



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## DATA SHEET

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

Customer :  
Product line : Single-Phase : NEMA 48 & 56 ODP - Start Capacitor

Frame : F56H  
Output : 2 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3525 rpm  
Slip : 2.08 %  
Voltage : 115/208-230 V  
Rated current : 21.9/11.3-11.0 A  
Locked rotor current : 175/87.6 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.0  
No-load current : 14.0/7.00 A  
Full load torque : 2.94 lb.ft  
Locked rotor torque : 250 %  
Breakdown torque : 280 %  
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 : IP21  
Approximate weight : 42 lb  
Moment of inertia : 0.06644 sq.ft.lb  
Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6204 ZZ	6203 ZZ	100%	0.75	77.9
Regreasing interval	---	---	75%	0.67	76.2
Grease amount	---	---	50%	0.59	71.1

Notes:

Downloaded from <http://dealerselectric.com>  
Generated for Model #00236OS1BF56CFL

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