



# 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 - Premium Efficiency (DOE)

Frame : W56  
 Output : 1 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3435 rpm  
 Slip : 4.58 %  
 Voltage : 208-230/460 V  
 Rated current : 3.32-3.00/1.50 A  
 Locked rotor current : 26.4/13.2 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.8  
 No-load current : 1.60/0.798 A  
 Full load torque : 1.51 lb.ft  
 Locked rotor torque : 360 %  
 Breakdown torque : 380 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 10 s (hot)  
 Service factor : 1.15 (1.00 at 208V)  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 21 lb  
 Moment of inertia : 0.02539 sq.ft.lb  
 Noise level : 65 dB(A)

	D.E.	N.D.E.
Bearings	6203 ZZ	6202 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.80	78.5
75%	0.75	77.0
50%	0.63	74.0

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