



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) - ODP - Standard Efficiency

Frame : 56  
Output : 0.75 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1755 rpm  
Slip : 2.50 %  
Voltage : 208-230/460 V  
Rated current : 2.96-2.68/1.34 A  
Locked rotor current : 16.9/8.44 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.3  
No-load current : 2.20/1.10 A  
Full load torque : 2.21 lb.ft  
Locked rotor torque : 230 %  
Breakdown torque : 300 %  
Design : A  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 13 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : ODP  
Approximate weight : 20 lb  
Moment of inertia : 0.05838 sq.ft.lb  
Noise level : 52 dB(A)

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

Load	Power factor	Efficiency (%)
100%	0.68	75.5
75%	0.58	72.0
50%	0.45	66.0

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