## **DATA SHEET**

## Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 06018OT3H364TS-W40

Product line : W40 NEMA Premium Efficiency Product code : 14270939

Three-Phase

Catalog #: 06018OT3H364TS-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 : 575 V : 1000 m.a.s.l. Altitude Rated current : 55.9 A Protection degree : IP23

L. R. Amperes : 363 A Cooling method : IC01 - ODP LRC : 6.5x(Code G) Mounting : F-1

No load current: 19.8 ARotation¹: Both (CW and CCW)Rated speed: 1780 rpmNoise level²: 69.0 dB(A)Slip: 1.11 %Starting method: Direct On Line

Rated torque : 175 ft.lb Approx. weight³ : 738 lb

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

 Output
 25%
 50%
 75%
 100%
 Foundation loads

 Efficiency (%)
 94.4
 94.5
 95.0
 95.0
 Max. traction
 : 1087 lb

 Power Factor
 0.48
 0.73
 0.82
 0.85
 Max. compression
 : 1825 lb

Drive endNon drive endBearing type: 6314 C36212 Z C3Sealing: Without Bearing SealWithout Bearing SealLubrication interval: 20000 h20000 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

## Three Phase Induction Motor - Squirrel Cage



Revision

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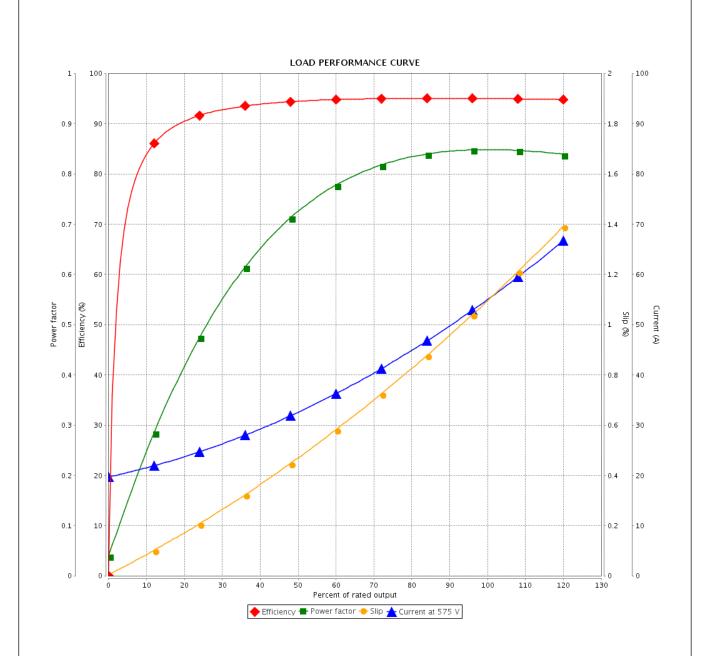
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Performance	: 575 V 60 Hz 4P							
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 55.9 A : 6.5 : 175 ft.lb : 200 % : 240 % : 1780 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 15.6 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B				
Rev.	Changes Summary		Performed	Checked	Date			
Performed by								

Checked by

Date

14/04/2019

