



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## DATA SHEET

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

Customer :  
 Product line : Jet Pump: Three-Phase - W01 (Rolled Steel) - TEFC - Keyed - Premium Efficiency

Frame : 56C  
 Output : 3 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3500 rpm  
 Slip : 2.78 %  
 Voltage : 208-230/460 V  
 Rated current : 7.76-7.02/3.51 A  
 Locked rotor current : 66.7/33.3 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 9.5  
 No-load current : 2.56/1.28 A  
 Full load torque : 4.44 lb.ft  
 Locked rotor torque : 300 %  
 Breakdown torque : 380 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 10 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 48 lb  
 Moment of inertia : 0.16635 sq.ft.lb  
 Noise level : 68 dB(A)

|                     | D.E. | N.D.E. | Load | Power factor | Efficiency (%) |
|---------------------|------|--------|------|--------------|----------------|
| Bearings            |      |        | 100% | 0.91         | 86.5           |
| Regreasing interval |      |        | 75%  | 0.87         | 86.5           |
| Grease amount       |      |        | 50%  | 0.78         | 84.0           |

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00336ET3EJPR56C-S

Performed by

Checked