



# Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

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

Customer :  
Product line : W22 High Efficiency

Frame : 215T  
Output : 5 HP  
Frequency : 60 Hz  
Poles : 6  
Full load speed : 1165 rpm  
Slip : 2.92 %  
Voltage : 230/460 V  
Rated current : 14.2/7.08 A  
Locked rotor current : 90.6/45.3 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.4  
No-load current : 7.60/3.80 A  
Full load torque : 22.2 lb.ft  
Locked rotor torque : 210 %  
Breakdown torque : 230 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 35 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 162 lb  
Moment of inertia : 1.4717 sq.ft.lb  
Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6308 ZZ	6207 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.75	87.5
75%	0.67	87.5
50%	0.55	86.5

### Notes:

Downloaded from <http://dealerselectric.com>  
Generated for Model #00512EP3ER215TC-W22

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