



# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

## DATA SHEET

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

Customer :  
 Product line : Three-Phase : Rolled Steel Motor - High Efficiency

Frame : W254/6T  
 Output : 15 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3520 rpm  
 Slip : 2.22 %  
 Voltage : 230/460 V  
 Rated current : 34.0/17.0 A  
 Locked rotor current : 272/136 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 8.0  
 No-load current : 11.2/5.60 A  
 Full load torque : 22.1 lb.ft  
 Locked rotor torque : 260 %  
 Breakdown torque : 300 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 12 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 158 lb  
 Moment of inertia : 0.66539 sq.ft.lb  
 Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6309 ZZ	6208 ZZ	100%	0.90	90.2
Regreasing interval	---	---	75%	0.87	90.2
Grease amount	---	---	50%	0.78	89.5

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #01536EP3ERSR254TC

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