



# 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 : 4  
 Full load speed : 1770 rpm  
 Slip : 1.67 %  
 Voltage : 208-230/460 V  
 Rated current : 20.1-18.1/9.07 A  
 Locked rotor current : 132/66.2 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.3  
 No-load current : 8.81/4.41 A  
 Full load torque : 22.0 lb.ft  
 Locked rotor torque : 260 %  
 Breakdown torque : 300 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 22 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 120 lb  
 Moment of inertia : 0.93805 sq.ft.lb  
 Noise level : 60 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.82	91.7
75%	0.76	91.0
50%	0.64	90.2

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00718ET3ER213TC-S

Performed by

Checked