



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## DATA SHEET

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

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

Frame : 182/4T  
 Output : 1.5 HP  
 Frequency : 60 Hz  
 Poles : 6  
 Full load speed : 1170 rpm  
 Slip : 2.50 %  
 Voltage : 208-230/460 V  
 Rated current : 4.91-4.44/2.22 A  
 Locked rotor current : 30.6/15.3 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.9  
 No-load current : 2.73/1.36 A  
 Full load torque : 6.64 lb.ft  
 Locked rotor torque : 240 %  
 Breakdown torque : 340 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 55 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 66 lb  
 Moment of inertia : 0.28001 sq.ft.lb  
 Noise level : 52 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6206 ZZ	6205 ZZ	100%	0.71	87.5
Regreasing interval	---	---	75%	0.63	86.5
Grease amount	---	---	50%	0.50	84.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00152ET3E182T-S

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