



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
Product line : W22 Oil Well Pumping : High Slip - NEMA Design "D" - TEFC (IP55)

Frame : 213/5T  
Output : 3 HP  
Frequency : 60 Hz  
Poles : 6  
Full load speed : 1050 rpm  
Slip : 12.50 %  
Voltage : 208-230/460 V  
Rated current : 11.3-9.96/4.98 A  
Locked rotor current : 44.8/22.4 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 4.5  
No-load current : 5.50/2.75 A  
Full load torque : 14.8 lb.ft  
Locked rotor torque : 350 %  
Breakdown torque : 0 %  
Design : D  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 20 s (hot)  
Service factor : 1.15  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 126 lb  
Moment of inertia : 0.68414 sq.ft.lb  
Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6308 ZZ	6207 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.75	74.0
75%	0.67	75.5
50%	0.56	74.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00312ES3EOW215T-W22

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