



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

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

Customer :  
Product line : W22 General Purpose TEFC

Frame : 284/6TS  
Output : 25 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3535 rpm  
Slip : 1.81 %  
Voltage : 208-230/460 V  
Rated current : 63.0-57.0/28.5 A  
Locked rotor current : 359/180 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.3  
No-load current : 15.0/7.50 A  
Full load torque : 36.6 lb.ft  
Locked rotor torque : 200 %  
Breakdown torque : 250 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 17 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 362 lb  
Moment of inertia : 2.6936 sq.ft.lb  
Noise level : 72 dB(A)

	D.E.	N.D.E.
Bearings	6311 C3	6211 C3
Regreasing interval	14000 h	17000 h
Grease amount	18 g	11 g

Load	Power factor	Efficiency (%)
100%	0.89	91.7
75%	0.87	91.7
50%	0.82	91.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #02536ET3E284TS-W22G

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