## DATA SHEET

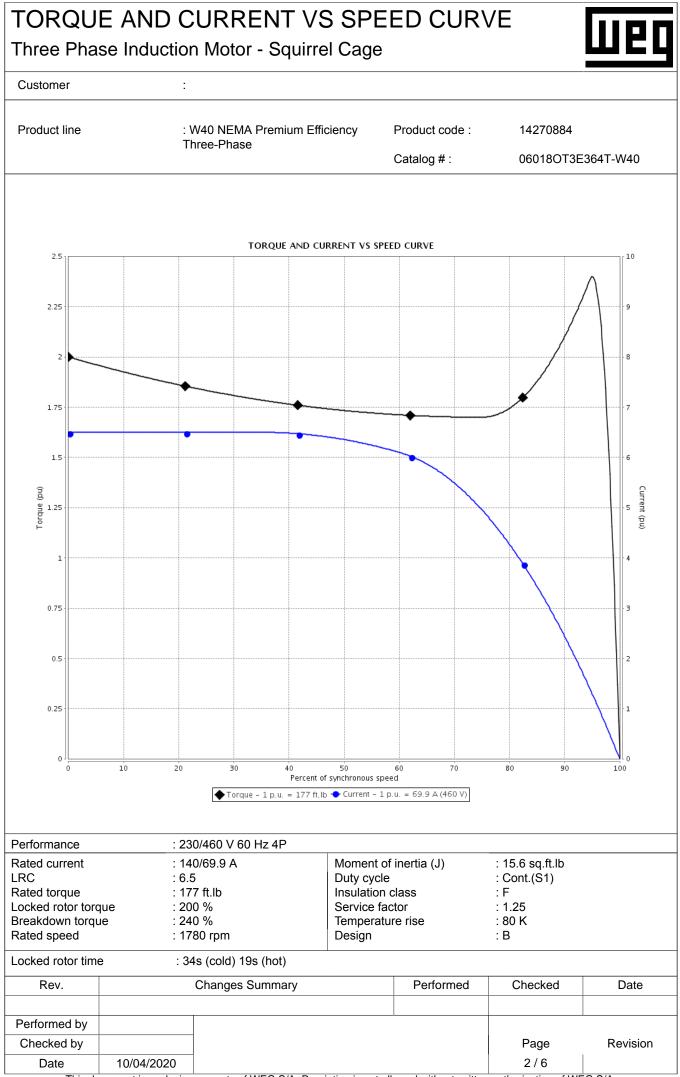
Three Phase Induction Motor - Squirrel Cage

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Product line Frame Output Poles Frequency Rated voltage 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 (J) Design		: W40 NEMA Premium Efficie Three-Phase : 364/5T : 60 HP (45 kW) : 4 : 60 Hz : 230/460 V : 140/69.9 A : 909/454 A : 6.5x(Code G) : 49.4/24.7 A : 1780 rpm : 1.11 % : 177 ft.lb : 200 % : 240 % : F : 1.25 : 15.6 sq.ft.lb : B			ncy Product code : Catalog # :		14270884 06018OT3E364T-W40 : 34s (cold) 19s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : IC01 - ODP : F-1 : Both (CW and CCW) : 69.0 dB(A) : Direct On Line : 745 lb	
					Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>	: 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		
Output	25%	50%	75%	100%	Foundation loads			
Efficiency (%) Power Factor	94.4 0.48	94.5 0.73	95.0 0.82	95.0 0.85	Max. traction Max. compression	: 1263 lb : 2009 lb		
Lubrication inter		:		0000 h	20000	h		
Lubricant type Notes USABLE @208V		: 1.15 SFA <sup>-</sup>		27 g Mol	13 g bil Polyrex EM			
Lubricant type Notes	/ 155A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc	178A previous c end. e of +3dB(	one, which A).				
Lubricant type Notes USABLE @208V This revision rep must be eliminati (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	/ 155A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc oject to cha	178A previous c end. e of +3dB(	one, which A).	These are average valu power supply, subject to			
Lubricant type Notes USABLE @208V This revision rep must be eliminat (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	/ 155A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc oject to cha	178A previous c end. e of +3dB( inges after	one, which A).	These are average valu power supply, subject to MG-1.	o the tolerances stipu	lated in NEMA	
Lubricant type Notes USABLE @208V This revision rep must be eliminati (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	/ 155A SF laces and o ed. notor from 1m and wit weight sub rocess.	cancel the the shaft e th toleranc oject to cha	178A previous c end. e of +3dB( inges after	one, which A).	These are average valu power supply, subject to MG-1.	o the tolerances stipu	lated in NEMA	

