



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

## DATA SHEET

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

Customer :  
 Product line : Close Coupled Pump : Three-Phase - "JM" Type - ODP - NEMA Premium

Frame : 213/5JM  
 Output : 10 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3520 rpm  
 Slip : 2.22 %  
 Voltage : 575 V  
 Rated current : 9.49 A  
 Locked rotor current : 68.3 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.2  
 No-load current : 3.36 A  
 Full load torque : 14.7 lb.ft  
 Locked rotor torque : 220 %  
 Breakdown torque : 280 %  
 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 : IP21  
 Approximate weight : 121 lb  
 Moment of inertia : 0.48813 sq.ft.lb  
 Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6209 ZZ	6206 ZZ	100%	0.88	90.2
Regreasing interval	---	---	75%	0.83	90.2
Grease amount	---	---	50%	0.73	89.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #01036OT3H213JM

Performed by

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