



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

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

Customer :  
 Product line : Fire Pump: Three Phase - W01 (Rolled Steel) - ODP - High Efficiency

Frame : 213/5T  
 Output : 15 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3525 rpm  
 Slip : 2.08 %  
 Voltage : 208-230/460 V  
 Rated current : 38.7-35.0/17.5 A  
 Locked rotor current : 228/114 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.5  
 No-load current : 14.7/7.36 A  
 Full load torque : 22.0 lb.ft  
 Locked rotor torque : 190 %  
 Breakdown torque : 260 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 6 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : ODP  
 Approximate weight : 117 lb  
 Moment of inertia : 0.46511 sq.ft.lb  
 Noise level : 66 dB(A)

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

| Load | Power factor | Efficiency (%) |
|------|--------------|----------------|
| 100% | 0.88         | 89.5           |
| 75%  | 0.83         | 89.5           |
| 50%  | 0.73         | 88.5           |

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #01536OP3EFP215TC-S

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