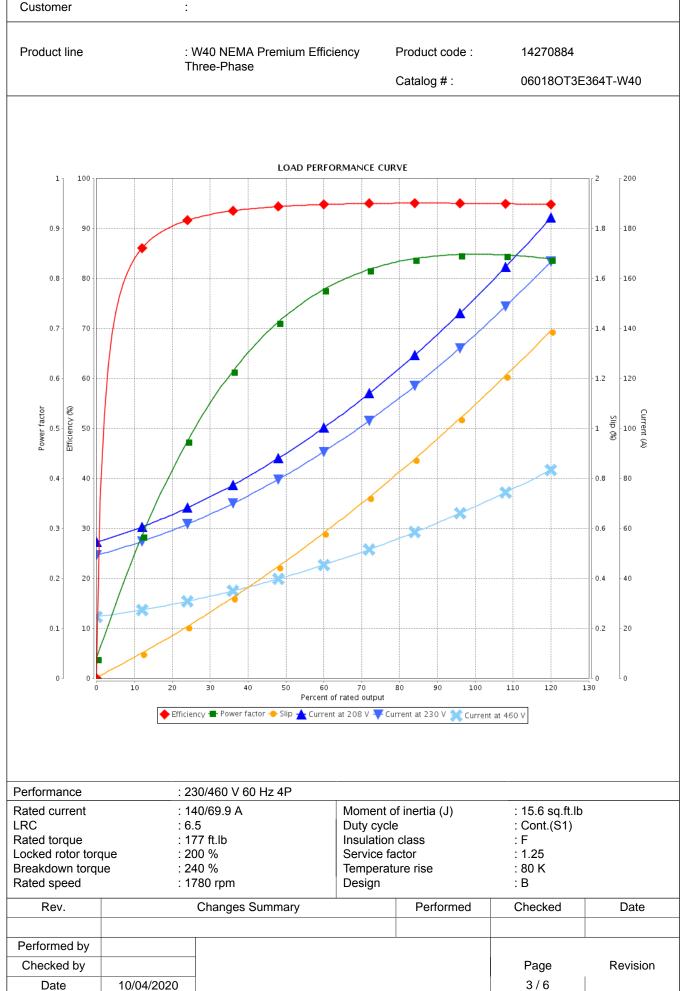
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



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## THERMAL LIMIT CURVE

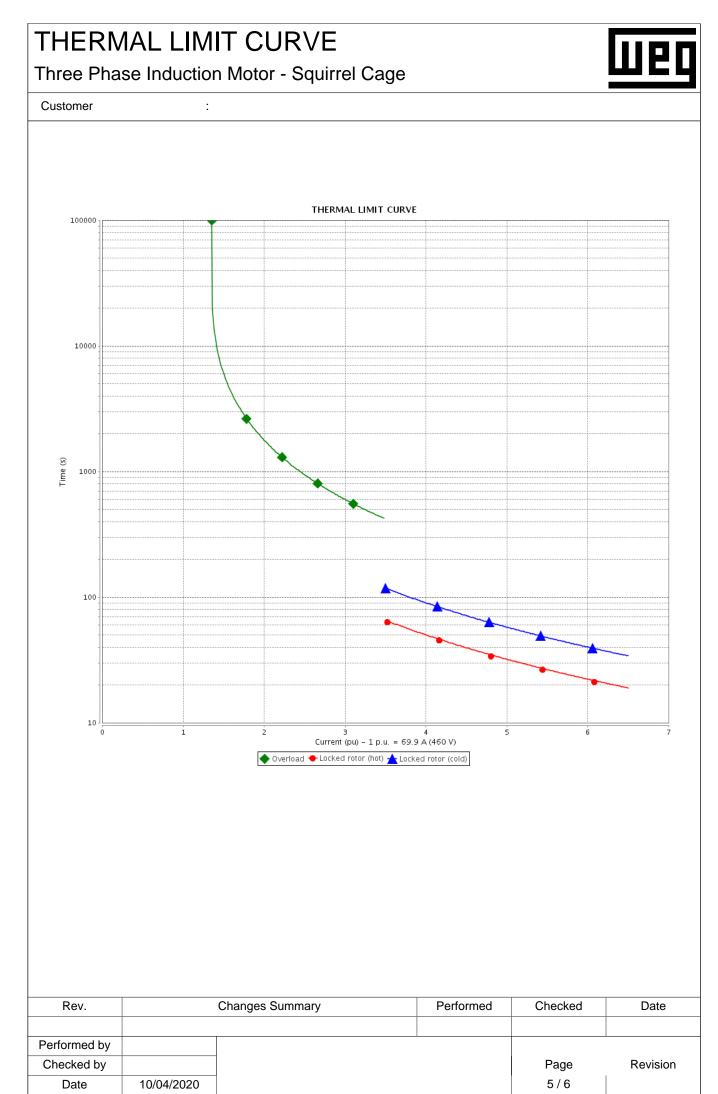
Three Phase Induction Motor - Squirrel Cage

