



# 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 : 10 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1755 rpm  
Slip : 2.50 %  
Voltage : 230/460 V  
Rated current : 25.0/12.5 A  
Locked rotor current : 163/81.3 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.5  
No-load current : 11.4/5.70 A  
Full load torque : 29.5 lb.ft  
Locked rotor torque : 200 %  
Breakdown torque : 250 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 12 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 154 lb  
Moment of inertia : 1.1583 sq.ft.lb  
Noise level : 58 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.84	89.5
75%	0.80	89.5
50%	0.68	89.5

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #01018EP3ER215TC-W22

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