



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

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

Customer :  
Product line : Three-Phase : Explosion Proof - NEMA Premium

Frame : 215T  
Output : 10 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3510 rpm  
Slip : 2.50 %  
Voltage : 208-230/460 V  
Rated current : 25.7-23.2/11.6 A  
Locked rotor current : 160/80.0 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.9  
No-load current : 6.00/3.00 A  
Full load torque : 14.8 lb.ft  
Locked rotor torque : 210 %  
Breakdown torque : 280 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 150 s (hot)  
Service factor : 1.15  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 201 lb  
Moment of inertia : 0.55125 sq.ft.lb  
Noise level : 72 dB(A)

	D.E.	N.D.E.
Bearings	6308 2RS	6207 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.90	90.2
75%	0.88	90.2
50%	0.81	89.5

Notes:  
Downloaded from <http://dealerselectric.com>  
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