



# Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

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

Customer :  
Product line : W22 General Purpose TEFC

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.	Load	Power factor	Efficiency (%)
Bearings	6314 C3	6314 C3	100%	0.87	95.0
Regreasing interval	12000 h	12000 h	75%	0.83	94.5
Grease amount	27 g	27 g	50%	0.75	94.1

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #06018ET3E364T-W22G

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