



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

### DATA SHEET

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

Customer :  
 Product line : Three Phase: W01 (Rolled Steel) - TEFC - NEMA Premium Efficiency

Frame : 213/5T  
 Output : 7.5 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3530 rpm  
 Slip : 1.94 %  
 Voltage : 208-230/460 V  
 Rated current : 19.2-17.3/8.67 A  
 Locked rotor current : 132/65.9 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.6  
 No-load current : 6.63/3.32 A  
 Full load torque : 11.0 lb.ft  
 Locked rotor torque : 260 %  
 Breakdown torque : 300 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 15 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 133 lb  
 Moment of inertia : 0.54959 sq.ft.lb  
 Noise level : 70 dB(A)

	D.E.	N.D.E.
Bearings	6208 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.89	89.5
75%	0.85	88.5
50%	0.76	87.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00736ET3E213T-S

Performed by

Checked