



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## DATA SHEET

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

Customer :  
Product line : Single-Phase : W21 TEFC (IP55)

Frame : G145T  
Output : 1.5 HP  
Frequency : 60 Hz  
Poles : 4  
Full load speed : 1750 rpm  
Slip : 2.78 %  
Voltage : 208-230/460 V  
Rated current : 9.00/4.50 A  
Locked rotor current : 49.5/24.8 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 5.5  
No-load current : 6.20/3.10 A  
Full load torque : 4.44 lb.ft  
Locked rotor torque : 300 %  
Breakdown torque : 260 %  
Design : ---  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 6 s (hot)  
Service factor : 1.15  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 46 lb  
Moment of inertia : 0.18035 sq.ft.lb  
Noise level : 55 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6205 ZZ	6203 ZZ	100%	0.74	72.0
Regreasing interval	---	---	75%	0.62	70.0
Grease amount	---	---	50%	0.52	66.0

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #00158ES1E145T

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