



Dealers Industrial Equipment

No.:

Date: 29-SEP-2016

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

Customer :  
Product line : Three-Phase: W22 IE2 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame : 315L  
Output : 400 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3580 rpm  
Slip : 0.56 %  
Voltage : 460 V  
Rated current : 434 A  
Locked rotor current : 3780 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.7  
No-load current : 100 A  
Full load torque : 579 lb.ft  
Locked rotor torque : 300 %  
Breakdown torque : 290 %  
Design : ---  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 18 s (hot)  
Service factor : 1.15  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 3180 lb  
Moment of inertia : 98.923 sq.ft.lb  
Noise level : 90 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6314 C3
Regreasing interval	4000 h	4000 h
Grease amount	27 g	27 g

Load	Power factor	Efficiency (%)
100%	0.91	95.4
75%	0.89	95.4
50%	0.83	95.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #30036EP3Y315L-W22

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