



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
 Product line : Oil Well Pumping : High Slip - NEMA Design "D" - ODP

Frame : 213T  
 Output : 3 HP  
 Frequency : 60 Hz  
 Poles : 6  
 Full load speed : 1115 rpm  
 Slip : 7.08 %  
 Voltage : 208-230/460 V  
 Rated current : 10.4-9.38/4.69 A  
 Locked rotor current : 53.5/26.7 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 5.7  
 No-load current : 5.00/2.50 A  
 Full load torque : 13.9 lb.ft  
 Locked rotor torque : 380 %  
 Breakdown torque : 0 %  
 Design : D  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 22 s (hot)  
 Service factor : 1.00  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP21  
 Approximate weight : 88 lb  
 Moment of inertia : 0.91977 sq.ft.lb  
 Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.73	80.7
75%	0.65	80.0
50%	0.52	79.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #00312OS3EOW213T

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