



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## DATA SHEET

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

Customer :  
Product line : Single-Phase : NEMA 56 TEFC

Frame : B56  
Output : 0.75 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3490 rpm  
Slip : 3.06 %  
Voltage : 115/208-230 V  
Rated current : 10.4/5.00-5.20 A  
Locked rotor current : 65.5/32.8 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.3  
No-load current : 7.60/3.80 A  
Full load torque : 1.11 lb.ft  
Locked rotor torque : 300 %  
Breakdown torque : 290 %  
Design : ---  
Insulation class : B  
Temperature rise : 80 K  
Locked rotor time : 6 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 : 26 lb  
Moment of inertia : 0.03963 sq.ft.lb  
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.72	64.0
75%	0.64	60.0
50%	0.54	52.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #.7536ES1BB56CFL

Performed by

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