



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
Product line : Three-Phase : IEC Tru-Metric - TEFC (IP55) - Aluminum Frame

Frame : 63  
Output : 0.25 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3310 rpm  
Slip : 8.06 %  
Voltage : 230/460 V  
Rated current : 0.950/0.475 A  
Locked rotor current : 4.75/2.38 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 5.0  
No-load current : 0.720/0.360 A  
Full load torque : 0.391 lb.ft  
Locked rotor torque : 300 %  
Breakdown torque : 310 %  
Design : ---  
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 : 12 lb  
Moment of inertia : 0.00285 sq.ft.lb  
Noise level : 56 dB(A)

	D.E.	N.D.E.
Bearings	6201 ZZ	6201 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.70	68.0
75%	0.60	65.0
50%	0.48	58.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #.1836EP3EAL63

Performed by

Checked