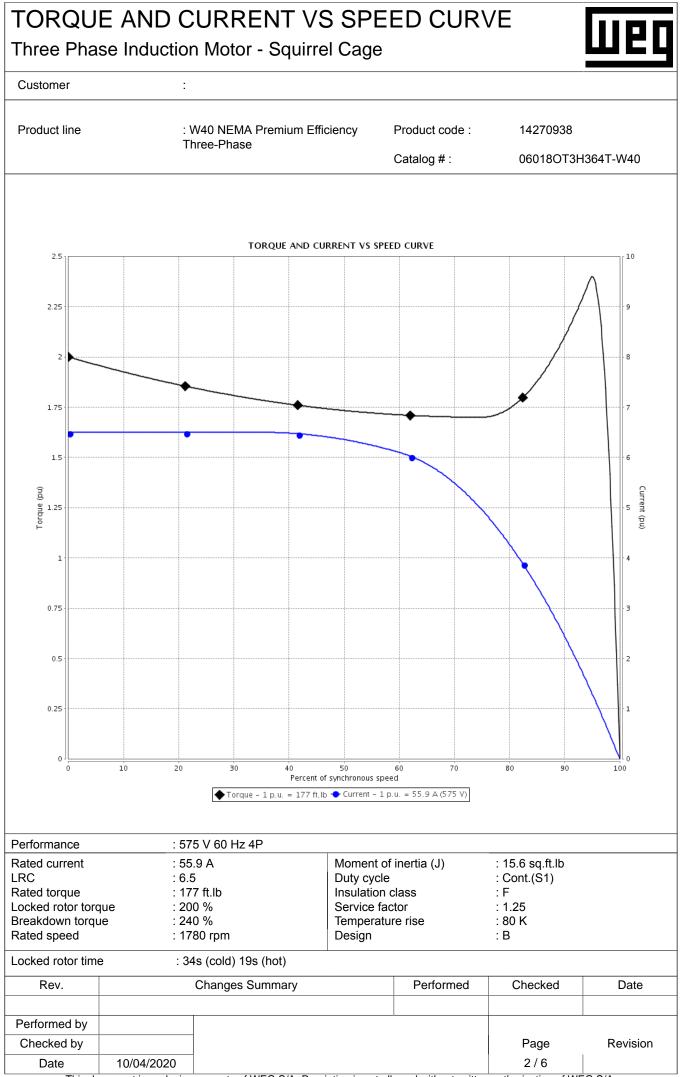
Three Phase Induction Motor - Squirrel Cage

:

Customer

Product line		: W40 NEMA Premium Efficie Three-Phase			14270938	
				Catalog # :	06018OT3H	1364T-W40
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torqu Insulation class Service factor Moment of inertia Design	e	: 364/5T : 60 HP (4 : 4 : 60 Hz : 575 V : 55.9 A : 363 A : 6.5x(Cod : 19.8 A : 1780 rpn : 1.11 % : 177 ft.lb : 200 % : 240 % : F : 1.25 : 15.6 sq.ft : B	le G) 1	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: 34s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 69.0 dB(A : Direct On : 742 lb	-40°C s.l. PP and CCW)
Dutput	50%	75%	100%	Foundation loads		
Efficiency (%)	94.5	95.0	95.0	Max. traction	: 1085 lb	
Power Factor	94.5 0.73	95.0 0.82	95.0 0.85	Max. compression	: 1827 lb	
Sealing Lubrication interv	al	: Wit :	hout Bearing Seal 20000 h	Without Bearing 20000 h	Seal	
Lubricant amount Lubricant type Notes		:	27 g	13 g bil Polyrex EM		
Lubricant type	aces and ca d. otor from th m and with veight subje ocess.	e shaft end. tolerance of +	27 g Mol ious one, which ⊦3dB(A).	13 g		
Lubricant type Notes This revision replanust be eliminated 1) Looking the mo 2) Measured at 1 3) Approximate with annufacturing pro-	aces and ca d. otor from th m and with veight subje ocess.	e shaft end. tolerance of + ct to changes	27 g Mol ious one, which ⊦3dB(A).	13 g pil Polyrex EM		
Lubricant type Notes This revision replanust be eliminated 1) Looking the mo 2) Measured at 1 3) Approximate with manufacturing pro 4) At 100% of full	aces and ca d. otor from th m and with veight subje ocess.	e shaft end. tolerance of + ct to changes	27 g Mol fous one, which +3dB(A). after	13 g pil Polyrex EM	ne tolerances stipu	lated in NEMA
Lubricant type Notes This revision replanust be eliminated 1) Looking the mo 2) Measured at 1 3) Approximate with anufacturing pro 4) At 100% of full	aces and ca d. otor from th m and with veight subje ocess.	e shaft end. tolerance of + ct to changes	27 g Mol fous one, which +3dB(A). after	13 g pil Polyrex EM	ne tolerances stipu	lated in NEMA

