



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

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

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

Frame : 324T  
 Output : 25 HP  
 Frequency : 60 Hz  
 Poles : 6  
 Full load speed : 1135 rpm  
 Slip : 5.42 %  
 Voltage : 208-230/460 V  
 Rated current : 65.9-59.6/29.8 A  
 Locked rotor current : 405/203 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.8  
 No-load current : 21.0/10.5 A  
 Full load torque : 114 lb.ft  
 Locked rotor torque : 320 %  
 Breakdown torque : 0 %  
 Design : D  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 16 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 523 lb  
 Moment of inertia : 10.642 sq.ft.lb  
 Noise level : 62 dB(A)

	D.E.	N.D.E.
Bearings	6312 C3	6212 C3
Regreasing interval	20000 h	20000 h
Grease amount	21 g	13 g

Load	Power factor	Efficiency (%)
100%	0.88	88.5
75%	0.83	88.0
50%	0.75	85.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #02512ES3EOW324T

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