



# Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

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

Customer :  
Product line : Single-Phase : ODP (IP22)

Frame : 184T  
Output : 5 HP  
Frequency : 60 Hz  
Poles : 2  
Full load speed : 3500 rpm  
Slip : 2.78 %  
Voltage : 230 V  
Rated current : 21.0 A  
Locked rotor current : 137 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.5  
No-load current : 4.80 A  
Full load torque : 7.40 lb.ft  
Locked rotor torque : 260 %  
Breakdown torque : 200 %  
Design : ---  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 6 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP22  
Approximate weight : 104 lb  
Moment of inertia : 0.25628 sq.ft.lb  
Noise level : ---

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6206 ZZ	6205 ZZ	100%	0.92	81.5
Regreasing interval	---	---	75%	0.91	81.5
Grease amount	---	---	50%	0.85	80.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00536OS1D184T

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