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		e Indu	ction N	Notor -	Squirrel	Cage		Шег
Three-Phase Catalog #: 025360T32266TF2-V Frame : 254/8T Locked rotor time : 19s (cold) 11s (hot) Poles : 20 : 20 : 20 Prequency : 60 Hz Ambient temperature rise : 80 : 20 Rated voltage : 202-320/460 V Ambient temperature : 80 : 20 Rated voltage : 202-230/460 V Ambient temperature : 20°C to +40°C Rated voltage : 202-230/460 V Ambient temperature : 20°C to +40°C Rated voltage : 203-75.76/28.8 A Protection degree : IP23 L R Amperes : 414-374/187 A Mounting : F-2 Rotad current : 13.77.710.98.50 A Starting method : IOU Sign : 181 % Starting method : IOU Rated torque : 236 6 ft.b . Dotect or torque : 200 % Breaktown torque : 280 % . Max. traction Max. compression Moment of inertia (J) : 1.13 sq.ft.lb Max. traction Max. compression Dotype : . . 6209 Z C3 6209 Z C3 Sealing : : 13 g 9 g Lubricatin interval : 13 g 9 g		ce				nt 800-469-3110		
Frame : 254/6T Output : 25 HP (18.5 kW) Poles : 2 Frequency : 60 Hz Rated voltage : 208-230/460 V Rated urrent : 63.7-57.6/28.8 A L R. Amperes : 414-374/187 A LRC : 65.8x(Code G) No load current : 11.7-17.0/8.50 A Rated torque : 280 % Silp : 1.81 % Rated torque : 280 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 1.13 sq.ft.lb Design : B Output : 25% 50% Service factor : 1.25 Moment of inertia (J) : 1.13 sq.ft.lb Design : B Bearing type : 6309 Z C3 Sealing : Without Bearing Seal Lubricatin interval : 20000 h Lubricatin interval : 20000 h Lubricatin interval : 13 g 9 g	oduct line				emium Efficio	-		256TE2 W/40
Power Factor 0.53 0.77 0.85 0.88 Max. compression Bearing type : 6309 Z C3 6209 Z C3 6209 Z C3 Sealing : Without Bearing Seal Without Bearing Seal Lubrication interval 20000 h Lubrication interval : 13 g 9 g 9 g Lubricant type : Mobil Polyrex EM Notes downloaded from http://dealerselectric.com Mobil Polyrex EM This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinusoid power supply, subject to the tolerances stipulated in NI MG-1. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after	tput les equency ted voltage ted current R. Amperes C load current ted speed p ted torque cked rotor torque eakdown torque eulation class rvice factor oment of inertia (sign	(J)	: 25 H : 2 : 60 H : 208 : 63.7 : 414 : 6.5 : 14.7 : 353 : 1.8' : 36.6 : 200 : 280 : F : 1.25 : 1.13 : B	HP (18.5 k) -230/460 V -57.6/28.8 -374/187 A (Code G) 7-17.0/8.50 5 rpm 1 % 5 ft.lb % % 5 sq.ft.lb	Â	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Starting method Approx. weight ³	: 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-2 : Both (CW : Direct On	-40°C s.l. IP and CCW)
