DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 06036OT3H326TS-W40

Product line : W40 NEMA Premium Efficiency Product code : 14497528

Three-Phase

Catalog # : 06036OT3H326TS-W40

Frame : 324/6TS Locked rotor time : 21s (cold) 12s (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 : 575 V : 1000 m.a.s.l. Altitude Rated current : 56.8 A Protection degree : IP23

L. R. Amperes : 358 A Cooling method : IC01 - ODP LRC : 6.3x(Code G) Mounting : F-1

No load current : 16.0 A Rotation¹ : Both (CW and CCW)
Rated speed : 3560 rpm Noise level² : 75.0 dB(A)

Slip : 1.11 % Starting method : Direct On Line Rated torque : 87.3 ft.lb Approx. weight³ : 469 lb

Locked rotor torque : 220 %
Breakdown torque : 229 %
Insulation class : F
Service factor : 1.25

Moment of inertia (J) : 3.82 sq.ft.lb Design : B

25% 50% 75% 100% Output Foundation loads Efficiency (%) 91.7 92.4 93.0 93.6 Max. traction Power Factor 0.51 0.73 0.82 0.85 Max. compression

Lubrication interval : 19658 h 20000 h Lubricant amount : 21 g 11 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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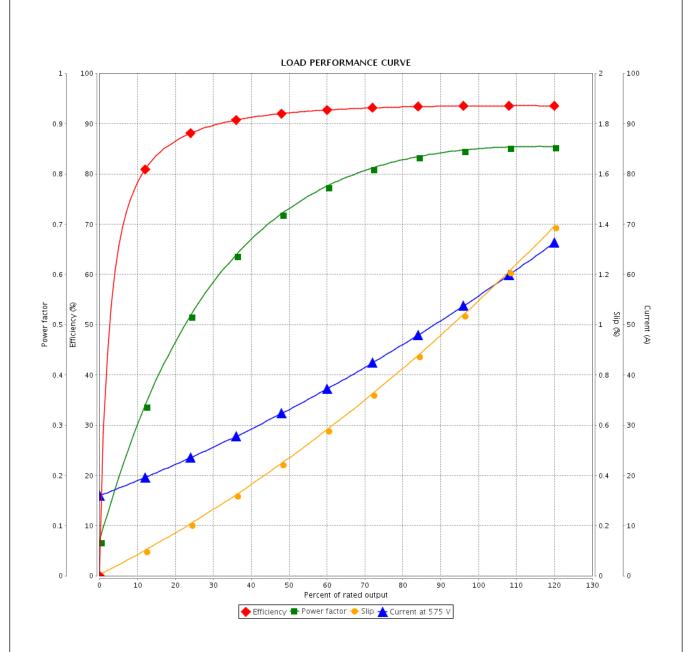
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2/2



D. (575 \ / 00 LL 0D				
Performance	: 575 V 60 Hz 2P				
Rated current LRC	: 56.8 A : 6.3	Moment of inertia (J) Duty cycle		: 3.82 sq.ft.lb : Cont.(S1)	
Rated torque Locked rotor torque Breakdown torque	: 87.3 ft.lb : 220 % : 229 %	Insulation class Service factor Temperature rise		: F : 1.25 : 80 K	
Rated speed	: 3560 rpm	Design		: B	
Rev.	Changes Summary	F	Performed	Checked	Date
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Date

