



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) - TEFC - Standard Efficiency

Frame : W56  
Output : 0.33 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1735 rpm  
Slip : 3.61 %  
Voltage : 115/208-230 V  
Rated current : 6.00/3.32-3.00 A  
Locked rotor current : 33.6/16.8 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 5.6  
No-load current : 5.40/2.70 A  
Full load torque : 0.985 lb.ft  
Locked rotor torque : 320 %  
Breakdown torque : 280 %  
Design : ---  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 12 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 : 18 lb  
Moment of inertia : 0.03987 sq.ft.lb  
Noise level : 52 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.59	61.0
Regreasing interval	---	---	75%	0.51	55.0
Grease amount	---	---	50%	0.42	46.0

Notes:

Downloaded from <http://dealerselectric.com>  
Generated for Model #.3318ES1BW56CFL-S

Performed by

Checked