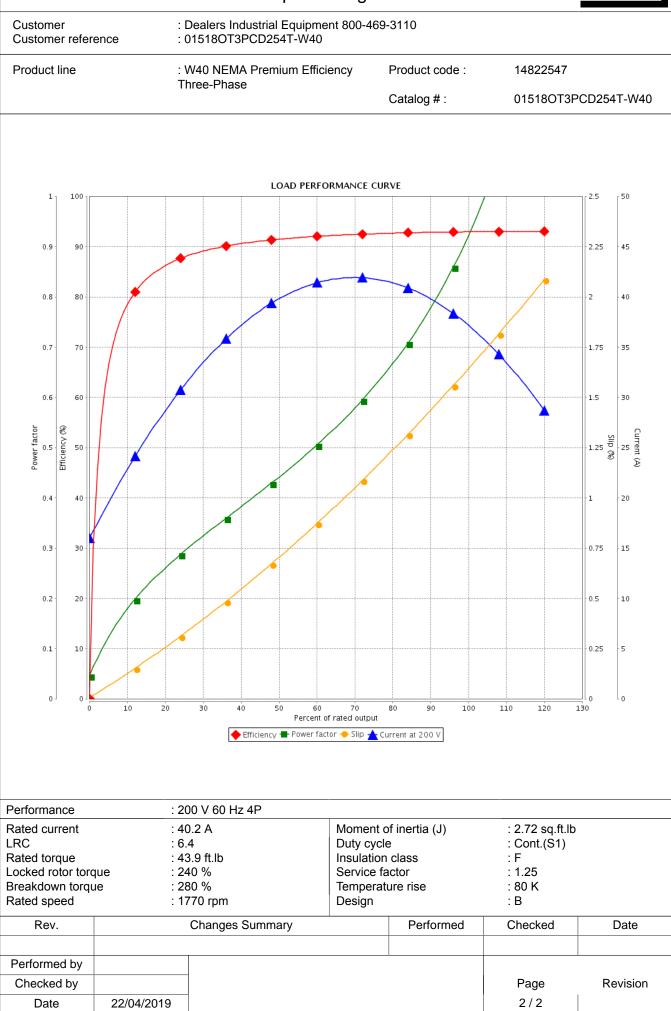
Drive end 6309 Z C3   Non drive end 6209 Z C3     Bearing type   :   Without Bearing Seal     Lubrication interval   :   20000 h     Lubrication interval   :   13 g   9 g     Lubrication interval   :   13 g   9 g     Lubrication interval   :   :   13 g   9 g     Notes   Mobil Polyrex EM     Notes   downloaded from http://dealerselectric.com     This revision replaces and cancel the previous one, which must be eliminated.   These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM     (1) Looking the motor from the shaft end.   (2) Measured at 1m and with tolerance of +3dB(A).     (3) Approximate weight subject to changes after manufacturing process.   (4) At 10% of full load.     Rev.   Changes Summary   Performed   Checked   Date     Performed by	THEE Flias	HEE se Induc		or - Squirre	l Cage		Шег	
Three-Phase Catalog # : 015180T3PCD254T-W4   Frame ::254T Locked rotor time :30s (cold) 17s (hot)   Output :15 HP (11 kW) Temperature rise :30 k   Predes ::4 Temperature rise :30 k   Fraded voltage :200 V Attitude :100 m.a.s.l.   Rated voltage :200 V Attitude :100 m.a.s.l.   No load current :15.0 A Rotation1 :50.4 (Cold G)   No load current :13.0 A Rotation1 :50.4 (Cold G)   Rated voltage :200 % Issuitant Calcus :20 GB(A)   Rated vortage :240 % Mounting :1-1   Rated vortage :240 % Mounting :20 GB(A)   Service factor :1.25 Max. traction Max. traction   Nores factor :1.25 Max. traction Max. compression   Power factor 0:38 0.78 0.85 Max. traction   Reading type : : : : :   Editi		nce						
Frame :254T Locked rotor time :30s (cold) 17s (hot)   Output :15 HP (11 kW) Temperature rise :80 K   Protes :4 Ambient temperature rise :80 K   Rated volage :200 V Attitude :010 m.a.s.l.   Rated volage :200 V Attitude :000 m.a.s.l.   Rated volage :200 V Attitude :000 m.a.s.l.   Rated volage :200 V Attitude :000 m.a.s.l.   