DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 06018OT3V364TS-W40

Product line : W40 NEMA Premium Efficiency Product code : 14270940

Three-Phase

Catalog #: 06018OT3V364TS-W40

Frame : 364/5TS Locked rotor time : 34s (cold) 19s (hot)

Output : 60 HP (45 kW) Temperature rise : 80 K Poles Duty cycle : Cont.(S1) : -20°C to +40°C Frequency : 60 Hz Ambient temperature Rated voltage : 200/400 V : 1000 m.a.s.l. Altitude Rated current : 161/80.4 A Protection degree : IP23

L. R. Amperes : 1045/523 A Cooling method : IC01 - ODP LRC : 6.5x(Code G) Mounting : F-1

No load current : 56.8/28.4 A Rotation¹ : Both (CW and CCW)
Rated speed : 1780 rpm Noise level² : 69.0 dB(A)

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Slip : 1.11 % Starting method : Direct On Line
Rated torque : 175 ft.lb Approx. weight³ : 741 lb

Rated torque : 175 ft.lb Approx. weight³
Locked rotor torque : 200 %
Breakdown torque : 240 %
Insulation class : F

Service factor : 1.25 Moment of inertia (J) : 15.6 sq.ft.lb Design : B

Output 25% 50% 75% 100% Foundation loads

Efficiency (%) 94.4 94.5 95.0 95.0 Max. traction : 1085 lb Power Factor 0.48 0.73 0.82 0.85 Max. compression : 1826 lb

Drive end
Bearing typeNon drive end
6314 C3Non drive end
6212 Z C3Sealing: Without Bearing SealWithout Bearing Seal

Lubrication interval : 20000 h 20000 h Lubricant amount : 27 g 13 g

Lubricant type : Mobil Polyrex EM

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.

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LOAD PERFORMANCE CURVE

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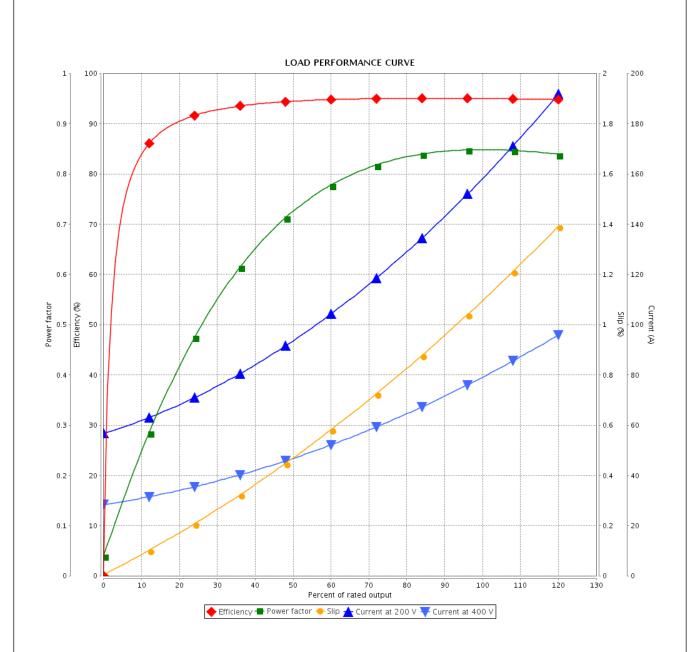
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Performance	: 200/400 V 60 Hz 4P							
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 161/80.4 A : 6.5 : 175 ft.lb : 200 % : 240 % : 1780 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 15.6 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B				
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