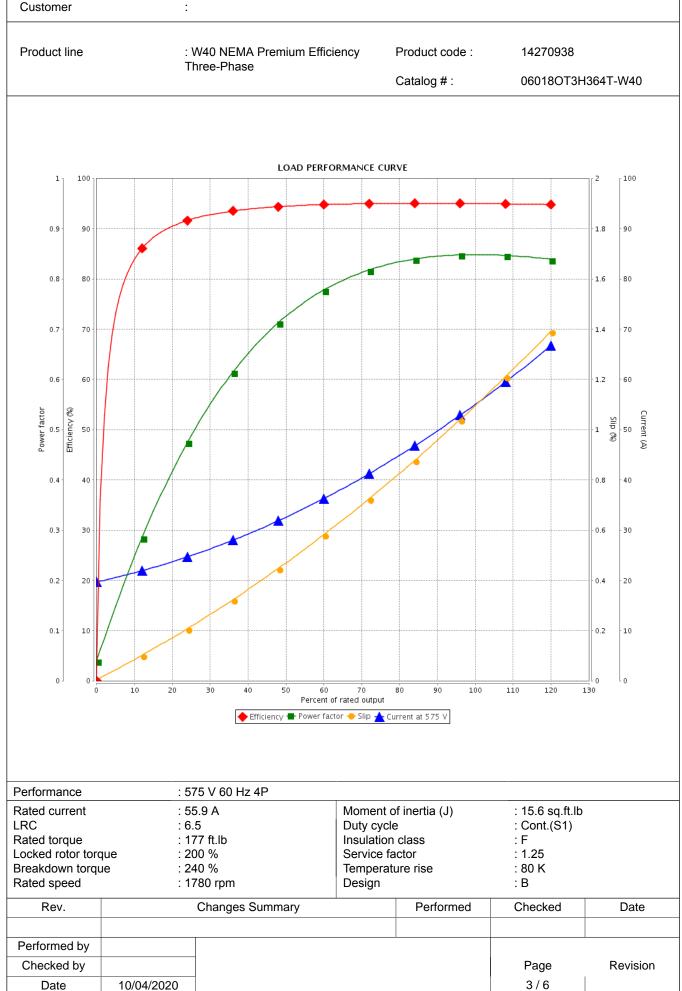
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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THERMAL LIMIT CURVE

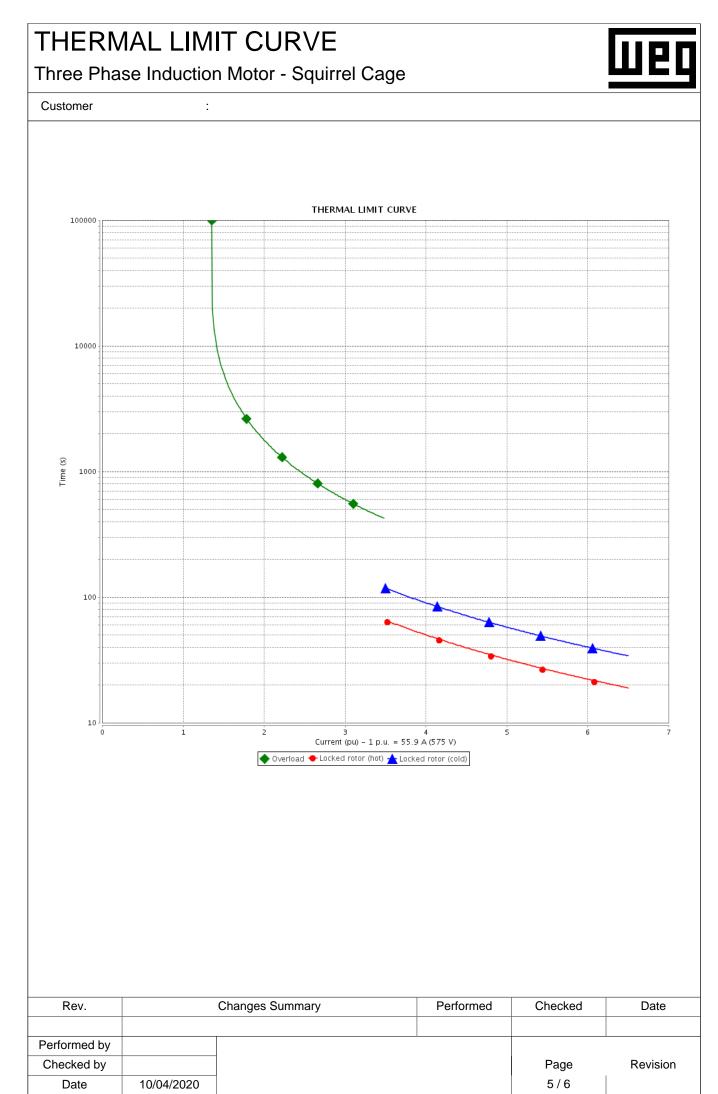
Three Phase Induction Motor - Squirrel Cage

