



# Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

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

Customer :  
Product line : P-Base Motors : High Efficiency

Frame : 215HP  
Output : 10 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3500 rpm  
Slip : 2.78 %  
Voltage : 230/460 V  
Rated current : 23.4/11.7 A  
Locked rotor current : 161/80.7 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.9  
No-load current : 6.76/3.38 A  
Full load torque : 14.8 lb.ft  
Locked rotor torque : 220 %  
Breakdown torque : 280 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 20 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 137 lb  
Moment of inertia : 0.57664 sq.ft.lb  
Noise level : 72 dB(A)

	D.E.	N.D.E.
Bearings	6309 C3	6207 ZZ
Regreasing interval	7898 h	---
Grease amount	13 g	---

Load	Power factor	Efficiency (%)
100%	0.90	89.5
75%	0.88	89.5
50%	0.81	88.5

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #01036EP3E215HP

Performed by

Checked