



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## DATA SHEET

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

Customer :  
Product line : Single-Phase: Fractional Explosion Proof Motors

Frame : 56  
Output : 0.75 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3450 rpm  
Slip : 4.17 %  
Voltage : 115/208-230 V  
Rated current : 8.60/4.30 A  
Locked rotor current : 51.6/25.8 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.0  
No-load current : 4.80/2.40 A  
Full load torque : 1.13 lb.ft  
Locked rotor torque : 170 %  
Breakdown torque : 250 %  
Design : ---  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 7 s (hot)  
Service factor : 1.00  
Duty cycle : S1  
Ambient temperature : -20°C - +50°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 27 lb  
Moment of inertia : 0.01281 sq.ft.lb  
Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6203 ZZ	100%	0.82	69.5
Regreasing interval	---	---	75%	0.75	66.0
Grease amount	---	---	50%	0.67	60.0

Notes:

Downloaded from <http://dealerselectric.com>  
Generated for Model #.7536XS1B56

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