No load current :15.0 A Protection degree :IC01 - ODP   No load current :15.0 A Rotation1 :Esoth (CW and CCW)   No load current :16.7 % Starting method :Direct On Line   Rated speed :1770 rpm Noise level <sup>#</sup> :20 80 (A)   Sip :16.7 % Starting method :Direct On Line   Rated volage :200 % imsulation class :F   Service factor :1.25 Mox. traction Max. traction   Power Factor :0.38 :0.78 :0.55 Max. traction   Power Factor :13 g :000 h :20000 h :20000 h   Lubricatin interval :2000 L :2000 h :20000 h :40000 h   Lubricatin intervision replaces and cancel the previo	Product line				-			
This revision replaces and cancel the previous one, which must be eliminated.   These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM () Approximate weight subject to changes after manufacturing process.   These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM () Approximate weight subject to changes after manufacturing process.     Rev.   Changes Summary   Performed by     Rev.   Changes Summary   Performed by	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 Design	e a (J)	: 15 HP (1 : 4 : 60 Hz : 200 V : 40.2 A : 258 A : 6.4x(Coc : 15.0 A : 1770 rpn : 1.67 % : 43.9 ft.lb : 240 % : 280 % : F : 1.25 : 2.72 sq.f : B	le G) n t.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>	: 30s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 62.0 dB(A : Direct On	17s (hot) 40°C s.l. P and CCW)	
Power Factor   0.38   0.78   0.85   Max. compression     Bearing type   :   6309 Z C3   6209 Z C3   6209 Z C3     Sealing   :   Without Bearing Seal   Without Bearing Seal     Lubrication interval   :   20000 h   20000 h     Lubricant amount   :   13 g   9 g     Lubricant type   :   Mobil Polyrex EM     Notes   downloaded from http://dealerselectric.com     This revision replaces and cancel the previous one, which must be eliminated.   These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM (1) Looking the motor from the shaft end.     (2) Mazured at 1m and with tolerance of +3dB(A).   MG-1.     (3) Approximate weight subject to changes after manufacturing process.   (4) At 10% of full load.     Rev.   Changes Summary   Performed   Checked   Date     Performed by	•							
