



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

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

Customer :  
Product line : W22 Brake Motor - NEMA Premium Efficiency

Frame : 213/5T  
Output : 7.5 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3520 rpm  
Slip : 2.22 %  
Voltage : 208-230/460 V  
Rated current : 19.4-17.5/8.76 A  
Locked rotor current : 126/63.1 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.2  
No-load current : 5.40/2.70 A  
Full load torque : 11.0 lb.ft  
Locked rotor torque : 210 %  
Breakdown torque : 300 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 27 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 159 lb  
Moment of inertia : 0.46653 sq.ft.lb  
Noise level : 72 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.88	89.5
75%	0.84	89.5
50%	0.75	87.5

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00736ET3EBM213T-W22

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