



# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

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

Customer :  
 Product line : Three Phase: W01 (Rolled Steel) - TEFC - High Efficiency

Frame : 143/5T  
 Output : 1.5 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3480 rpm  
 Slip : 3.33 %  
 Voltage : 208-230/460 V  
 Rated current : 4.20-3.80/1.90 A  
 Locked rotor current : 30.8/15.4 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.1  
 No-load current : 1.80/0.900 A  
 Full load torque : 2.23 lb.ft  
 Locked rotor torque : 270 %  
 Breakdown torque : 300 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 17 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 30 lb  
 Moment of inertia : 0.03583 sq.ft.lb  
 Noise level : 68 dB(A)

	D.E.	N.D.E.
Bearings	6205 ZZ	6203 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.88	82.5
75%	0.83	81.5
50%	0.72	77.0

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