



# Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

## DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :  
 Product line : W22 NEMA Premium - Ball Bearings

Frame : 364/5T  
 Output : 60 HP  
 Frequency : 60 Hz  
 Poles : 4  
 Full load speed : 1775 rpm  
 Slip : 1.39 %  
 Voltage : 208-230/460 V  
 Rated current : 151-137/68.3 A  
 Locked rotor current : 902/451 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.6  
 No-load current : 48.0/24.0 A  
 Full load torque : 175 lb.ft  
 Locked rotor torque : 240 %  
 Breakdown torque : 260 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 15 s (hot)  
 Service factor : 1.25  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 869 lb  
 Moment of inertia : 22.421 sq.ft.lb  
 Noise level : 67 dB(A)

|                     | D.E.    | N.D.E.  |
|---------------------|---------|---------|
| Bearings            | 6314 C3 | 6314 C3 |
| Regreasing interval | 12000 h | 12000 h |
| Grease amount       | 27 g    | 27 g    |

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.87         | 95.0           |
| 75%  | 0.83         | 94.5           |
| 50%  | 0.75         | 94.1           |

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #06018ET3E364TC-W22

Performed by

Checked