

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer : Dealers Industrial Equipment 800-469-3110		Customer reference : 06018OP3EFP364TS-W40	
Product line : W40 High Efficiency Three-Phase		Product code : 14281211 Catalog # : 06018OP3EFP364TS-W40	
Frame : 364/5TS Output : 60 HP (45 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 208-230/460 V Rated current : 157-142/71.0 A L. R. Amperes : 958-866/433 A LRC : 6.1x(Code G) No load current : 39.7-46.0/23.0 A Rated speed : 1777 rpm Slip : 1.28 % Rated torque : 175 ft.lb Locked rotor torque : 180 % Breakdown torque : 229 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 12.8 sq.ft.lb Design : B		Locked rotor time : 39s (cold) 22s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP23 Cooling method : IC01 - ODP Mounting : F-1 Rotation ¹ : Both (CW and CCW) Starting method : Direct On Line Approx. weight ³ : 661 lb	
Output	50%	75%	100%
Efficiency (%)	93.0	93.6	93.6
Power Factor	0.73	0.82	0.85
Foundation loads		Max. traction : 1280 lb Max. compression : 1941 lb	
Bearing type : Sealing : Lubrication interval : Lubricant amount : Lubricant type :		<u>Drive end</u> 6314 C3 Without Bearing Seal 20000 h 27 g Mobil Polyrex EM	
<u>Non drive end</u> 6212 Z C3 Without Bearing Seal 20000 h 13 g			
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 manufacturing process. (4) At 100% of full load.		These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.	
Rev.	Changes Summary		Performed
Performed by			Checked
Checked by			Date
Date	14/04/2019		Page 1 / 2
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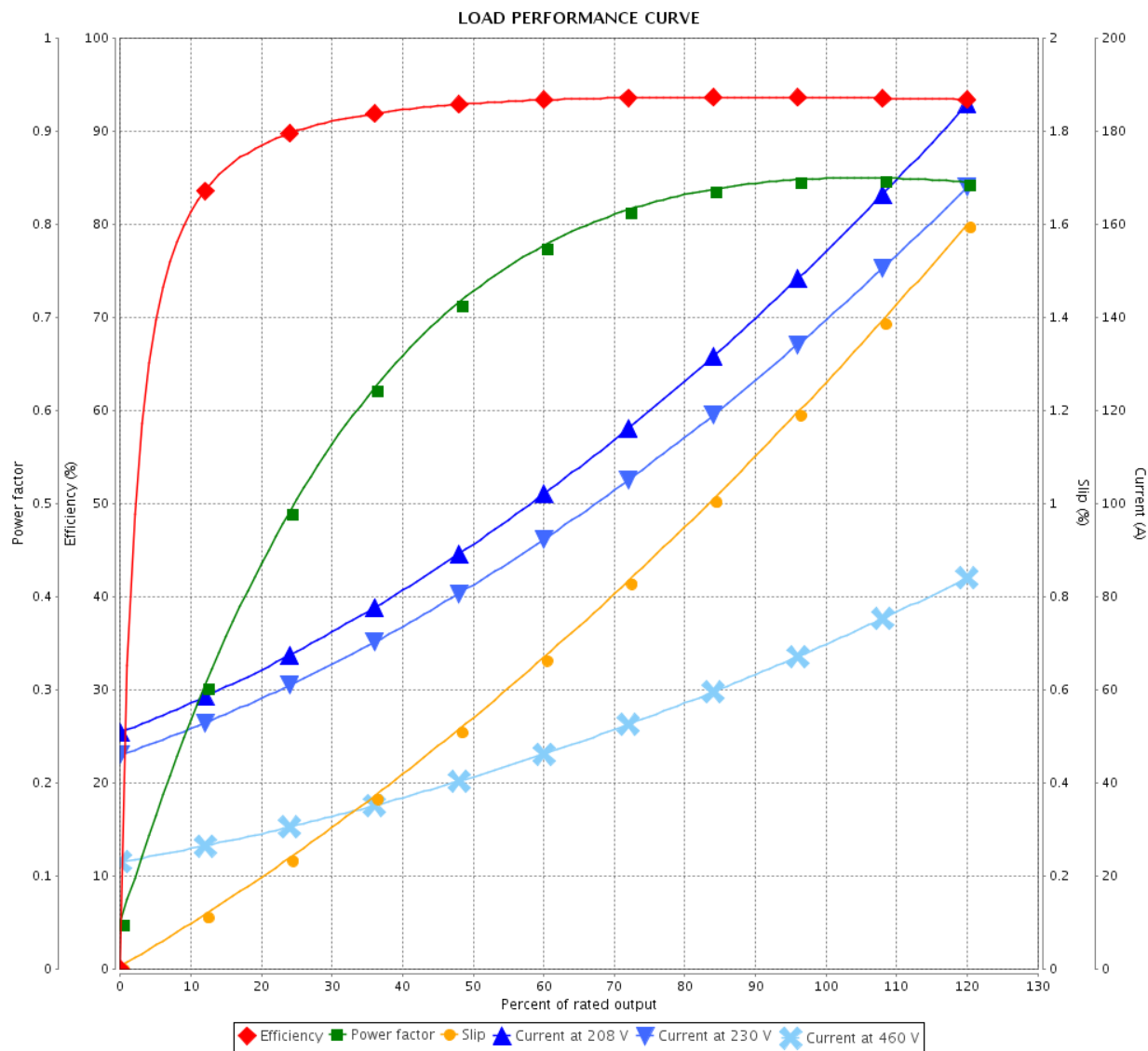
LOAD PERFORMANCE CURVE

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Catalog # : 06018OP3EFP364TS-W40



Performance : 208-230/460 V 60 Hz 4P

Rated current : 157-142/71.0 A
LRC : 6.1
Rated torque : 175 ft.lb
Locked rotor torque : 180 %
Breakdown torque : 229 %
Rated speed : 1777 rpm

Moment of inertia (J) : 12.8 sq.ft.lb
Duty cycle : Cont.(S1)
Insulation class : F
Service factor : 1.15
Temperature rise : 80 K
Design : B

Rev.	Changes Summary		Performed	Checked	Date
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