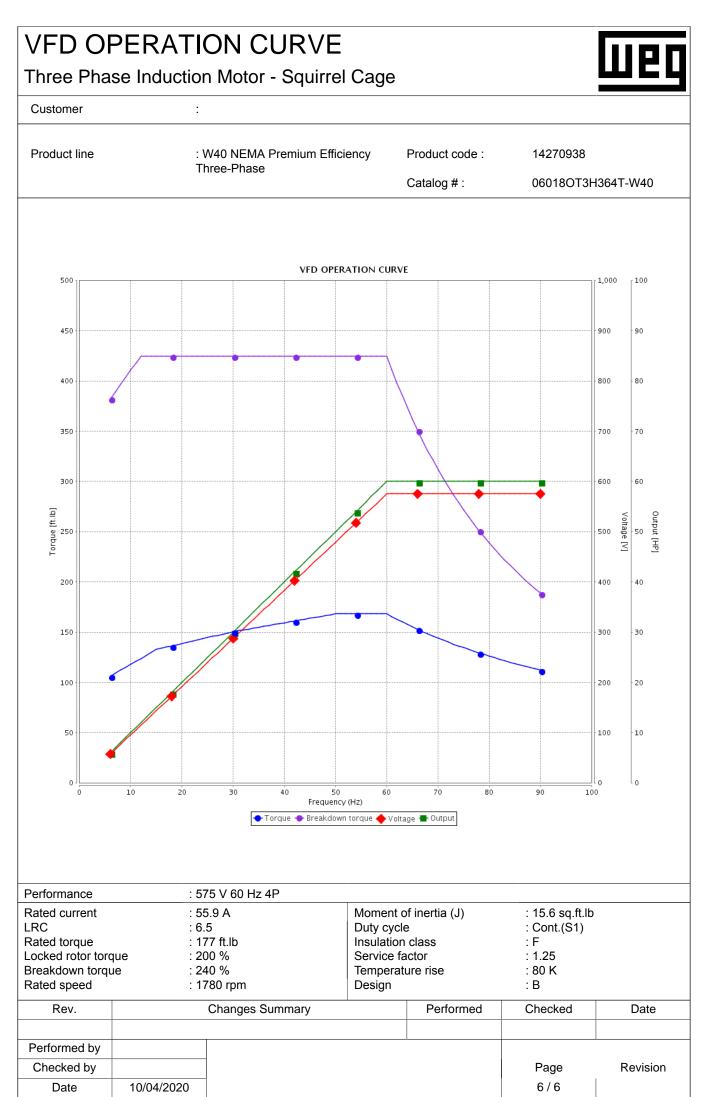
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Customer

Product line	:	: W40 NEMA Premium Efficiency Three-Phase		Product code :	14270938	14270938 06018OT3H364T-W40	
				Catalog # :			
					0001001010	J-1-040	
Performance	: 5	575 V 60 Hz 4P					
Rated current		55.9 A	Moment o	of inertia (J)	: 15.6 sq.ft.lb		
LRC Rated torque		6.5 177 ft.lb	Duty cycle Insulation	elass	: Cont.(S1) : F		
Locked rotor torque : 200 %			Service factor		: 1.25		
Breakdown torque : 240 %			Temperature rise		: 80 K		
Rated speed	: 1	1780 rpm	Design		: B		
Heating constant							
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
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Performed by		_			5	D	
Checked by	10/0//2222	_			Page	Revision	
Date	10/04/2020				4 / 6		





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