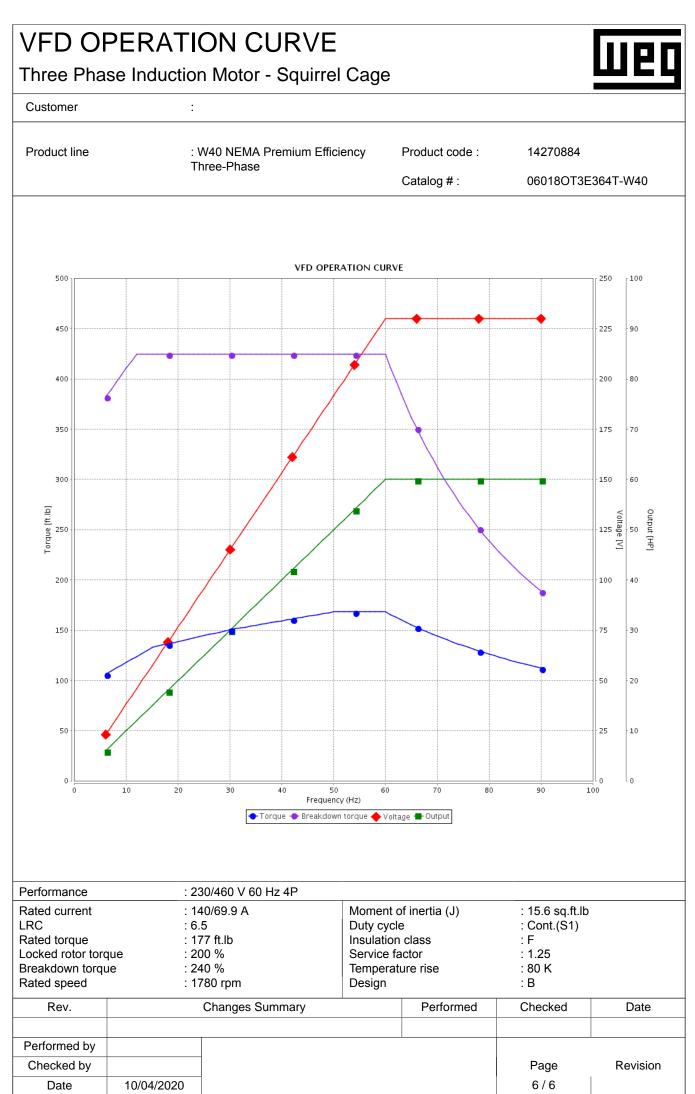
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Customer

Product line		: W40 NEMA Premium Efficiency Three-Phase		Product code :	14270884 06018OT3E364T-W40		
	1			Catalog # :			
Performance	: 23	30/460 V 60 Hz 4P					
Rated current : LRC : Rated torque : Locked rotor torque : Breakdown torque :		40/69.9 A .5 77 ft.lb 00 % 40 % 780 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 15.6 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constant	t						
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
		1					
Performed by		-			_		
Checked by		-			Page	Revision	
Date	10/04/2020				4 / 6		





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