



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
Product line : W01 (Rolled Steel) General Purpose TEFC

Frame : 213/5T  
Output : 3 HP  
Frequency : 60 Hz  
Poles : 6  
Full load speed : 1175 rpm  
Slip : 2.08 %  
Voltage : 208-230/460 V  
Rated current : 9.22-8.34/4.17 A  
Locked rotor current : 53.4/26.7 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.4  
No-load current : 4.71/2.36 A  
Full load torque : 13.2 lb.ft  
Locked rotor torque : 230 %  
Breakdown torque : 290 %  
Design : B  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 46 s (hot)  
Service factor : 1.15  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 130 lb  
Moment of inertia : 1.0807 sq.ft.lb  
Noise level : 55 dB(A)

	D.E.	N.D.E.
Bearings	6208 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.74	89.5
75%	0.67	88.5
50%	0.55	85.5

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