



# Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

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

Customer :  
Product line : W22 Super Premium

Frame : 182/4T  
Output : 5 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3505 rpm  
Slip : 2.64 %  
Voltage : 208-230/460 V  
Rated current : 13.2-12.0/5.99 A  
Locked rotor current : 98.2/49.1 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.2  
No-load current : 4.80/2.40 A  
Full load torque : 7.39 lb.ft  
Locked rotor torque : 240 %  
Breakdown torque : 350 %  
Design : A  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 30 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 95 lb  
Moment of inertia : 0.22330 sq.ft.lb  
Noise level : 69 dB(A)

	D.E.	N.D.E.
Bearings	6207 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.86	90.2
75%	0.83	88.5
50%	0.73	87.5

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00536EG3E184T-W22

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