Bearing type   :   6309 Z C3   6209 Z C3     Sealing   :   Without Bearing Seal   Without Bearing Seal     Lubrication interval   :   20000 h   20000 h     Lubrication interval   :   13 g   9 g     Lubrication type   :   Mobil Polyrex EM     Notes   downloaded from http://dealerselectric.com     This revision replaces and cancel the previous one, which must be eliminated.   These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEM MG-1.     (2) Measured at 1m and with tolerance of +3dB(A).   (3) Approximate weight subject to changes after manufacturing process.     (4) At 100% of full load.   Performed   Checked   Date     Performed by					Max. compression			
downloaded from http://dealerselectric.com     This revision replaces and cancel the previous one, which must be eliminated.     (1) Looking the motor from the shaft end.     (2) Measured at 1m and with tolerance of +3dB(A).     (3) Approximate weight subject to changes after manufacturing process.     (4) At 100% of full load.     Rev.   Changes Summary     Performed by   Performed	Lubrication interval		: Wit : :	20000 h 13 g	20000 h 9 g			
must be eliminated.   power supply, subject to the tolerances stipulated in NEM     (1) Looking the motor from the shaft end.   power supply, subject to the tolerances stipulated in NEM     (2) Measured at 1m and with tolerance of +3dB(A).   MG-1.     (3) Approximate weight subject to changes after   MG-1.     manufacturing process.   Performed     (4) At 100% of full load.   Performed     Performed by   Performed by		http://doala	realactric con					
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Checked by Page Revision	This revision repla must be eliminated (1) Looking the mo (2) Measured at 11 (3) Approximate w manufacturing pro (4) At 100% of full Rev.	aces and ca d. otor from the m and with veight subje ocess.	ncel the prev e shaft end. tolerance of - ct to changes	ious one, which ⊦3dB(A). ⊨after	power supply, subject to the MG-1.	e tolerances stipu	lated in NEMA	

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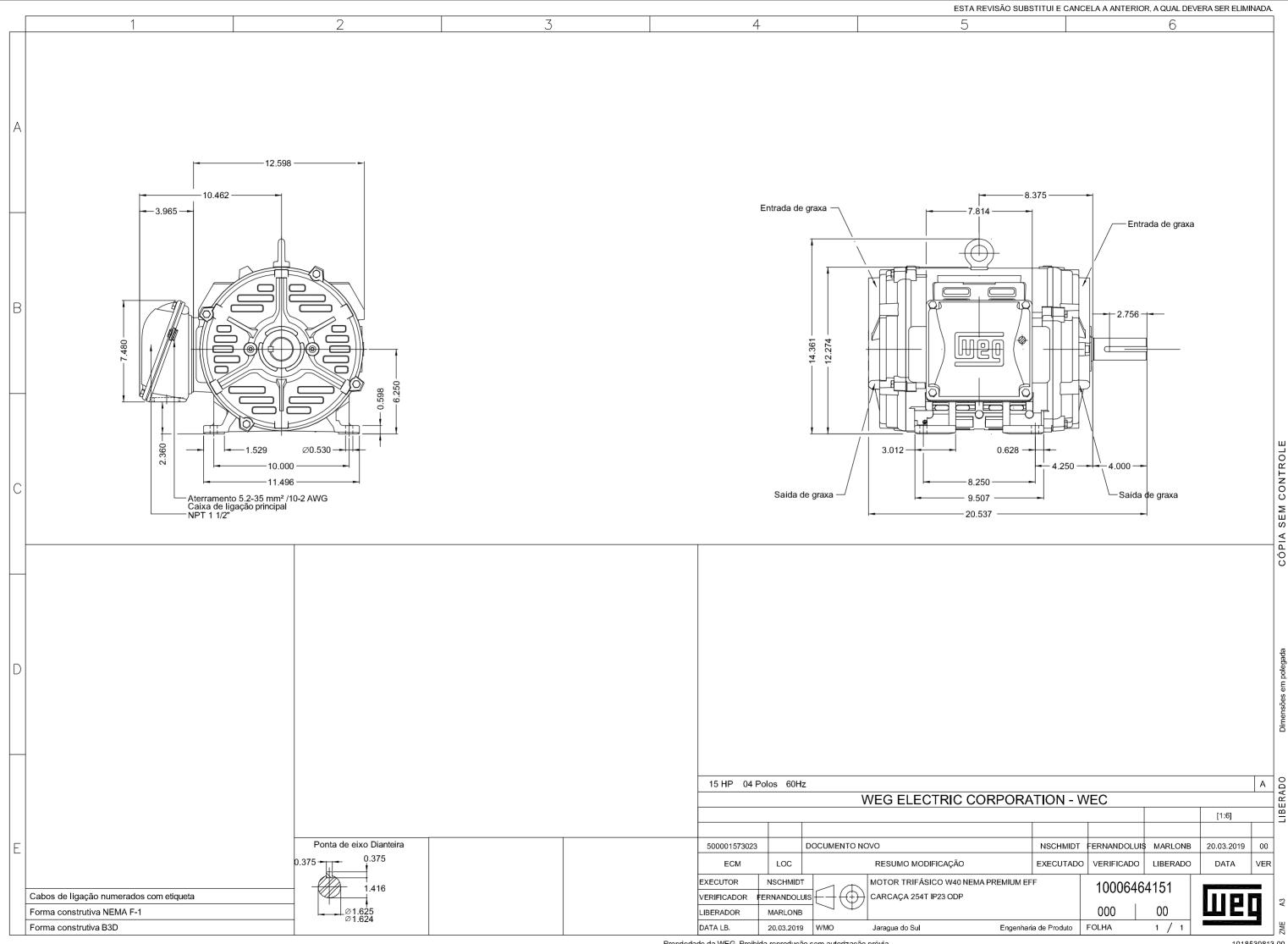
## LOAD PERFORMANCE CURVE

## Three Phase Induction Motor - Squirrel Cage





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