



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## DATA SHEET

### Single-phase induction motor - Squirrel cage rotor

Customer :  
Product line : Single Phase: W01 (Rolled Steel) - ODP - Premium Efficiency (DOE)

Frame : 56  
Output : 1 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3510 rpm  
Slip : 2.50 %  
Voltage : 115/208-230 V  
Rated current : 8.60/4.75-4.30 A  
Locked rotor current : 72.2/36.1 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.4  
No-load current : 2.60/1.30 A  
Full load torque : 1.48 lb.ft  
Locked rotor torque : 290 %  
Breakdown torque : 300 %  
Design : ---  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 16 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : ODP  
Approximate weight : 30 lb  
Moment of inertia : 0.05505 sq.ft.lb  
Noise level : 58 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6204 ZZ	6202 ZZ	100%	0.94	80.4
Regreasing interval	---	---	75%	0.93	76.0
Grease amount	---	---	50%	0.89	69.0

Notes:

Downloaded from <http://dealerselectric.com>  
Generated for Model #00136OT1B56C-S

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