



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
Product line : W22 NEMA Premium - Ball Bearings

Frame : 182/4T  
Output : 3 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3515 rpm  
Slip : 2.36 %  
Voltage : 575 V  
Rated current : 2.90 A  
Locked rotor current : 25.0 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.6  
No-load current : 1.04 A  
Full load torque : 4.42 lb.ft  
Locked rotor torque : 250 %  
Breakdown torque : 380 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 41 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 88 lb  
Moment of inertia : 0.18889 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%	0.88	86.5
75%	0.84	86.5
50%	0.75	82.5

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00336ET3H182T-W22

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