DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 06018OT3E364TC-W40

Product line : W40 NEMA Premium Efficiency Product code : 14272485

Three-Phase

Catalog #: 06018OT3E364TC-W40

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

 Output
 : 60 HP (45 kW)
 Temperature rise
 : 80 K

 Poles
 : 4
 Duty cycle
 : Cont.(S1)

 Frequency
 : 60 Hz
 Ambient temperature
 : -20°C to +40°C

 Rated voltage
 : 208-230/460 V
 Altitude
 : 1000 m.a.s.l.

 Rated current
 : 155-140/69.9 A
 Protection degree
 : IP23

 L. R. Amperes
 : 1005-909/454 A
 Cooling method
 : IC01 - ODP

 LRC
 : 6.5x(Code G)
 Mounting
 : F-1

No load current : 42.6-49.4/24.7 A Rotation¹ : Both (CW and CCW)
Rated speed : 1780 rpm Noise level² : 69.0 dB(A)

Slip : 1.11 % Starting method : Direct On Line Rated torque : 175 ft.lb Approx. weight³ : 772 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

 Efficiency (%)
 94.4
 94.5
 95.0
 95.0
 Max. traction
 : 1250 lb

Power Factor 0.48 0.73 0.82 0.85 Max. compression : 2022 lb

Bearing type : 6314 C3 6212 Z C3
Sealing : Without Bearing Seal Without 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.

Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	14/04/2019				1/2	

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage



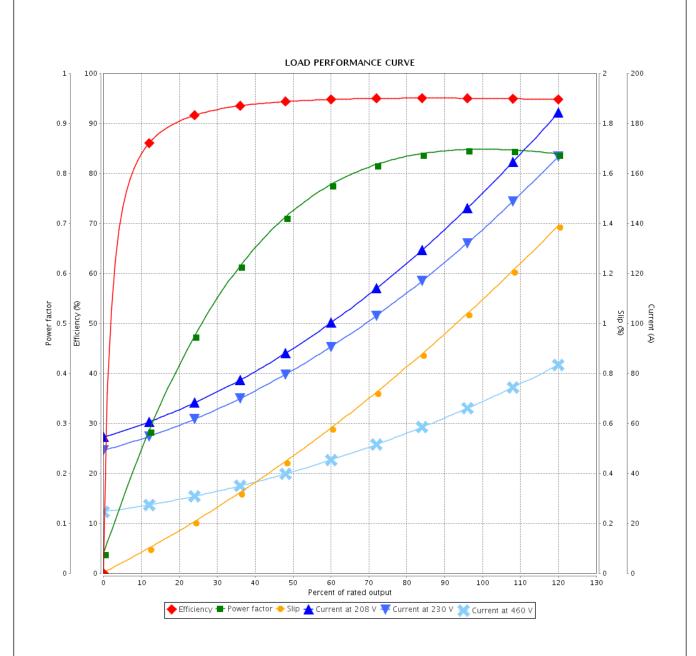
Customer : Dealers Industrial Equipment 800-469-3110

Customer reference : 06018OT3E364TC-W40

Product line : W40 NEMA Premium Efficiency Product code : 14272485

Three-Phase

Catalog #: 06018OT3E364TC-W40



Performance	: :	: 208-230/460 V 60 Hz 4P						
Rated current	:	: 155-140/69.9 A		Moment of inertia (J)				
LRC	: (: 6.5 Duty cyc		e ` ´	: Cont.(S1)			
Rated torque	: •	: 200 % Se		class	: F : 1.25			
Locked rotor torq	que : :			actor				
Breakdown torqu	ie : :			Temperature rise				
Rated speed	: .	1780 rpm	Design		: B			
Rev.	Changes Summary			Performed	Checked	Date		
Performed by								
Checked by					Page	Revision		
Date	14/04/2019				2/2			