Drive end Bearing type Drive end 6309 Z C3 Non drive end 6209 Z C3 Sealing : Without Bearing Seal Lubrication interval : 20000 h Lubrication interval : 13 g 9 g : 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 sinusoid power supply, subject to the tolerances stipulated in N	ciency (%)	90.8	91.0	91.7	91.7	Max. traction		
Notes 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	Sealing Lubrication interval Lubricant amount		:	630 Without E 20	9 Z C3 Bearing Seal 000 h 13 g	6209 Z C3 Without Bearing Seal 20000 h 9 g		
(3) Approximate weight subject to changes after	bricant type		:		Мс	DDII POIyrex EM		
(4) At 100% of full load.	bricant type es vnloaded from hi s revision replac st be eliminated. Looking the mot	ces and c	ancel the	previous o	ne, which	These are average values power supply, subject to the		
Performed by	bricant type es vnloaded from hi s revision replac st be eliminated. Looking the mot Measured at 1m Approximate we nufacturing proc At 100% of full k	ces and c tor from t and with eight subj cess.	ancel the he shaft e h toleranc ect to cha	previous o ind. e of +3dB(, inges after	ne, which A).	These are average values I power supply, subject to the MG-1.	e tolerances stipu	

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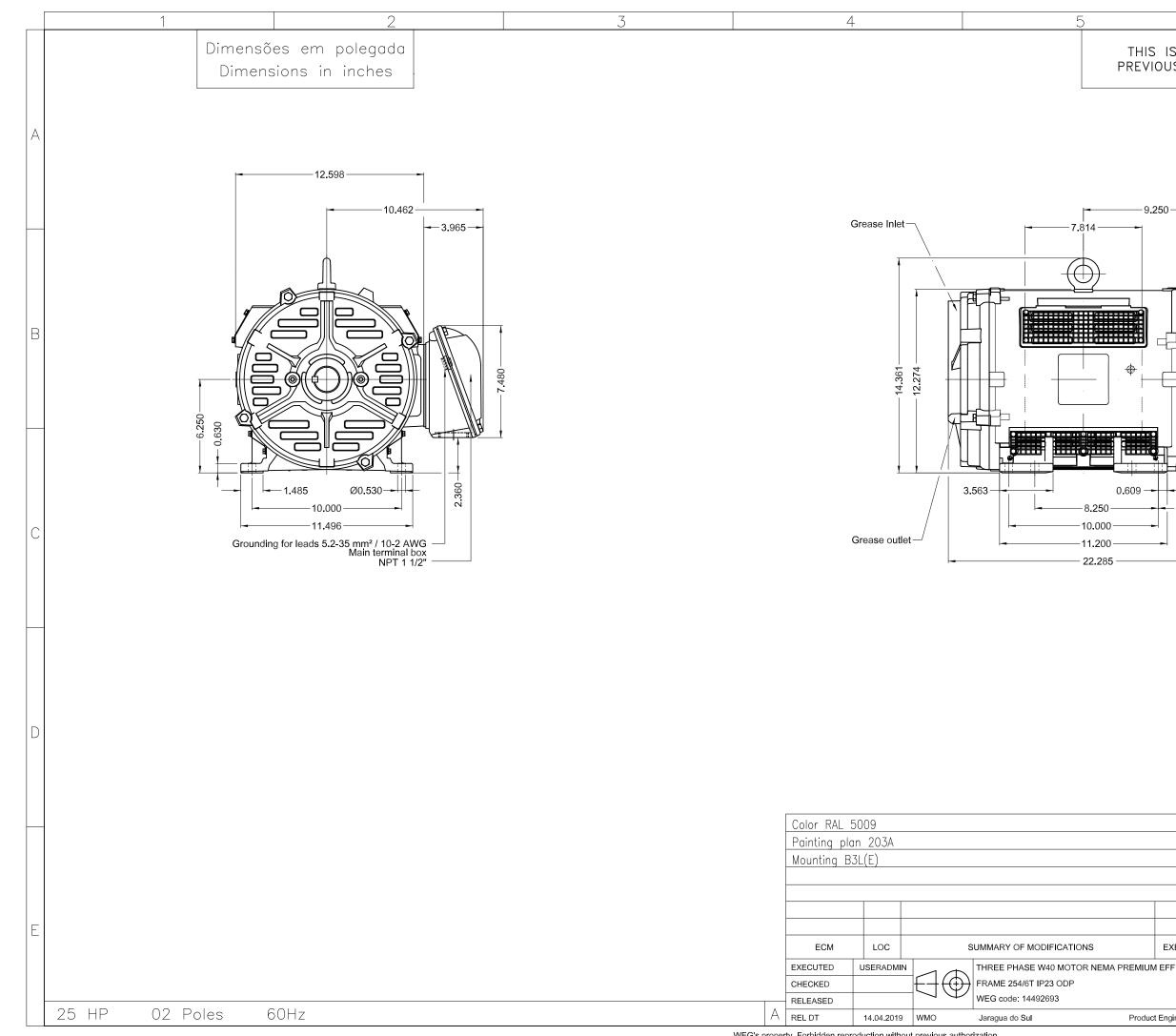
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110 : 02536OT3E256TF2-W40 Customer reference Product line : W40 NEMA Premium Efficiency Product code : 14492693 Three-Phase 02536OT3E256TF2-W40 Catalog # : LOAD PERFORMANCE CURVE 100 100 1 2.5 2.25 90 90 0.9 80 0.8 80 2 0.7 70 1.75 70 60 60 1.5 0.6 E Power factor Eurrent (A) 1.25 Slip Efficiency 50 0.5 50 40 0.4 40 1 0.75 30 30 0.3 ~ 0.2 20 0.5 20 0.25 10 0.1 10 0 0 0 0 10 20 30 40 100 110 120 130 50 60 70 80 90 Percent of rated output 🔶 Efficiency 🖶 Power factor 🔶 Slip 🛧 Current at 208 V 🐺 Current at 230 V Current at 460 V Performance : 208-230/460 V 60 Hz 2P Rated current : 63.7-57.6/28.8 A Moment of inertia (J) : 1.13 sq.ft.lb LRC Duty cycle : 6.5 : Cont.(S1) Insulation class : 36.6 ft.lb : F Rated torque Locked rotor torque : 200 % Service factor : 1.25 Breakdown torque : 280 % Temperature rise : 80 K Rated speed : 3535 rpm Design : B Checked Rev. Performed **Changes Summary** Date Performed by Checked by Revision Page 14/04/2019 2/2 Date

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6 THIS IS AN UPDATED REVISION, THE PREVIOUS ONE MUST BE DISREGARDED. -9.250-Grease Inlet 2.756-Æ 0.609 -8.250 4.250 -4.000-10.000 -Grease outlet 11.200-22.285 SCALE 1:6 RELEASED DATE VER EXECUTED CHECKED B Щ SHEET 1 / 1 Product Engineering